

OFFICERS OF THE UNIVERSITY

Vice-Chancellor	Professor Arun K. Grover
Dean University Instruction	Professor A.K. Bhandari
Director, RPC	Professor O.P. Katare
Hony. Director, IQAC	Professor Rajiv Lochan
Chief Vigilance Officer	Professor Meenakshi Malhotra
Associate Director, RPC	Professor Ramanjeet Kaur Johal
Associate Director, IQAC	Professor Archana Bhatnagar
Registrar	Col. G.S. Chadha
Controller of Examination	Dr. Parvinder Singh
Finance & Development Officer	CA Vikram Nayyar
Dean Student Welfare	Professor Navdeep Goyal
Dean Student Welfare (Women)	Professor Nandita Singh
Dean International Students	Professor Deepti Gupta
Dean Alumni Relations	Professor Anil Monga
Dean College Development Council	Professor Naval Kishore
Librarian	Dr. Raj Kumar
Director, Computer Centre	Professor R.K. Singla
Hony. Director, Academic Staff College	Professor Karamjeet Singh
Chief Medical Officer	Dr. D. Dhawan
Director Public Relations	Mr. Vineet Punia
Chief University Security	Dr. Jatinder Grover
Director Sports	Dr. Parminder Singh
Director Youth Welfare	Dr. Nirmal Singh Jaura
Director NSS	Professor Yog Raj Angrish
Co-ordinator Swachh Bharat Abhiyan	Professor Seema Kapoor

TABLE OF CONTENTS
INDEX

PART-A

	PAGE
1. Anthem	
2. Ragging	
3. General Important Guidelines	i
4. Important Dates for Admissions	v
5. Academic Calendar	vi
6. Location of Departments & Intercom Numbers	viii
7. Profile	xii
8. Campus Offices & Activities	xxviii
9. Fee Structure	I
10. Refund of Tuition Fee Rules, Fee Concessions & Financial Assistance (Scholarships) and Guidelines for freship and tuition fee concession.	lxv

University Teaching Departments (Faculty Wise)

I. Faculty of Arts

1. Ancient Indian History, Culture & Archaeology	1
2. Defence & National Security Studies	3
3. Economics	6
4. Gandhian and Peace Studies	9
5. Geography	12
6. Guru Nanak Sikh Studies	18
7. History	20
8. Institute of Social Sciences Education & Research	22
9. Library & Information Science	26
10. Philosophy	28
11. Political Science	30
12. Psychology	32
13. Public Administration	34
14. Sociology	38
15. School of Communication Studies	42
16. University Institute of Emerging Areas in Social Sciences	
(i) Social Works	46
(ii) Police Administration	49
(ii) Human Rights & Duties	53
17. Women's Studies & Development	56

II. Faculty of Business Management and Commerce

1. University Business School	59
2. University Institute of Applied Management Sciences	63
3. University Institute of Hotel and Tourism Management (UIHTM)	66

III. Faculty of Design and Fine Arts

1. Art History & Visual Arts	75
2. Indian Theatre	76
3. Music	77

IV. Faculty of Education	
1. Community Education & Disability Studies	81
2. Education	83
3. Institute of Educational Technology & Vocational Education	87
4. Life Long Learning & Extension	89
5. Physical Education	91
V. Faculty of Engineering & Technology	
1. Dr. S.S.B. University Institute of Chemical Engineering & Technology	95
2. University Institute of Engineering & Technology	99
3. UCIM/SAIF/CIL/RSIC	104
VI. Faculty of Languages	
1. Chinese and Tibetan	107
2. Dayanand Chair	108
3. English & Cultural Studies	109
4. French & Francophone Studies	112
5. German	114
6. Guru Ravi Dass Chair of Sant Sahitya Studies	115
7. Hindi	115
8. School of Punjabi Studies	
(i) Punjabi	116
(ii) Bhai Vir Singh Chair	118
(iii) Sheikh Baba Farid Chair	118
(iv) Punjabi Lexicography	119
9. Russian	119
10. Sanskrit	120
11. Urdu/Persian	121
12. Vishveshvaranand Vishwa Bandhu Institute of Sanskrit and Indological Studies, Hoshiarpur	124
VII. Faculty of Law	
1. Laws	129
2. University Institute of Legal Studies	136
VIII. Faculty of Medical Science	
Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital	151
IX. Faculty of Pharmaceutical Sciences	
University Institute of Pharmaceutical Sciences	153
X. Faculty of Science	
1. Anthropology	159
2. Biochemistry	163
3. Biophysics	164
4. Biotechnology	169
5. Botany	170
6. Chemistry	173
7. (i) Computer Science & Applications	175
(ii) Computer Centre	177
8. Environment & Vocational Studies	178
9. Geology	181
10. Institute of Forensic Science & Criminology	184
11. Mathematics	185

12.	Microbiology	187
13.	National Centre for Human Genome Studies & Research	189
14.	Physics	191
15.	Statistics	194
16.	Centre for Medical Physics	196
17.	Microbial Biotechnology	197
18.	Centre for Nano Science & Nano Technology	198
19.	Centre for Nuclear Medicine	200
20.	Centre for Public Health	202
21.	Centre for Stem Cell & Tissue Engineering	203
22.	Centre for System Biology & Bioinformatics	204
23.	Zoology	207
24.	University Institute of Fashion Technology & Vocational Development	210

XI. Multi-Faculty Departments

1.	Evening Studies–Multidisciplinary Research Centre	213
2.	University School of Open Learning	223
3.	P.U. Regional Centre, Muktsar	226
4.	P.U. Rural Centre, Kauni, Muktsar	227
5.	P.U. Regional Centre, Ludhiana	228
6.	P.U. Swami Sarvanand Giri Regional Centre, Bajwara, Hoshiarpur	229

PART-B RULES FOR ADMISSIONS

1.	Rules for admission to various courses/reservation of seats	233
2.	Eligibility Conditions	238
3.	Inter-changeability and transfer of seats	238
4.	Admission based on JEE & CAT	238
5.	Additional seats for Foreign Nationals/NRI candidates	239
6–12	Criteria for Admission to various Courses	239
13.	Admission to M.A. Semester I on the basis of Master Degree in another subject	239
14.	Compartment Candidate	253
15.	Admission to M.A. 3 rd Semester for outside Candidates	253
16.1	Weightages	254
16.2	Additional weightages	256
17.	Resolving of ties	257
18.	Interviews	257
19.	Preparation of final merit list/waiting list	257
20.	Revision of Merit & Placement of Applicants	258
21.	Rejection of incomplete application forms	258
22.	Cancellation of seats/admissions	258
23.	Admission for late applicants with high merit	258
24.	Admission of students whose results are revised (re-evaluation)	259
25.	Verification of certificates	259
26.	Certificates concerning gap years	260
27.	Verification of SC/ST certificates	260
28.	Medical check up	260
29.	Admission of ICCR-Sponsored students	260
30.	Creation of additional seats with a vocational subject	260
31.	Difference in interpretation	260
32.	Medical Examination Form	261
33.	Specimen of Certificates	262
34.	Guidelines for admission to the reserved category of sports	269

PANJAB UNIVERSITY, CHANDIGARH

This is for the information of the students of the Panjab University Campus that

“RAGGING IS COGNIZABLE OFFENCE AND IS BANNED IN ANY FORM INSIDE & OUTSIDE THE CAMPUS ”

Ingredients/forms of Ragging	Punishments
<ul style="list-style-type: none">- Abetment to ragging;- Criminal conspiracy to rag;- Unlawful assembly and rioting while ragging;- Public nuisance created during ragging;- Violation of decency and morals through ragging;- Injury to body, causing hurt or grievous hurt;- Wrongful restraint;- Wrongful confinement;- Use of criminal force;- Assault as well as sexual offences or unnatural offences;- Extortion;- Criminal trespass;- Offences against property;- Criminal intimidation;- Attempts to commit any or all of the above mentioned offences against the victim(s);- Physical or psychological humiliation;- All other offences following from the definition of “Ragging”.	<ul style="list-style-type: none">- Cancellation of admission.- Suspension from attending classes and academic privileges;- Withholding/withdrawing scholarship/fellowship and other benefits;- Debarring from appearing in any test/examination or other evaluation process;- Withholding Results;- Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.;- Suspension/expulsion from the hostel;- Cancellation of admission;- Rustication from the Institution for period ranging from 1 to 4 semesters;- Expulsion from the institution and consequent debarring from admission to any other institution for a specified period;- Fine ranging between Rs. 25,000/- to Rs. 1 Lakh;- Rigorous imprisonment upto 3 years;- Collective punishment : When the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment.

Student becoming a victim of ragging should immediately inform to the concerned

Chairperson/ Warden as the case may be besides contacting on Helpline nos. given below :

Dean Student Welfare

Helpline Numbers for reporting ragging :

Dean Student Welfare	8283806486, Mail : dsw@pu.ac.in
Dean Student Welfare (W)	9815913327
Assistant Registrar (DSW)	2541596, 2534565, 9041456345
Chief-Security Officer	2534891, 2534289, 2536164, 9855425672
Security Officers	9501229494, 9872877744, 9888307832, 9569577963
PU SECURITY HELPLINE NUMBER	<u>9779737403</u> (24 HOURS SERVICE)

**Sexual harassment is a serious criminal offence.
Follow the code of conduct and discipline for
the avoidance of this evil on the
University Campus.**

**Composition of Panjab University Committee Against
Sexual Harassment (PUCASH)
(For August 2015 to July 2017)**

1.	Professor Nishtha Jaswal Department of Laws	9815554485	Chairperson
2.	Professor Navdeep Goyal Dean Student Welfare	9216577500	Member
3.	Dr. Vishal Sharma Warden, Boys Hostel No. 6	9317782111	Member
4.	Dr. Kanwalpreet Kaur Warden, Girls Hostel No. 8	9814159535	Member
5.	Ms. Puneet Kaur Research Scholar, Department of Women Studies		Member
6.	Dr. Upneet Lalli Deputy Director, Institute of Correctional Administration, Sector-26, Chandigarh	9464541238	Member
7.	Mrs. Amar Kulwant Singh Member, NGO, #3229, Sector-15, Chandigarh	0172-2780505	Member
8.	Mrs. Sabina Salim Associate Professor, UILS	9814958419	Member
9.	Suraksha Sobti Assistant Registrar (Secrecy)	9780949243	Member
10.	Neelam Kumari Assistant Registrar, Department of Laws	9780212772	Convener

Shaan-a-Shauqat

PANJAB UNIVERSITY ANTHEM

तमसो मा ज्योतिर्गमयः	Tamso ma jyotirgamaya
तमसो मा ज्योतिर्गमयः	Tamso ma jyotirgamaya
तमसो मा ज्योतिर्गमयः	Tamso ma jyotirgamaya
तमसो मा ज्योतिर्गमयः	Tamso ma jyotirgamaya
पंजाब विश्वविद्यालय	Panjab vishaw vidyalaya
तेरी शान- ओ - शौकत सदा रहे	Teri shaan-o-shauqat sada rahe
मन में तेरा आदर मान	Mann mein tera aadar maan
और मोहब्बत सदा रहे	Aur mohabbat sada rahe
पंजाब विश्वविद्यालय	Panjab vishaw vidyalaya
तेरी शान- ओ - शौकत सदा रहे	Teri shaan-o-shauqat sada rahe
तू है अपना भविष्य विधाता	Tu hai apna bhavishya vidhata
पंख बिना परवाज़ सिखाता	Pankh bina parwaaz sikhata
जीवन पुस्तक रोज़ पढ़ा कर	Jeevan pustak roz padha kar
सही गलत की समझ बढ़ाता	Sahi galat ki samajh badhata
जीवन पुस्तक रोज़ पढ़ा कर	Jeevan pustak roz padha kar
सही गलत की समझ बढ़ाता	Sahi galat ki samajh badhata
तेरी जय का शंख बजायें	Teri jai ka shankh bajayein
रौशन तारे बन जायें	Roshan tare ban jaayein
वखरी तेरी शोहरत	Vakhari teri shohrat
तेरी शोहरत सदा सदा रहे	Teri shohrat sada sada rahe
पंजाब विश्वविद्यालय	Panjab vishaw vidyalaya
तेरी शान- ओ - शौकत सदा रहे	Teri shaan-o-shauqat sada rahe
पंजाब विश्वविद्यालय	Panjab vishaw vidyalaya
तेरी शान- ओ - शौकत सदा रहे	Teri shaan-o-shauqat sada rahe
तमसो मा ज्योतिर्गमयः	Tamso ma jyotirgamaya
तमसो मा ज्योतिर्गमयः	Tamso ma jyotirgamaya

**PANJAB UNIVERSITY POLICY FOR THE
PROTECTION, PREVENTION, PROHIBITION
AND REDRESSAL OF WOMEN FROM SEXUAL
HARASSMENT AT WORKPLACE**

PREAMBLE

WHEREAS the Panjab University, with its rich heritage and academic excellence, is committed to creating, maintaining and preserving an environment free of violence, harassment, exploitation and intimidation on the basis of gender, in which different stakeholders comprising students, teachers and non-teaching staff can work together, realizing their full potential to achieve excellence.

WHEREAS Article 11 of the Convention on Elimination of All Forms of Discrimination (CEDAW), to which India is a party, requires State Parties to take all appropriate measures to eliminate discrimination against women in the field of employment. Equality in employment can be seriously impaired when women are subjected to gender specific violence such as sexual harassment at the workplace.

WHEREAS the Supreme Court of India in the case of *Vishaka v. State of Rajasthan* [(1997) 7 SCC 323] also affirmed that sexual harassment at workplace is a form of discrimination against women and recognized that it violates the constitutional right to equality and provided guidelines to address this issue pending the enactment of a suitable legislation.

WHEREAS consequent upon CEDAW and guidelines by the Supreme Court, the Parliament enacted a law “The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 covering the entire ambit of protection against sexual harassment of women at workplace, for the prevention and redressal of complaints of sexual harassment and for matters connected therewith or incidental thereto.

WHEREAS in order to cover other grey areas not dealt in under the Act, it is expedient and necessary to frame policy in consonance with the structure and form of the central legislation.

IN ORDER TO FULFIL THE OBJECTIVES OF THE LEGISLATION, HENCE THIS POLICY

A. Extent and Scope

1. This Policy may be called 'Panjab University Policy for the Protection, Prevention, Prohibition and Redressal of Women from Sexual Harassment at Workplace' and shall come into force with effect from the date it is approved by the Syndicate.
2. The Policy is in furtherance of "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and the "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Rules, 2013".

B. The definition of 'Sexual Harassment' is same as under the "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013".

C. The Internal Complaints Committee is given the nomenclature 'Panjab University Committee Against Sexual Harassment (PUCASH)', . Manner and methods of constitution and functioning of the PUCASH shall be as per the "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013".

D. The Panjab University Committee Against Sexual Harassment (PUCASH) will be constituted in the month of June for a term of 3 years, starting 1st July of the year, by the Syndicate, as per Section 4 of the Act "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013".

In each case, the report of PUCASH will be submitted to the appropriate punishing authority as under :

1. Vice-Chancellor–in case of students
2. Registrar–in case of Class 'C' employees
3. Vice-Chancellor–for employees of Class 'B' in the category of clerks, including those in the equivalent/corresponding pay-scales of clerks.

4. Syndicate—for employees of Class ‘B’ in the category of Assistants, including those in the equivalent/corresponding pay-scales of Assistants.
5. Senate for Class ‘A’ Officers and all others.

E. PENALTY

1. In case of employees, the penalty shall be as per the “The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013”.
2. In case of students, the following penalties may be imposed :—
 - a) Restricting the students from participation in any event of the Department/University.
 - b) Suspension from classes for a period upto equivalent to the total term of the course.
 - c) Expulsion from the University.
 - d) In addition to the above mentioned penalties at (a), (b) and (c), fine which may extend to Rs. 50,000/- but shall not be less than Rs. 10,000/-, may also be imposed.
3. PUCASH may recommend compensation to be paid by the respondent to the victim keeping in view the mental/physical/emotional/psychological impact of sexual harassment on the victim.

F. POWER TO REMOVE DIFFICULTIES

If any difficulty arises in giving effect to the Policy, the Syndicate may, as it may appear necessary to it for removing the difficulty, make changes in the Policy which are consistent with the letter and spirit of “The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013”.

THIS POLICY is, hereby, adopted by the Panjab University to ensure the compliance of “The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013” and “The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Rules, 2013”.

List of fake Universities as on 15 March, 2016

www.ugc.ac.in

1. Maithlli University/ Vishwavidyalaya, Darbhanga, Bihar.
2. Commercial University Ltd., Daryaganj, Delhi.
3. United Nations University, Delhi.
4. Vocational University, Delhi.
5. ADR-Centric Juridical University, ADR House, 8J, Gopala Tower, 25 Rajendra Place, New Delhi-110008.
6. Indian Institute of Science and Engineering, New Delhi.
7. Badaganvi Sarkar World Open University Education Society, Gokak, Belgaum (Karnataka).
8. St. John's University, Kishanttam, Kerala.
9. Raja Arabic University, Nagpur.
10. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.
11. Indian Institute of Alternative Medicine, Kolkatta.
12. Institute of Alternative Medicine and Research, 8-A, Diamond Harbour Road, Bultech inn, 2nd Floor, Thakurpurkur, Kolkatta - 700063.
13. Varanaseya Sanskrit Vishwavidyalaya, Varanasi (U.P.), Jagatpuri, Delhi.
14. Mahila Gram Vidyapith/ Vishwavidyalaya, (Women's University) Prayag, Allahabad (U.P.).
15. Gandhi Hindi Vidyapith, Prayag, Allahabad (Uttar Pradesh)
16. National University of Electro Complex, Homeopathy, Kanpur (Uttar Pradesh).
17. Netaji Subhash Chandra Bose University (Open University), Achaltal, Aligarh (Uttar Pradesh).
18. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura (Uttar Pradesh).
19. Maharana Partap Shiksha Niketan Vishwavidyalaya, Partapgarh (Uttar Pradesh).
20. Indraprastha Shiksha Parishad, Institutional Area, Khoda, Makanpur, Noida Phase-II, Uttar Pradesh.
21. Gurukul Vishwavidyalaya, Vrindawan (Uttar Pradesh).
22. Nababharat Shiksha Parishad, Anupoorna Bhawan, Plot No. 242, Pani Tanki Road, Shaktinagar, Rourkela-769014.

***Bhartiya Shiksha Parishad, Lucknow, UP - the matter is subjudice before the District Judge - Lucknow**

GENERAL IMPORTANT GUIDELINES

- (i) The Senate at its meeting held on 30.9.2001 decided that :
The requirement of 75% of the total number of lectures, tutorials, seminars, practicals, etc. stipulated in the U.G.C. letter No. F.I-8 (CPP-II) dated 26.7.2001 be made applicable from the academic session 2002-2003.
The Chairpersons of the Teaching Departments and Co-ordinators/Directors of the respective Teaching Centres will display the shortage of lectures on the notice board at the end of every month for information of the students.
- (ii) The candidates seeking admissions in any of the University Courses shall submit their admission forms duly filled in, complete in all respect on or before the prescribed date for receipt of such application forms irrespective of the date of declaration of results.
- (iii) Fees/Funds and charges payable for various courses by the students shall be as prescribed by the Syndicate of the Panjab University, Chandigarh from time to time.
- (iv) The fee which is collecting at the time of admission for the newly admitted students and the original certificates, should be refunded/returned to the students who opt out after taking admission by the teaching departments/centres/institutes.
- (v) Candidates desirous of applying for admission to University teaching departments for the session 2016-2017 can download admission form from P.U. Website www.puchd.ac.in free of cost. However, those finally admitted will be charged Rs. 65/- as cost of admission form along with admission fees.
- (vi) **The candidate who has applied online for the Entrance Test for Courses under P.U.-CET-(P.G.) must submit a separate Admission Form to the concerned department/Centre after the Entrance Test, irrespective of the declaration of result in Entrance Test.**
- (vii) ***Post Graduate Courses for which online admission forms are to be filled : Journalism and Mass Communication, English, Geography, Remote Sensing & G.I.S., Disaster Management, Sanskrit, Gandhian & Peace Studies, History of Arts, Music (Vocal & Instrumental), Indian Theatre, Social work, Police Administration, Human Right & Duties, Ancient Indian History, Culture and Archaeology, Defence and National Security Studies, Economics, French, Comparative Study of Religions (GNSS), Hindi, History, Philosophy, Political Science, Psychology, Public Administration, Punjabi, Sociology, Urdu, Women's Studies, (English, Economics, History, Political Science, Punjabi in Department of Evening Studies). For details, visit <http://pgadmissions.puchd.ac.in>***
- (viii) The degree/s awarded by CMJ University, Shillong (Meghalaya), irrespective of year of award of degree, shall be deemed de-recognized w.e.f. session 2013-2014.

General

Students of the B.Sc. (Honours School) study one major subject and two other subjects in the first 2-year of their Course. In addition they study English as preliminary subject during first year only. It is for the general guidance of the students that they must observe the following :-

1. Regulation regarding the attendance requirements will be strictly enforced as per regulation 3 at page 151 of the Cal. Vol. I, 2007, which reads as under :-

“Every student shall attend his classes on all working days unless he is granted leave of absence by the Head of the Department/College. If a student remains absent from his classes for a continuous period of seven days without leave, his name shall be struck off the rolls. Provided that he may be allowed re-admission in accordance with the Rules”.

2. All the students may carry their Identity Cards while going to attend subsidiary classes in other departments.

3. The various Science Departments may co-ordinate the educational tours of their students in such a way that the subsidiary classes are not disrupted unduly.

4. The final certificate issued to the Hons. School students will indicate the number of courses/reappears availed of by them for each course.

5. Wherever NRI is mentioned in Part-A of this Volume, it stands for the category Foreign National/NRI.

6. That the first three toppers of the Panjab University P.U. (CET)-(U.G.) Entrance Test, i.e. one each in the category of General, Women and SC/ST who join the courses at the Panjab University Campus, may be exempted from payment of tuition fee during first year and subsequently on the result of 1st year/2nd year/3rd year Classes as the case may be. [Extract from Syndicate Paragraph-I, dated 26-4-2003].

Admissions :

All admissions to the various courses in the University will be governed by the Rules and Regulations for admission as approved by the relevant bodies of the university.

At the time of admission, the student should submit an undertaking whether he/she has any criminal background and has been convicted under any criminal offence. He/She should also state in the undertaking if any FIR is registered against him/her or if any criminal proceedings are still pending against him/her at the time of submission of application. Further, the student should also state in the undertaking that he/she will not possess/carry any weapon on the University Campus and if any weapon is recovered from him/her, he/she be rusticated.

(Syndicate Para 6, dated 29-3-2011)

Ph.D. Entrance Test :

Enrolment to Ph.D. in the Faculties of Arts, Science, Languages, Education, Design & Fine Arts, Laws, Engineering and Business Management & Commerce is based on Entrance Test except for certain categories approved by the Syndicate.

The University will hold an Entrance Test for M.Phil. Course in the Departments of A.I.H.C.A., Economics, Gandhian and Peace Studies, History, Music, Political Science, Police Administration, Philosophy, Public Administration, Sociology, C.D.N.S.S., English, Punjabi, Botany, Statistics, Physical Education GGSS, VVBIS & IS and **P.U. R.C., Muktsar**, (Punjabi).

The level of Aptitude Entrance Test for **M.Phil.** and **Ph.D.** has been same. If Entrance Test qualified candidates would be interested to join **M.Phil.** programme in any Teaching Departments approved for the purpose, they would be allowed to do so.

For the Rules and Regulations, please see Part-B (Rules for Admissions) of this Handbook of Information.

In case of any discrepancy arising out of the context of Part-A and Part-B of this volume, Part-B will take precedence.

10% seats over and above the total number of regular seats in each course are reserved for the Foreign Nationals/NRI candidates. The decision of the Syndicate/Senate where the seats have already been granted more than the 10% seats will also prevail.

Foreign Nationals/NRI candidates seeking admission to the concerned courses are required to compete amongst themselves for the seats reserved for them by appearing in the Entrance Test (wherever applicable) if they are in India. However those who living abroad at the time of entrance test will be exempted from the entrance test.

(Syndicate Para 30, dated 16-1-2014)

Condonation of shortage of Lectures

That in order to make improvement in the procedure for condonation of shortage of lectures of the students of Teaching Departments and the Regional Centres of the University, the Syndicate vide Paragraph 24 dated 04 & 16-1-2014, has resolved that :-

- (1) the cases for condonation of shortage of lectures be sent directly to the D.U.I. office by the concerned Department and later on, the same be sent to the Vice-Chancellor/Syndicate to avoid delay in the processing of the case;
- (2) the case of the candidates, who do not fulfil the minimum requirement of 33% lectures (according to the criteria of each department), be not considered for condonation of shortage of lectures;
- (3) D.S.W. (Men) and D.S.W. (Women) be directed to ensure that list of students, who participate in cultural programme, be sent to the concerned Department within 15 days of the organization of the event;
- (4) the supporting document for condonation of shortage of lectures be deposited to the Head of the Department within 15 days (calendar days) after joining the Department after availing leave due to illness or any other reason; and
- (5) the existing rules, which are applicable as per Senate decision taken in its meeting held on 12.10.2003 and 31.10.2012, be strictly implemented for the cases of the condonation of shortage of lectures.
- (6) In the case of a candidate who joined late owing to late declaration of result or who sought admission provisionally till the declaration of the result of the lower examination, the lectures shall be counted from after 10 days of the declaration of the result or the date of his joining, whichever is earlier. *(Calendar Vol. III, 2009 pg 264 item No. 8)*

IMPORTANT DATES FOR ADMISSION

Following is the schedule for admissions to the University Teaching Departments for the session 2016-2017 :-

Class/Course	Normal Admission Without late fee	Late admission to be allowed by the Chairperson of the Department, with late fee of Rs. 560/-	Late admission with permission of the V.C. with late fee of Rs. 2040/-
I. 1st Year of M.A./M.Sc./ M.Sc. (Hons. School)/ M.Pharm./M.Com. and all other Courses (except II below).	07.07.2016 to 16.07.2016	18.07.2016 to 01.08.2016	02.08.2016 to 20.08.2016
II. Certificate/Diploma/ Adv. Dip. Courses	22.07.2016 to 01.08.2016	02.08.2016 to 08.08.2016	09.08.2016 to 20.08.2016
III. Ongoing Courses/ Classes*	Upto 20.07.2016	21.07.2016 to 01.08.2016	02.08.2016 to 20.08.2016

*In case the result of a class has already been declared, the teaching work of ongoing class will start w.e.f. 11.07.2016 or those classes for which the result has not been declared so far, the ongoing classes will start on 4th working day after the date of declaration of the result.

- Notes :**
1. All the University Teaching Departments should strictly adhere to the dates of admissions as indicated above. In no case should any admission be made before the dates of normal admission as specified above.
 2. The Vice-Chancellor may permit late admission upto the date specified in the above mentioned admission schedule, on payment of late fee of Rs. 2040/- payable to the University. While recommending such applications for prior permission of the Vice-Chancellor, it may be ensured that the late fee of Rs. 2040/- has been remitted by the candidate.

The SBI Receipt No. and date may also be mentioned in the application. No application received without late fee of Rs. 2040/- will be entertained for granting prior permission of the Vice-Chancellor.

Prior permission of the Vice-Chancellor is necessary for admission after the expiry of the last date for each course as indicated in column 2 above. If such permission is not sought and the admission is made in anticipation of the approval of the Vice-Chancellor, post-facto permission will not be given.

A student whose result of +2 examination conducted by a *School Board* is published late *but not later than 10th August of the year of admission*, may be admitted without late fee within 15 working days of the declaration of the result, and his/her attendance shall be counted from the date of admission. *This would be applicable to an Open School Board also.*

3. In case admission dates fall on Saturday/Sunday, the University (Teaching Departments/ Administrative Offices) shall remain open.

4. **All the candidates who apply for admission be informed through e-mail/message/ phone call about the date of counselling and the deposit of fee also.**

**Academic Calendar for the session 2016-2017 for the Panjab University Teaching Departments/
Regional Centres having Semester System of Examination :**

Summer Vacation	25-05-2016 (Wednesday)	to	06-07-2016 (Wednesday)	(43 days)
------------------------	---------------------------	----	---------------------------	-----------

Academic Calendar

Teaching Departments Regional Centres of the University Open on	07-07-2016 (Thursday)
---	--------------------------

Admission Schedule

Normal Admission for ongoing and new classes (except for those classes in which admission is through PU-CET (U.G & P.G))	07-07-2016 (Thursday)	to	16-07-2016 (Saturday)	(9 days)
--	--------------------------	----	--------------------------	----------

Late admission for ongoing and classes to be allowed by the Chairperson of the University Teaching Department/Regional Centres with late fee of Rs. 560/- per student.	18-07-2016 (Monday)	to	01-08-2016 (Monday)	(13 days)
---	------------------------	----	------------------------	-----------

Admission for classes through CET tentative	09-07-2016 (Saturday)
---	--------------------------

Teaching starts

(i) For ongoing classes	11-07-2016 (Monday)
-------------------------	------------------------

(ii) For new admission classes (those admitted through PU-OCET (U.G & P.G) tentative	18-07-2016 (Monday)
--	------------------------

Late admission in the University Teaching Departments/Regional Centres to be allowed by the Vice-Chancellor with late fee of Rs. 2040/- per student.	02-08-2016 (Tuesday)	to	20-08-2016 (Saturday)	(16 days)
---	-------------------------	----	--------------------------	-----------

(Saturday is working during normal admission days)

Academic Term-I (a)

1st, 3rd, 5th, 7th Semester	11-07-2016 (Monday)	to	10-10-2016 (Monday)	(63 Teaching days)
Autumn Break	11-10-2016 (Tuesday)	to	17-10-2016 (Monday)	(07 days)
Academic Term-I(b)	18-10-2016 (Tuesday)	to	02-12-2016 (Friday)	(32 days)

Total Teaching days of Academic Term I=63+32= 95 days

End Semester Examinations	03-12-2016 (Saturday)	to	28-12-2016 (Wednesday)	(22 days including Saturday)
Semester Vacation (Winter Break)	29-12-2016 (Thursday)	to	01-01-2017 (Tuesday)	(13 days)

**Academic Term-II
2nd, 4th, 6th & 8th Semester**

University reopens after Semester Examinations	11-01-2017 (Wednesday)	to	16-05-2017 (Tuesday)	(86 Teaching days)
---	---------------------------	----	-------------------------	--------------------

Total Teaching days of Academic Term II = 86 days

End Semester Examinations	17-05-2017 (Wednesday)	to	31-05-2017 (Wednesday)	(13 days including Saturday)
Summer Vacation (Tentative)	01-06-2017 (Thursday)	to	08-07-2017 (Saturday)	(38 days)

Total teaching days of academic term I & II = 95+86 = 181 days

Note : The Departments/Regional Centres are free to fix the dates of test/sessionals as per their convenience.

Adjustments, if any, in the Semester Schedule of certain University Teaching Departments/Regional Centres may be allowed by the Dean of University Instruction in special cases.

LOCATION OF DEPARTMENTS AND PHONE NUMBERS*

Department/Centres	Location	EPABX Intercom No.
I. Faculty of Arts		
1. Ancient Indian History, Culture & Archaeology	Arts Block No. II	4629
2. Defence & National Security Studies	Arts Block No. III	4398
3. Economics	Arts Block No. III	4720
4. Gandhian and Peace Studies	Gandhi Bhavan	4183
5. Geography	M.R. Sahni Hall	4258
6. Guru Nanak Sikh Studies	Guru Teg Bahadur Bhawan	4337
7. History	Arts Block No. II	4623
8. Institute of Social Science Education & Research	Guru Teg Bahadur Bhawan	4426
9. Library & Information Science	Arts Block No. IV	4769
10. School of Communication Studies	Arts Block No. VII	4634
11. Philosophy	Arts Block No. IV	4776
12. Political Science	Arts Block No. IV	4755
13. Psychology	Hans Raj Gupta Hall	4542
14. Public Administration	Arts Block No. III	4732
15. Sociology	Arts Block No. IV	4739
16. Department-cum-Centre for Women's Studies & Development	Arts Block No. VI	4762
17. Centre for Emerging Areas in Social Sciences		
(a) Social Works	Adjoining Botany Deptt.	4983
(b) Police Administration	-do-	6191
(c) Human Rights & Duties	-do-	4548
II. Faculty of Business Management and Commerce		
1. University Business School	Arts Block No. III	4701
2. University Institute of Applied Management Sciences	Sector 25	4499
3. University Institute of Hotel & Tourism Management	UIHTM Building	4498, 6190
III. Faculty of Design and Fine Arts		
1. Art History & Visual Arts	Fine Arts Block	4190
2. Indian Theatre	Open-Air Theatre	4658
3. Music	Near RRC Building	4339

IV. Faculty of Education

1. Community Education & Disability Studies	RRC Building	4154
2. Education	Arts Block No. II	4601
3. Institute of Educational Technology & Vocational Education	Old DCC Building	4381
4. Life Long Learning & Extension	Adjoining Botany Deptt.	4335
5. Physical Education	Arts Block No. II	4609

V. Faculty of Engineering & Technology

1. Dr. S.S. Bhatnagar University Institute of Chemical Engineering & Technology	Dr. S.S.B. UICET Building	4901
2. UCIM/SAIF/CIL/RSIC	CIL Building	4047
3. University Institute of Engineering & Technology	Sector 25	4995

VI. Faculty of Languages

1. Chinese and Tibetan	Arts Block No. V	4685
2. Dayanand Chair for Vedic Studies	Arts Block No. I	4666
3. English	Arts Block No. I	4638
4. French and Francophone Studies	Arts Block No. V	4681
5. German	Arts Block No. V	4683
6. Guru Ravi Dass Chair of Sant Sahitya Studies	Old DCC Building	4338
7. Hindi	Arts Block No. II	4616
8. School of Punjabi Studies		
(i) Punjabi	Arts Block No. I	4653
(ii) Bhai Vir Singh Chair	Arts Block No. I	4668
(iii) Sheikh Baba Farid Chair	Arts Block No. I	4345
(iv) Punjabi Lexicography	Arts Block No.V	4673
9. Russian	M.R. Sahni Hall	4273
10. Sanskrit	Arts Block No. I	4646
11. Urdu	Chem. Engg. Building	4936
12. Vishveshvaranand Vishwa Bandhu Institute of Sanskrit and Indological Studies, Hoshiarpur		01882-221002

VII. Faculty of Law

1. Laws	Law Deptt. Building	4157
2. University Institute of Legal Studies	UILS Building	4696

VIII. Faculty of Medical Sciences

Dr. H.S. Judge Institute of Dental Sciences & Hospital	Sector 25	4687
--	-----------	------

IX. Faculty of Pharmaceutical Sciences

University Institute of Pharmaceutical Sciences	BMS Block	4101
---	-----------	------

X. Faculty of Sciences

1.	Anthropology	Vishwa Nath Hall	4223
2.	Biochemistry	BMS Block-II, Sector-25	4131
3.	Biophysics	BMS Block II, Sector-25	4119
4.	Biotechnology	BMS Block-I, Sector-25	4085
5.	Botany	Kashyap Block	4001
6.	Chemistry	Chemistry Block	4401
7.	Computer Science & Application	Computer Science Block	4061
8.	Computer Centre	Computer Science Block	4077
9.	Environment & Vocational Studies	Kashyap Block	4015
10.	Institute of Forensic Science & Criminology	BMS Block	4125
11.	National Centre for Human Genome Studies & Research	BMS Block	4109
12.	Geology	M.R. Sahni Hall	4235
13.	Mathematics	Hans Raj Gupta Hall	4501
14.	Microbiology	BMS Block-I Sector-25	4140
15.	Physics	Physics Block	4446
16.	Statistics	Hans Raj Gupta Hall	4529
17.	Zoology	Vishwa Nath Hall	4201
18.	Microbial Biotechnology	CIL Building	4660
19.	Centre for Emerging Areas in Science and Technology		
	(i) Public Health	BMS, Block-II Sector-25	6192
	(ii) System Biology & Bioinformatics	BMS Block-III Sector-25	4603
	(iii) Nuclear Medicine	BMS Block-IV Sector-25	4141
	(iv) Nanoscience & Nano-technology	BMS Block-II Sector-25	4148
	(v) Medical Physics	Block No. 3-4 South Campus Sector-25	4591
	(vi) Stem Cell & Tissue Engineering	BMS Block	4197
20.	University Institute of Fashion Technology & Vocational Development	Adjoining Botany Deptt.	6135

XI. Multi-Faculty Departments

1.	Evening Studies-Multidisciplinary Research Centre	Arts Block-I	4645
2.	University School of Open Learning	DCC Building	4301
3.	Regional Centre, Muktsar		01633-63857, 261489
4.	Rural Centre, Kauni, Muktsar		01633-280280
5.	Regional Centre, Ludhiana		0161-2449558, 2448917
6.	Swami Sarvanand Giri Regional Centre, Bajwara, Hoshiarpur		01882-282221

*Please prefix 253 to the above numbers in case you are ringing from BSNL Telephone from outside or within the University. For example to contact the office of the Dean of University Instruction, please ring up 2534291 from BSNL Phone, and 4291 from EPABX number within the University Campus.

XII. Misc. Departments/Centres

1.	Centre for Study of Mid-West and Central Asia	Arts Block-III	4757
2.	Centre for Study of Geopolitics	Arts Block-III	4757
3.	Centre for Study of Social Exclusion and Inclusive Policy	Arts Block-VII	4753
4.	Centre for Vivekananda Studies	Guru Teg Bahadur Bhawan Near USOL	4786
5.	IAS & other Competitive Exams.	Near RRC Building	4380
6.	Central Placement Cell	DSW's Office premises	4581
7.	Central Animal House	BMS Block	4100
8.	Central for Industry-Institute Partnership Programme (C.I.I.P.P.)	Old DCC Building	4352
9.	Population Research Centre	Arts Block-IV	2543921, 4788
10.	Youth Welfare	Adjoining UILS Building	4152, 4153
11.	N.S.S.	Dr. S.S.B. UICET Building	4934
12.	Research Bulletin (Science)	Old DCC Building	4376
13.	Research Bulletin (Arts)	Arts Block-IV	4375
14.	Ambedkar Centre	Arts Block-VII	4753
15.	Academic Staff College		4031
XIII	Chief Vigilance Officer	Aruna Ranjit Chandra Hall	4843
XIV	Centre for Skill Development & Entrepreneurship	Aruna Ranjit Chandra Hall	



PANJAB UNIVERSITY : A PROFILE

- ◆ Ranked number one amongst Universities in India and Ranked 363 in the Thomson Reuters-powered 'Best Global Universities Rankings 2016' by US News and Global Report.
- ◆ Ranked 38 in Asia Times Higher Education Asian University Rankings, 2015.
- ◆ Ranked in the bracket 501- 600 internationally in the Times Higher Education World University Rankings, 2015-2016.
- ◆ Best Campus Award for 2016 by ASSOCHAM
- ◆ Top position in collaborations in CWTS Leiden Rankings 2015

Brief History and Present Infrastructure

One of the oldest Universities in India, the Panjab University (PU) initiated at Lahore in 1882, has a long tradition of pursuing excellence in teaching and research in science and technology, humanities, social sciences, performing arts and sports. The University supports excellence and innovation in academic programmes, promotes excellence in research, scholarship and teaching. The University is committed to attract and support the best students and faculty, who excel at teaching and research. In independent India, Panjab University with its Campus at Chandigarh and nearly two hundred colleges in Punjab state and Chandigarh U.T., has served various societal needs with distinction. The glorious traditions of the University established during the period of more than 133 years of its long service to the nation since its inception are a source of inspiration for the present generation of faculty members and students. By virtue of its history, experience, achievements and philosophy, the Panjab University has a national character and it enjoys an international stature drawing both faculty and students from all over the country and different parts of the globe. Its faculty includes some of the most distinguished scientists and academicians. It continues to attract celebrated scholars at the campus. Over the years, the reputation of the Panjab University has grown to emerge as an institution at the pinnacle in innovative teaching, research and community outreach.

In 1956 when the Panjab University was relocated at Chandigarh, it was at the red sandstone University campus designed by Pierre Jeannerette under the general guidance of Le Corbusier. Till the re-organisation of Punjab in 1966, the University had its regional centres at Rohtak, Shimla and Jalandhar and its affiliated colleges were located in the States of Punjab, Haryana and Himachal Pradesh and the Union Territory of Chandigarh. With the re-organization of Punjab, the University became an Inter-State Body Corporate catering to the newly organized States of Haryana, Himachal Pradesh and Punjab and the Union Territory of Chandigarh. Gradually, the colleges of Himachal and Haryana were affiliated to the Universities in the respective states and the Panjab University was left with the affiliated colleges in the Union Territory of Chandigarh and some parts of Punjab. The Panjab University Campus at Chandigarh accommodates seventy three teaching and research departments/institutes/centres besides four independent Chairs for research. Furthermore, the university has 189 affiliated/constituent colleges spread over Punjab and Chandigarh besides Regional Centres at Muktsar, Ludhiana, Hoshiarpur and Kauni. In addition, there is the Vishveshvaranand Vishwa Bandhu Institute of Sanskrit and Indological Studies at Hoshiarpur.

The Campus

Panjab University is located in Sector 14 and Sector 25 of Chandigarh, spreading across an area of almost 550 acres.

The layout of two campuses of the University has been conceived to meet the academic, administrative, sports/recreational, residential and other requirements of a growing University. To make it self-contained, infrastructural facilities like its own Shopping Centre, Health Centre, Bank, Post office, Swimming Pool, Gymnasium, Sports Grounds, Botanical Gardens, well maintained parks, Open Air Theatre, Guest Houses, Faculty House, Seminar Complexes, Alumni House, Community Centre and a school, have been provided. Besides these facilities, the University Campus has 8 hostels for boys, 9 hostels for girls, a Working Women Hostel and 2 sports hostels.

A cluster of prominent buildings like the Gandhi Bhawan, the Fine Arts Museum, the University Library and the Student Centre form the hub of social interaction. The three-winged structure of the Gandhi Bhawan, considered the pride of the University, is its most artistic building. The Fine Arts Museum, with its series of small galleries arranged around a courtyard, each gallery having a hyperbolic paraboloid roof (umbrella shaped), is not only an architectural but a structural marvel as well. The University Library, another key building, in the Sector 14 Campus is an RCC framed structure with red sandstone veneers. The Student Centre, with its circular base and a ramp pulsating around its cylindrical body, is another landmark building.

Teaching Departments/Centres

The academic institutes on the campus and four Regional Centres are grouped under the Faculties of Arts, Science, Languages, Law, Education and Fine Arts, Business Management and Commerce, Engineering and Technology, Medical Sciences, Pharmaceutical Sciences and Dairying, Animal Husbandry and Agriculture. Most of the departments have their own specialized libraries, and the working period runs for at least 180 days in a year.

The University School of Open Learning, a multi-disciplinary department, caters to more than 25000 distance learners and offers over 20 traditional and job oriented courses.

Centres of Excellence

Departmental Research Support (SAP/DRS), Centre for Advanced Study (CAS), Funds for Improvement of Science and Technology (FIST) and the Department of Special Assistance (DSA). The Departments covered under various UGC and DST Programmes are:

Centre for Advanced Study (CAS)	Departments of Anthropology, Chemistry, Geography, Geology, Mathematics, Physics, Political Science, Sociology, University Institute of Pharmaceutical Science and Zoology
Departmental Research Support (DRS)	Departments of Biotechnology, Botany, Economics, English and Cultural Studies, University Business School, SSB University Institute of Chemical Engineering & Technology and the University Institute of Engineering & Technology
Department of Special Assistance (DSA)	Department of Biochemistry, Statistics, Biophysics
Funds for Improvement of Science & Technology (FIST)	Departments of Anthropology, Biophysics, Biotechnology, Chemistry, Physics, University Institute of Pharmaceutical Sciences and Zoology

University with Potential for Excellence

The University has been recognized by the UGC as the "University with Potential for Excellence in Biomedical Sciences" with facilities for Stem Cell Research and Drug Development. During the 11th

Five Year Plan (2007-2012), it was awarded the following two Centres of Excellence by the UGC under the Scheme of Centre with Potential for Excellence in a Particular Area (CPEPA):

1. Centre of Excellence in "Application of Nano Materials, Nano Particles and Nano Composites", with a grant of Rs. 3.55 crore and
2. Centre of Excellence in "Cultural Fixation on Honor: A Gender Audit of Punjab and Haryana", with a grant of Rs. 1.85 crore

Research Initiatives

1. The University is participating in various prestigious International High Energy Research Programmes at Fermilab (USA), KEK (Japan) and CERN (Switzerland). At present, the University is involved in a big way in CMS and ALICE Experiments at CERN (European Organization for Nuclear Research) Switzerland and Neutrino Programme at Fermilab, USA. The CMS (Compact Muon Solenoid) project at the Large Hadron Collider is for the discovery of Higgs Boson and other new particles. Under such International Research programs, the University had earlier been involved in the Top Quark Discovery (1995) and CP-violation discovery (2001).

a. International Collaborations:

The University recently signed MoUs with University of Nottingham (UK), University of Birmingham (UK), Nottingham Trent University (UK) and University of Western Sydney (Australia). PU also has collaborations with National Science Technology and Development Agency, Thailand; University of Missouri, USA and Universidade de Aveiro, Portugal; International Crops Research Institute for Semi-Arid Tropics (ICRISAT), Hyderabad; International Centre for Agricultural Research in Dry Areas (ICARDA), Morocco for a joint collaborative project funded by the Consultative group on International Agricultural Research (CGIAR) consortium, funded by organisations such as UNDP and FAO, USA, UK, and Germany; International Centre for Agricultural Research in Dry Areas (ICARDA), Morocco; World Vegetable Research Centre, Taiwan through its South Asia Centre at Hyderabad and Baylor Medical centre, Dallas, U.S.A.

b. National Collaborations:

The University has various prestigious collaborations with a number of national institutes like Indian Agricultural Research Institute, Delhi; GB Pant University of Agriculture and Technology, Pantnagar; Himalayan Forest Research Institute, Shimla; IIT, Roorkee; PGIMER, Chandigarh; Nuclear Science, Delhi; IMTECH; CSIO, Chandigarh; Institute of Nuclear Medicine and Allied Sciences (INMAS), New Delhi; Jamia Hamdard University, Delhi; Atomic Energy Regulatory Board of India, Mumbai; Central University, Hyderabad; Agriculture University, Palampur; Inter University Consortium (Kolkata & Bhubaneswar).

2. Prominent Research Funding: The University is getting liberal grants for pursuing research from various national & international agencies. Recently, the Department of Science and Technology, Government of India, selected the Panjab University as one among the top fourteen universities of India for further funding under the Promotion of University Research and Scientific Excellence (DST-PURSE) programme. Under this prestigious scheme, the university will receive Rs. 34.8 crore for the development of research infrastructure, which could be utilized in the period from 2014 to 2018, of which Rs. 6 crore has already been received during 2014. To participate in the CMS project, the Department of Science and Technology and the Department of Atomic Energy have provided Rs. 19 crore for the Twelfth Five-Year Plan.

Internet And Communication Facilities

The Computer Centre of the University provides Fibre Optic high speed network connectivity through Gigabit technology to all the Departments, Centres, Hostels and Administrative Block. The Computer Centre is connected through National Knowledge Network (NKN) and the National Mission of Education through Information and Communication Technology (NMEICT) networks. All the hostels and Academic areas of Sector 14 and Sector 25 are covered by Wi-Fi and students and staff can access it seamlessly. The Computer Centre is hosting all the servers (like DNS, Mail, Web Server) in its data centre and providing facilities like online admissions and entrance tests.

Other Facilitating Centres

Regional Sophisticated Instrumentation Centre, Energy Research Centre, Centre for the Study of Social Exclusion and Inclusive Policy, Centre for IAS & Other Competitive Examinations, Centre for Industry Institute Partnership Programme, Centre for Medical Physics, Centre for Study of Mid-West & Central Asia, Centre for the Study of Geopolitics, and Centre for Swami Vivekananda Studies are other facilitating centres providing services at the University.

The AC Joshi Library is housed in a centrally-located and fully air-conditioned 5 storey building with a seating capacity of 500 readers. It has over 7 lakh publications and a prized collection of 1490 manuscripts. It is fully computerized and provides access to more than 7500 online full text journals through UGC- INFONET along with many other internet based research facilities. It is one of the six National Document Delivery Centres of INFLIBNET for data information distribution. Radio Frequency Identification Technology in the Library benefits the readers by permitting self-issue and returns of books 24x7. Recently many new services have been introduced such as Online Membership, SMS service, Digital signage system, etc. The outer reading hall is open twenty four hours. For visually impaired students, the library provides JAWS software to access information displayed on the screen via text-to-speech and Zoom-Ex which turns computer into an accessible scanner, reader and magnifier.

The University has its own Website to host date-sheets, results, examination forms and online entrance and admission forms for the convenience of students/public.

Chandigarh Region Innovation and Knowledge Cluster (CRIKC)

PU is the hub of the Chandigarh Region Innovation and Knowledge Cluster (CRIKC). This provides easy connectivity and access to many important research and knowledge centers in and around Chandigarh.

PU Radio

The University has its own community radio station, Radio Jyotirgamaya 91.2, which acts as a unifying agent amongst the university faculty, students and also the community. The radio programmes can be heard over a range of 10 kilometres.

Hostels

There are 17 hostels (8 for boys and 9 for girls) to accommodate nearly 6700 students. There also exists one Working Women hostel with a capacity to accommodate 70 residents.

Health

Bhai Ghanaiya Ji (BGJ) Institute of Health caters to the medical needs of about 40,000 employees and their dependents, students of all the departments, all boys and girls residing in hostels, daily wagers, contractual employees, mess and canteen workers. A round-the-clock emergency service, along with 24x7 ambulance, is available. The Institute has a fully equipped modern clinical laboratory, latest computerized ECG machine, a fully computerized digital 500mA mammographic compatible CR unit and an X-Ray machine. BGJ Institute of Health is manned by a general physician and specialists from different faculties.

Sports

The University has playgrounds for all major sports. There is an air conditioned gymnasium hall, an international level Swimming Pool, Diving Pool, 400 m grassy Athletic Track (8 lanes), two cemented Basketball courts with flood lights, four Volleyball courts, one Hockey ground, two football grounds, two Kho-Kho courts, two Kabaddi courts, three Softball grounds, two Cricket grounds, one Netball ground, one korfbal ground, two synthetic lawn tennis courts, 8 grassy Lawn Tennis Courts, one Cinder Lawn Tennis Court. An international standard 10 meter shooting range is also functional on PU Campus. The University has been awarded the Maulana Abul Kalam Azad (MAKA) trophy thirteen times for excellence in games and sports at the All India Inter-University level.

IMPORTANT DEVELOPMENTS AND ACHIEVEMENTS OF YEAR 2015

- Hon'ble President of India, Sbrri Pranab Mukherjee graced the sixty fourth Annual Convocation of Panjab University.
- PU was ranked number one University in India and Ranked 363 in the Thomson Reuters powered 'Best Global Universities Rankings 2016' by US News and Global Report'.
- PU was ranked number two among Universities of India in 2015-16 Times Higher Education Rankings
- PU was ranked in the bracket 501-600 internationally in the Times Higher Education World University Rankings, 2015-2016 and thirty eighth rank in Asia 2015 Rankings.
- World renowned Science Journal 'Nature' gave top rank to PU among the leading science institutions of India in its special issue on, 'Science in India'. This judgement was based on citation rate in Elsevier Scopus database for institutes that had produced more than 2000 papers between 2010 and 2014.
- National Assessment and Accreditation Council (NAAC) accredited PU with A Grade and CGPA of 3.35 on a four point scale for a period of five years from 25.6.2015.
- Education-focused magazine, Education World (EW) gave the third rank to PU among the traditional universities of the country.
- PU signed MoUs with the University of Nottingham, UK, University of Birmingham (UoB), UK and Nottingham Trent University (NTU), UK
- PU and University of Western Sydney (UWS), Australia principally agreed to enter into a Student Exchange Agreement.
- Many new buildings and projects like BMS blocks, Alumni House, 24 more residential houses for C-class employees, University Community Centre, new Reading Hall at PU Library, Girls Sports Hostel and Research & International Students hostel became operational this year.
- Panjab University Institute of Social Sciences Education and Research (PU- ISSER) started this year.
- Getty Foundation, USA, awarded a grant of US \$1,30,000 to conduct a study to preserve Gandhi Bhawan under the conservation of Heritage buildings project.
- PU alumna from Department of Indian Theatre and Punjabi Department, Ms Baljinder Kaur won the National Award for Best Supporting Actress.
- Panjab University started DST INSPIRE Camps as part of the 5 year project allotted to PU.
- PU has decided to implement Choice Based Credit System (CBCS) and adopt Credit Framework for Skill Development (CFSD).
- PU started online re-evaluation system for all undergraduate & Post Graduate semester system classes. SMS Alerts were also started for all exam related intimations. E-Tendering initiative was also undertaken this year.

- PU Library introduced many new initiatives like Online Membership, SMS service, Digital signage system.
- PU Alumnus, Prof Ajay K. Sood and Prof. K.S. Bawa got elected as Fellows of the Royal Society (FRS), London, in 2015.
- PU Vice Chancellor Prof Atun Kumar Grover was conferred with the Honorary Rank of Colonel Commandant in NCC.
- Prof. S.K. Mehta, Department of Chemistry received Haryana Vigyan Ratna Award with a cash award of Rs.2 lakh for his scientific contributions in the field of Surfactant Chemistry and Nano-Chemistry.
- Ministry of Human Resource Development (MHRD), Department of Higher Education, Government of India approved the establishment of a Design Innovation Centre (DIC) at PU for three years.
- PU alumnus and Founder CEO of Sun Deep Cosmetics Inc., California, USA, Mr. Jaswant Singh Gill, donated an Endowment amount of Rs 1.30 crore (over 2 lakh USD) for providing scholarships to the students and research scholars of University Institute of Pharmaceutical Sciences on "Need-cum-Merit basis".
- PU teams won the national competitions in the One-act play, Poster Making and On-the-spot Painting during the All India National Youth Festival. PU Mime & Quiz teams won second positions and Elocution team got third position at the national youth festival.
- PU secured the Overall Trophies for Theatre & Literary items and Runner-up Trophy of Fine Arts during the 30th North Zone Inter University Youth Festival- 2015. -
- Panjab University student Mr. Narnanveer Singh Brar secured a Bronze Medal in Men's Double Trap Shooting in World University Games 2015 at Gwangju in South Korea.
- Sports facilities like the All Weather Swimming Pool, three more wooden courts and multi-shuttle machine also started this year.
- The University won the All India Inter University team Titles in Badminton (Men), Softball (Women), Squash (Women), Swimming (Men) and Waterpolo (Men). The University teams won runners-up team positions in Softball (Men), Diving (Men), Diving (Women), Swimming (Women) and Yachting (Men).

Panjab University Colloquia Series

The Panjab University Colloquia Series was initiated by Prof. Arun K. Grover, Vice Chancellor, Panjab University in the year 2012-2013. Under his stewardship, the Colloquium Committee has so far organized 33 Colloquia lectures.

List of Colloquia Organized in 2012-13, 2013-14, 2014-15, 2015-16

Panjab University Colloquium	Speaker	Topic	Date and Time	Venue
First	Prof. B. N. Goswamy , Professor Emeritus, Department of Art History & Visual Arts, Panjab University	Ways of Seeing: The World of the Indian Painter	20th September, 2012 at 3 p.m.	University Auditorium
Second	Prof. Pradeep Bambery , University of Queensland, Australia	Living with Arthritis: A Saga of Change	27th November, 2012 at 3 p.m.	University Auditorium
Third	Prof. R. K. Kohli , Dean University Instruction, Panjab University	Let's Save the Self from Self Inflicted Pollution	23rd January 2013 at 3 p.m.	University Auditorium
Fourth	Dr. Mohan Agahse , Honorary Director, Developing Awareness Thru Entertainment (D.A.T.E.) and Consultant in Mental Health.	Cinematic Diet for Health	19th February, 2013 at 3 p.m.	University Auditorium
Fifth	Sh. Ashok Thakur , IAS, Secretary, Higher Education, Ministry of Human Resource Development, Government of India	Issues of Higher Education in India	16th August, 2013 at 3 p.m.	University Auditorium
Sixth	Sh. James Michael Lyngdoh , Former Chief Election Commissioner, Government of India	Issues Related to Student's Elections	20th August, 2013 at 11 a.m.	University Auditorium
Seventh	Prof. B. S. Brar , Former Dean University Instruction, Panjab University	De-theorizing Globalization	5th September, 2013 at 3 p.m.	University Auditorium
Eighth	Prof. Praveen Chaddah , Former Director of the UGC- DAE Consortium for Scientific Research	Plagiarism and its Control in Academic Domain	7th November 2013 at 3 p.m.	Dr. S.S. Bhatnagar Auditorium UICET
Ninth	Prof. Virendra Kumar , Professor Emeritus of Laws and Founder Director (Academics) Chandigarh Judicial Academy	Citizen's Right to Vote	11th December 2013 at 3 p.m.	Dr. S.S. Bhatnagar Auditorium, UICET

Tenth	Dr. V. G. Sekaran, Director General, Missiles And Strategic Systems, Defence Research & Develop- ment Organisation (DRDO), Government of India	Aerospace Techno- logies and Applications: Present and Future	27th January 2014 at 3 p.m.	Dr. S.S. Bhatnagar Auditorium, UICET
Eleventh	Prof. Dinesh Singh, Vice Chancellor, University of Delhi	From the Indus Valley to Srinivasa Ramanujan: A History of Indian Mathematics	19th February 2014 at 2:30 p.m.	Dr. S.S. Bhatnagar Auditorium, UICET
Twelfth	Prof. Ronki Ram, Dean, Faculty of Arts and Shaheed Bhagat Singh Professor of Political Science, Panjab University	Ideas of 'Freedom' in the Freedom Struggle of India	25th February 2014 at 3 p.m.	Dr. S.S. Bhatnagar Auditorium, UICET
Thirteenth	Prof. Raghavendra Gadagkar, President, Indian National Science Academy, New Delhi; and JC Bose National Fellow, Centre for Ecological Sciences, Indian Institute of Science	War and Peace: Conflict and Cooperation in an Insect Society	14th March 2014 at 3 p.m.	Dr. S.S. Bhatnagar Auditorium, UICET
Fourteenth	Prof. Pulin B. Nayak, Professor of Economics at the Delhi School of Economics, University of Delhi	Humanistic Economics: A Blueprint	30th April 2014 at 3 p.m.	Dr. S.S. Bhatnagar Auditorium, UICET
Fifteenth	Prof. Vijaya Raghavan, Professor at McGill University, Quebec, Canada in the Depart- ment of Bioresource Engineering	Innovation Towards Meeting Challenges of Food Security/Food Safety/Environment Nexus	8th May 2014 at 12 Noon	Dr. S.S. Bhatnagar Auditorium, UICET
Sixteenth	Prof. Ashutosh Varshney, Sol Goldman Professor of Inter- national Studies and the Social Sciences Director, Brown-India Initiative Watson Institute of Inter- national Studies and Department of Political Science, Brown University, Box 1844, Providence, RI 02912, USA	India's Democracy: Resilience and Inadequacies	25th July 2014, 3.00 pm	Dr. S.S. Bhatnagar Auditorium, UICET
Seventeenth	Prof. Sukhadeo Thorat Chairman of ICSSR, New Delhi and Professor in the Jawaharlal Nehru University. Former Chairman, University Grant Commission. Director, Indian Institute of Dalit Studies, Visiting Faculty, Iowa State University USA, President, Indian Economic Association.	Socially inclusive growth: Theory and Indian Experience since 1990s	Friday, August 08, 2014	Dr. S.S. Bhatnagar Auditorium, UICET

Eighteenth	Prof Somdatta Sinha JC Bose National Fellow at the Indian Institute of Science Education Research, Mohali.	Life: where all sciences meet	Friday, August 22, 2014	Dr. S.S. Bhatnagar Auditorium, UICET
Nineteenth	Prof Jitendra Mohan Professor Emeritus of Psychology. He is President of International Society of Mental Training for Excellence (2011-2015), Member Governing Council, Indian Council of Social Sciences Research (ICSSR), and President of 7th World Congress on Excellence (2015), Chandigarh	Pursuit of Excellence: An Agenda for Life	September 29, 2014	Dr. S.S. Bhatnagar Auditorium, UICET
Twentieth	Arnab Bhattacharya Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005, India arnab@tifr.res.in	Seeking N-lightenment: The bright world of nitride semiconductors	Friday, November 7th, 2014	Dr. S.S. Bhatnagar Auditorium, UICET
Twenty first	Prof Nayanjot Lahiri, Delhi University Infosys Prize for Humanities in Archaeology for 2013	Ashoka in Ancient India	Thursday, November 20th, 2014	Auditorium of the Department of Evening Studies (Multi Disciplinary Research Centre), Arts Block I, P.U., Chandigarh
Twenty second	T. Padmanabhan Pune University, Pune.	Gravity and the Cosmos	Wednesday, December 17, 2014	Dr. S.S. Bhatnagar Auditorium, UICET
Twenty third	Ayesha Kidwai, Professor of Linguistics, Jawaharlal Nehru University	What we don't know that we know when we laugh at a joke: Human knowledge of linguistics	Monday, February 2, 2015	Dr. S.S. Bhatnagar Auditorium, UICET
Twenty fourth	Indira Rajaraman Member Central Board of Directors, Reserve Bank of India	The Goods and Services Tax (GST) - What and How?	Wednesday, February 11, 2015	Dr. S.S. Bhatnagar Auditorium, UICET

Twenty fifth	Dr. Arvind Subramanian, CEA to GoI	The Economic Survey of India 2014-15	Tuesday, April 28, 2015	Dr. S.S. Bhatnagar Auditorium, UICET
Twenty sixth	Shri Shekhar Gupta, Vice Chairman and Editorial Adviser, the India Today Group	Media Today: Noise or News, Fiction or Facts	Monday, August 31, 2015	Dr. S.S. Bhatnagar Auditorium, UICET
Twenty seventh	Prof. Rajendra Bhatia Distinguished Scientist India Statistical Institute, New Delhi	"The Marvelous Number Pi"	Wednesday, 30th September, 2015	Dr. S.S. Bhatnagar Auditorium, UICET
Twenty eighth	Prof. Arun Kumar, a renowned economist of Jawaharlal Nehru University, New Delhi	"India's Black Economy: Implications and Remedies".	Thursday, 19th November, 2015	Dr. S.S. Bhatnagar Auditorium, UICET
Twenty ninth	Prof. Rakesh Tuli J.C. Bose Fellow & Senior Research Advisor, UIET, Panjab University	"Genomics for Design- ing Future Life Forms"	Wednesday, 20th January, 2016	Dr. S.S. Bhatnagar Auditorium, UICET
Thirtieth	Prof. Dipankar Gupta Distinguished Professor at Shiv Nadar University and Director, Centre for Public Affairs and Critical Theory	"Public Space in Town Planning: Making Citizen Friendly Cities"	Tuesday, 09th February, 2016	Dr. S.S. Bhatnagar Auditorium, UICET
Thirty First	Dr. Isher Judge Ahluwalia Eminent Indian economist and Chairperson of Indian Council for Research on International Economic Relations (ICRIER), New Delhi	"Role of Cities in India Development"	Thursday, 21st April, 2016	Dr. S.S. Bhatnagar Auditorium, UICET
Thirty Second	Prof. Bidyendu Mohan Deb, INSA Senior Scientist, Indian National Science Academy, New Delhi and Honorary Scholar- in-Residence, Visva-Bharati University, Santiniketan	"The Jewel of the Serpent: Aspects of Mathematics in Ancient and Medieval India"	Wednesday, 27th April, 2016	Dr. S.S. Bhatnagar Auditorium, UICET
Thirty Three	Sh. Surendra Nihal Singh, an eminent Journalist and former Editor of The Statesman and The Indian Express	"Indian Politics: The Tipping Point"	Wednesday, 11th May 2016	ICSSR Hall, Panjab University, Chandigarh

A. C. JOSHI LIBRARY

Panjab University Library is officially named as the A.C. Joshi Library after an illustrious former Vice-Chancellor of Panjab University, Prof. A.C. Joshi. It is one of the largest university libraries of the country. Housed in a five storey centrally air-conditioned building in red stone, it has spacious reading halls and compact stack areas, with open access. With modular design, it is based on modern principles of architecture. The main reading halls of the Library, facing the Shivalik Hills, afford a panoramic view of the natural surroundings.

Endowed with manuscripts on the one hand and online Databases on the other; periodical holdings going back to the 19th century on the one hand and reference material in multimedia on the other; textual and bibliographical material of the pre-Independence period on the one hand and the online sources on the other, the Panjab University Library presents a blend of the old and the new under the same roof.

Facilities

The Library has a seating capacity for 650 readers. It is a fully computerized Library with an integrated system connected to the Campus network and possesses facilities like wi-fi, digital signage, photocopying, fax, e-mail, Internet, On-line Public Access Catalogue (OPAC), CD-ROM databases and on-line books and journals. Besides the two main reading halls, there are separate areas for text books, theses and rare books, newspapers, and current periodicals. There is an Outer Reading Hall for studying personal books in the Library that is open round the clock.

There is provision of 24 research carrels for faculty members engaged in serious research work and 100 lockers for research scholars

OPAC

Along with Card Catalogue, the Library has in-house database of books, journals, theses and other reading materials. This database is accessible through Online Public Access Catalogue (OPAC) and Web-OPAC through Library website. (library.puchd.ac.in).

Digital Library

The Library has a digital library which serves as an access point to all the on line academic resources. The Digital Library is equipped with computers of latest configuration with the facility of CD-writing and print out of journal articles. The Digital Library is augmenting the research activities of the research scholars and teachers. Besides this, the Library has its own Reprographic Section.

Collection

The Library houses nearly 7.6 lakh volumes, which include books, bound volumes of journals, theses/dissertations, rare books, reports, government documents, back files of newspapers and a prized collection of 1492 manuscripts.

The Library is subscribing to 552 current periodicals, a number of which have on-line access along with their print versions. The Library also has access to about 7500 + core and peer reviewed on-line journals and 10 bibliographical databases from 26 publishers & aggregators in different disciplines through UGC's INFONET programme. These on-line journals can be accessed through Campus network. Many on-line journals and miscellaneous reference sources in the public domain are accessible through the Library Website-library.puchd.ac.in. The Library subscribes to a number of e-resources including Science Direct, Scopus, West Law, IEEE, ASME, ACM Digital Library, JoVE, J-Gate, Ebsco, Proquest, Dissertation & Thesis Abstracts, Times of India online, India-stat, Districts of India etc. with links on the website.

What is where

<i>Office/Division/Section/Cell</i>	<i>Location</i>	<i>Incharge/Contact Person</i>	<i>Telephone(EPABX)</i>
University Librarian	II Floor	Dr. Raj Kumar	4551, 2548159
Deputy Librarian (Readers Services/Collection Development)	III Floor	Dr. (Mrs.) Rashmi Yadav	4552
Deputy Librarian (Admn./Periodicals)	IV Floor	Ms. Navjeet Kaur	4554
Deputy Librarian(Spl. Coll./ TBS/Thesis etc.)	Gr. Floor	Dr. Jivesh Bansal	4553
Deputy Librarian (Tech/ Circulation)	I Floor	Ms. Arun Prabha	4564
Periodicals	III Floor	Mr Neeraj Kumar Singh	4559
Reference Section	I Floor	Dr. (Mrs.) Neeru Bhatia	4561
Circulation Section	I Floor	Dr. Suman Sumi	4558
Technical Section	I Floor	Ms. Mona Pall	4564
Acquisition Section	III Floor	Ms. Sunaina Khanna	4556
Special Collection/Archival Section	Gr Floor	Mr. Mritunjay Kumar	4579
Text-Book Section/ Thesis Section	Gr. Floor	Mrs. Leena Khullar	4579
Reference II/ Transfer Cell	III Floor	Mrs. Indu Dhawan	4562
Computer Room	II Floor	Mr. Vinod Garg	4578
Binding	Gr. Floor	Mr. Raghbir Singh	4557
Office	IV Floor	Mrs. Suresh	4555

Timings

The Library is open from 8.00 a.m. to 10.00 p.m. on all days of the week throughout the year, barring national holidays. However, the Outer Reading Hall is open 24x 7. Books are issued and returned from 9.00 a.m. to 4.30 p.m., Monday to Friday. However, members can avail issue/return facility after normal working hours through RFID Self-check and Book Drop System.

Membership

The membership of the Library is open to all bonafide students of the University teaching departments, all teaching and non-teaching staff of the University, fellows of the University, teachers of colleges affiliated to the Panjab University, eminent persons as Special Members, and institutional members under the Industry-Institute Partnership Programme. The facility of online membership has been introduced.

Reader Services

Personalized reference service is the hall mark of the Library. Library Orientation Programmes

are conducted in the beginning of each academic session for new entrants. A reader can approach any staff member for assistance, though Reference Desks are located in each Reading Hall. Newly processed books are brought to the notice of readers through weekly displays near the entrance of the Library.

The Library also arranges books on inter-library loan to and from other libraries on specific demand. For the purpose of resource sharing, the Library is a member of library networks at the national level like Developing Library Network (DELNET) and Information & Library Network (INFLIBNET) programme sponsored by UGC. The Library provides computer access facility for the visually impaired students, through JAWS & Zoomex softwares.

Wi-Fi System

Library is Wi-Fi enabled to access online journals and databases on laptops.

Digital Signage System

The A.C. Joshi library has Digital Signage System to keep the readers aware of addition of recent titles in the library, services and facilities available to readers, information regarding examinations and other lectures and events to be held in the University from time to time & general information.

JCCC

The Panjab University Library is one of the 22 libraries designated by INFLIBNET for providing inter-library loan and document delivery services from the comprehensive collection of subscribed journals under its JCCC@UGC-INFONET programme.

RFID Technology

The Library is equipped with the latest RFID Technology alongwith integrated Library Management Software to facilitate efficient issue/return of books including self issue/return, better stacks management, inventory control and an improved security system for books in the Library. There is a Drop Box facility at the entrance of the Library to facilitate round the clock return of books. SMS alert for the users account has been introduced.

Digitization

The Library is in the process of digitizing its Ph.D theses.

Inter-Library Loan and Document Delivery Services

Library is member of DELNET (Developing Library Network) which enables it to utilize the collections and services offered by DELNET as well as its member libraries spread across the country and abroad. If a book or article from a journal required by a researcher is not available in the A C Joshi Library, ILL request can be registered with the Reference Section in the A.C. Joshi Library and the same is procured on Inter-library loan and is supplied to the user.

OTHER FACILITIES

Computer Centre

The Computer culture at Panjab University dates back to 1966. By now an independent department exists with facilities of super-computing, well-equipped Computer Lab., internet access and e-mail. Each university department has access to the central computing, with internet and e-mail facilities, which are being brought to the desktops. Panjab University is one of the six centres identified by the Department of Sciences and Technology, Government of India to have super-computing facilities.

Sophisticated Instrumentation Centre/UCIM

One of the most modern instrumentation centres in the country, this setup houses Regional Sophisticated Centre, University Science Instrumentation Centre, and Central Instrumentation Laboratory. The instruments in the Centre are for analytical, spectroscopic and structural studies. The facilities of the Centre are available to the researchers in academic institutions and the industry. These instruments facilitate quality control. Besides meeting the needs of individual scholars, the Centre provides consultancy services to nearly 300 organizations to promote interaction between Industry and Research Institutions.

Scholarships and Financial Assistance

Financial support is available to deserving and needy students on the Campus. A large number of scholarships of varying amounts, under the various schemes of Government of India and the state governments, and those instituted by private agencies and trusts are awarded every year. In addition, fee concessions, financial assistance, loans and other forms of support are also provided to the deserving and needy students by the University.

Foreign Students

A large number of foreign students from Asian and African countries have been studying at different levels at Panjab University. During 2013-2014 their number was nearly 391. Additional seats have been created for Non-Resident Indians in several disciplines. The Dean International Students looks after the welfare of the foreign students and also maintains liaison with the university authorities and outside agencies.

Counselling and Career Development

The students get counselling for further specialized training, admission tests and fellowships abroad, job opportunities and placement prospects. In some cases, the corporate sector and placement agencies send their selectors to the university campus for directly recruiting the meritorious students during the final year of professional courses. Counselling for personal problems, facilitating physical and emotional adjustment on the campus, is also available. Sometimes special workshops are organized to help students to learn more about themselves, their aptitude and abilities, and to enable them to overcome their limitations. Counselling and relevant information is provided by the Employment Information and Guidance Bureau and the University Information and Advisory Bureau.

Centre for IAS & Other Competitive Examinations

The Coaching for IAS and Other Competitive examinations admits students through an entrance test followed by interview. In the course of the coaching, students get exposure to specialized expertise available on the Campus. The UGC-NET examination is held in June/December every year and the Centre provides one month coaching for the examination. The Centre also provides coaching for PCS Judicial examination. A teacher co-ordinator and an honorary director look after the Coaching Centre.

Extension and General Awareness Programmes

The University reaches out to the wider public also through its Centres for Computer Science, Energy Research, Population Research and Life Long Learning & Extension. At the regional level it looks after total literacy programmes and publishes teaching-learning packages and training materials. The UNESCO Centre organizes programmes promoting international understanding, global peace, human rights, general health, and freedom from drug abuse. Through its inter-disciplinary programmes, the U.G.C. Academic Staff College offers Orientation and Refresher Courses for the College and University teachers. Some of these courses focus on vital issues like environment and gender relations. The office of the Dean of Alumni Relations maintains a link with the old graduates of Panjab University and provides a forum to them for exchange of ideas on academic, cultural and social issues of the day. The P.U. Extension Library at Ludhiana meets the needs of the students, teachers and the general public in and around the city.

Publication Bureau

The University publishes text books, general books and works based on research. Established in 1948, its Publication Bureau has brought out over a hundred scholarly and general works and over 200 text books. Several of these have run into multiple editions and reprints. The Bureau holds periodic exhibitions of its publications. The University also has a modern printing press of its own.

Dean College Development Council

The developmental aspects of colleges affiliated to the university, such as the UGC grants, vocationalization, teachers' training and affiliation for new courses are taken care of by the Dean, College Development Council.

Department of Youth Welfare

The Department of Youth Welfare is an important part of the university, working for the overall development of the students. To channelize creative energy and enthusiasm of the young students, to provide them an atmosphere of creativity and group participation for their latent potentialities and for nurturing the young minds and for their balanced growth and development, the department organizes a number of activities every year like Youth Festivals, Heritage Festivals, Youth Leadership Training Camps, Hiking-Trekking Camps, Cycle Tours, Mountaineering, Adventure Courses, Rock Climbing & Allied Sports etc. The students who bring the laurels to the university during the various youth festivals in the field of theatre, music, dance, fine arts, literary and other youth activities are awarded University Roll of Honors and University Colors. A literary and cultural annual magazine "Jawan Tarang" is published by the department to provide ample opportunity to the young students to express their emotions, opinion, dreams and aspirations. The department also runs students' holiday homes at Chandigarh and Dalhousie for recreational activities of the students during the holidays.

Public Relations Department

An important link with the public, government agencies, and the media, this Department provides the channel of communication also within the Campus-between the University authorities, the Teaching Departments and the students. The P.U. News, a quarterly of events on the Campus and the affiliated colleges, is brought out by this Department. The Director, Public Relations also assists in the media-coverage of seminars and special lectures and gives formal and informal counselling to students and general public.

Grievance Cell

Grievance Cell is constituted for a period of two years consisting of at least six members for redressal of complaints of sexual harassment of women employees/female students. The cell is headed by a woman professor as its Chairperson and has 50% of its members as women employees. Its members include a woman counsellor and a person with legal background.

Grievances-SC/ST

Committee has been constituted to expose the work of scholarships/stipends/freeship to all compound its the SC/ST students under various schemes.

Counselling Centre

To cater to the psychological needs of University students (on and off), a counselling centre has been created in the Department of Psychology.

Administrative office

The massive university secretariat housed in the five-storey Administrative Office has three

well marked branches looking after General Administration, Examinations and Finance. In addition to the matters concerning the Faculty and students on the Campus, this office deals with over a hundred affiliated colleges and conducts various examinations.

CAMPUS OFFICES AND ACTIVITIES :

DEAN OF UNIVERSITY INSTRUCTION

Professor A.K. Bhandari, Dean of University Instructions

Under the overall direction of the Vice-Chancellor, the office of the DUI is the nerve center for all matters concerning 74 teaching departments & 4 chairs on the campus and 4 Regional Centre at Muktsar, Hoshiarpur, Ludhiana & Kauni.

Duties and functions of the Dean of University Instruction are prescribed in Panjab University Calendar Volume-I, 2007, CHAPTER IV(A)(I), pages 105-106.

DIRECTOR, RESEARCH PROMOTION CELL

Professor O.P. Katare, Director

Professor Ramanjit Kaur Johal, Associate Director

The office of Director Research is a nucleus for promoting high quality research activities in the University and to coordinate with various academic and funding bodies at national as well as international levels. Through its Research Promotion Cell, it supports administration of research initiatives across disciplines and departments.

INTERNAL QUALITY ASSURANCE CELL

Particulars	Name	Field of Research Specialization
Director	M. Rajivlochan	History Social Sc.
Associate Director	Prof. Archana Bhatnagar	Biochemistry Immunology
System Administrator	Gurdeep Singh	e Learning, MIS
Programmer	Veenu Mor	Wireless Network
Programmer	Arun Bansal	Information and Communicaton technology, Education and Environment

Thrust Areas

Automation of internal finance system of Panjab University

About MIS Cell/IQAC

Management Information System (MIS) Cell, under the guidance of Director IQAC is handling the work of various survey related activities of data collection, compilation, transmission to various agencies like UGC, MHRD, NAAC etc. In the session 2015-16, MIS Cell and IQAC have been clubbed together. So the activities related to IQAC, NAAC etc. are also being done at one place. One of the major activity is the All India Survey of Higher Education (AISHE) Project of MHRD, through which the data of PU and its affiliated colleges is uploaded every year on AISHE Portal.

Cultural and Literary competitions. The performance of these teams has been outstanding and they have been annexing trophies and overall best awards for the last many years. Also organize Inter-college, Campus/zonal competitions, hiking and trekking expeditions, rock climbing, mountaineering and youth leadership training camps

Educational Tours:

Subsidized educational tours are undertaken by students under different educational programmes.

Students Scholarships:

The Office of the DSW is providing the following subsidies/financial assistance/scholarships to the Campus students as per rules/terms & conditions laid-down by Panjab University:-

1. *Need Based Assistance, Need-cum-Merit and Scholarships for Handicap Students:* These scholarships are paid for nine months a year to the students recommended by the Chairpersons as per conditions laid-down for the award out of "Students Scholarship Fund".
2. *Sports Scholarships:* This scholarship is awarded on the basis of the grading done by the Sports Department based on the performance of the Campus students in various sports activities. This scholarship is paid for nine months a year out of "Students Scholarship Fund".
3. *Extra-mural Activities Scholarship:* This scholarship is paid out of the "Amalgamated Fund". The performance of the Campus students in various Extra-mural activities like debates, seminars, one-act play etc. is the deciding factor for award of the scholarship. This scholarship is a fixed amount to be decided by the Vice-Chancellor on the recommendations of the Committee.
4. *Financial Assistance:* Financial assistance is paid out of "Poor Students Welfare Fund" to the deserving P.U. Hostel residents.
5. *Food Subsidy:* Food subsidy is also paid to the needy hostel residents. The recipients of food subsidy will do some duty/work in the hostel as may be assigned by the Warden.

Student Centre:

Student Centre is housed in an attractive cylindrical building almost at the Centre of the University Campus. It has an indoor games section on the first floor, Placement Cell for the benefit of the Campus Students on the 2nd floor and houses a modern South Indian Cafeteria. The shops adjoining Student Centre are mainly run for the convenience of Campus students. An ATM facility has also been provided at the Student Centre.

Hostels:

There are seventeen multi-storey hostels on the Campus. Eight of these are for boys and nine for girls. There is one Working Women Hostel which is equipped with all modern facilities. Hostel seats are limited and are provided purely on merit basis to the Campus students. Number of seats available is displayed on the University web site well before the start of admission. A Sports Hostel is also there for visiting sports teams. One more hostel for girls particularly Research Scholar and a Reading Hall for girls between Girls Hostel No. 4 & 5 is also being constructed. An International Hostel has been completed to accommodate international faculty/students.

The residents are required to observe the rules printed in the Handbook of Rules for Residents of the Panjab University Hostels.

DEAN INTERNATIONAL STUDENTS

Professor Deepti Gupta

Dean of International Students

The office of the Dean of International Students is located in the Students Centre (Ground Floor), Panjab University on the University Campus, Sector-14. The Dean International Students looks after the welfare of the international students and also maintains liaison with universities authorities and outside agencies. The Dean International Students lays down guidelines for admission of international students to all institutions affiliated to the Panjab University and maintains record/ particulars of each student.

The Dean of International Students maintains close liaison with the Indian Council for Cultural Relations (ICCR) with regard to their Programs for the International Students. She/He also maintains liaison with Dean of University Instructions, Dean Student Welfare, Dean Alumni Relations, as well as Principals of Affiliated Colleges in Chandigarh with regard to the welfare of International students and maintains links with International Alumni.

The office of the Dean of International Students facilitates the international students body in organizing their cultural functions/sports etc. The office organises various activities such as educational trips, orientation-cum-cultural exposure programme, English language and soft skills workshop, sports, cultural and literary extra-curricular activities and at the end of academic session annual-cum-farewell function.

The students wishing to join any of the University Teaching Departments/Colleges affiliated to the Panjab University, for the first time are required to obtain an eligibility certificate. ***This certificate is issued by the Deputy Registrar (General) Panjab University, Chandigarh.***

International students can approach this office for advice and assistance in finding a suitable hostel or residential accommodation in Chandigarh.

The students requiring expenditure certificate or assistance with their remittances are advised to contact the office of the Dean International Students.

International students admitted to various Panjab University Teaching Departments/Local Affiliated Colleges are required to pay '**Foreign Students Welfare Fee**' @ **Rs. 620/- per student per year (both old and New)**.

A large number of the International Students have been pursuing undergraduate and postgraduate courses at Panjab University. During the 2015-2016 academic session their number is 497 (205 students in Panjab University & 292 in local affiliated colleges). Ten percent over and above the total number of regular seats in each course are for Foreign Nationals/NRI candidates. Further, additional seats may also be created, if needed, for ICCR scholars on Government of India Scholarships.

Enrolment for Ph.D. programme is open throughout the year for Foreign Nationals/NRI candidates.

- Note:**
1. For further information, please visit webpage <http://dis.puchd.ac.in/>. You may also e-mail the office at dis@pu.ac.in
 2. The office can also be contacted at the following telephone numbers :0172-2541873 & 2534574

Guidelines for Foreign Students seeking admission to Ph.D.

1. Eligibility Criteria for Admission: A candidate seeking admission to the Programme for Degree of Doctor of Philosophy (Ph.D) must have obtained Masters Degree or a degree recognized by the Panjab University as equivalent to its master's degree in the subject in which the candidate wishes to pursue a course of research, or in a subject allied thereto.
2. Admission to Ph.D. Programme : The candidate shall apply for admission to Ph.D. programme on a prescribed form, which may be downloaded/filled online from the Panjab University website <http://puhd.ac.in> The application for admission shall be submitted to the Office of the Dean International Students, Panjab University . In case of documents/ testimonials in a language other than English, the same must be translated into English and attested copies of the same need to be attached with the application. The application must be accompanied by a research proposal of minimum one thousand words clearly specifying the major area and sub-areas of the research topic on which the candidate plans to pursue his/her research. The candidates are advised to consult faculty members and/or to check specialization of faculty members of the Department/Centre where they plan to pursue their Ph.D.
3. Foreign students shall be exempted from the entrance test for admission to Ph.D. The application of foreign nationals/NRIs shall be accepted on the basis of their synopsis submitted with the application form. If the synopsis is not found suitable by the Department/ Centre concerned, the application shall be rejected.
4. In lieu of the entrance test, it would be mandatory for all foreign students from non-English speaking countries to pass the English Proficiency Course conducted by the Department of English & Cultural Studies at Panjab University , Chandigarh. Their enrolment to Ph.D. would be subject to satisfactory completion of the Proficiency course.
5. **Fees:** A Fee of US \$ 1200 per annum shall be charged from foreign nationals who belong to developing countries. US\$ 2500 per annum shall be charged from scholars from developed countries.
6. **Visa:** Candidates selected for Ph.D. admission shall be issued provisional admission letters, with a copy to the embassy concerned, to facilitate their visa process. The enrolment would be finally based only on production of valid Research Visa.
7. **Course Work:** All foreign students admitted to the Ph.D. Programme shall have to complete the course work offered by the concerned Faculty/Department/Centre satisfactorily as per Panjab University rules. They will have to join the course work in the semester that follows the completion of their admission formalities.
8. Other rules and regulations of Panjab University will apply to foreign students as well.
9. **Admission Schedule:**

Receipt of online applications	: 1st January to 31st March
Processing of applications	: 1st April to 31st April
Issue of the offer letter by the office of DIS, PU	: Up to 31st May
Issue of the letter of Admission	: On reporting to the DIS, PU and on the production of original and valid documents and research visa.

Guidelines for Foreign Nationals/NRI Students seeking admission to Post Graduate/ Undergraduate Courses

Following are the common Rules of the Panjab University for Foreign Nationals/NRI candidates:

1. Candidates seeking admission under the Foreign Nationals/NRI Students category are required to submit their academic certificates as a proof of passing the qualifying examination for each course to which admission is to be sought. The minimum qualification for them would be same as for Indian Students.
2. **10 percent seats over and above the total number of regular seats in each course are reserved for the Foreign Nationals/NRI candidates.**
3. **Foreign Nationals/NRI candidates seeking admission to the concerned course are required to compete amongst themselves for the seats reserved for them by appearing in entrance test (wherever applicable) if they are in India. However those living abroad at the time of entrance test will be exempted from the entrance test.**
4. Foreign Nationals/NRI candidates shall have to comply with any other requirements prescribed by the Government of India and Panjab University from time to time.
5. The candidates seeking admission to B.P.Ed. and M.P.Ed. (Physical Education) will be required to undergo mandatory Physical Efficiency Test. The scores of Physical Efficiency Test will be counted for determining merit.
6. Foreign Nationals/NRI candidates shall provide the academic certificate of passing the qualifying or equivalent examination as prescribed for each course to which admission is sought.
7. **Fee :** (A) Tuition Fee structure for Foreign Nationals/PIO/NRI candidates admitted against the seats created for them in teaching Departments will be as per the Fee structure prescribed by the Panjab University for Foreign Nationals/PIO/NRI candidates. (B) Besides tuition fee, all Foreign Nationals/PIO/NRI candidates are required to pay one time registration fee as prescribed by the Panjab University.
8. **Visa :** Candidates provisionally selected for Post Graduate/Undergraduate admission shall be issued provisional admission letters to facilitate their visa process. The final admission would be based only on production of passport and student Visa.
9. Other rules and regulations of Panjab University will apply to foreign students as well.
10. **Admission Schedule :** as per Panjab University admission schedule.
Only the following categories or classes of persons will be eligible for admission against the NRI quota and all admissions must be made accordingly (last year's guidelines):-
 - 1) Foreign nationals i.e. nationals or citizens of countries other than India who are not persons of Indian origin.
 - 2) Persons of Indian origin who are citizens of countries other than India and hold the passport of the country concerned.
 - 3) Candidates whose parents/ spouses are of Indian origin but are settled abroad and the candidates have obtained legal resident status of the country, like Green card and/or are under Immigration Visa and will pay fee from NRI accounts in foreign currency.
 - 4) Candidates who are the children/wards/spouses of non-resident Indians, i.e., those who are settled overseas for purposes of employment, etc.

- 5) The word "Children" includes sons/daughters and grand-sons/grand-daughters, and the word "Ward" may include spouse, etc.
- 6) The candidates, falling under category 1-5 above shall be considered eligible for admission against Foreign Nationals/NRI quota.
- 7) Foreign nationals/NRI candidates who did not appear in the entrance test of courses where these are held but were in the country (India) at the time of test; however, these courses have vacant seats under Foreign National/NRI category.
- 8) Admission shall be granted to those Foreign Nationals/NRI (Category-7 above) candidates who may not have appeared in the entrance test, on the basis of inter-se merit in the courses against available seats.

11. Additional seats for Foreign Nationals/NRI candidates.

1. 10% seats over and above the total number of regular seats in each course are reserved for the Foreign Nationals/NRI candidates. The decision of the Syndicate/Senate where the seats have already been granted more than the 10% seats will also prevail.
2. Candidates seeking admission under the Foreign Nationals/NRI Students category are required to submit their academic certificates as a proof of passing the qualifying examination for each course to which admission is to be sought. The minimum qualification for them would be same as per Indian students.
3. Foreign Nationals/NRI candidates seeking admission to the concerned course are required to compete amongst themselves for the seats for them by appearing in the Entrance Test (wherever applicable) if they are in India. However those living abroad at the time of entrance test will be exempted from the entrance test.
4. Foreign Nationals/NRI candidates shall have to comply with any other requirements prescribed by the Government of India and Panjab University from time to time.
5. The candidates seeking admission to B.P.Ed. (Physical Education) will be required to undergo mandatory Physical Efficiency Test. The scores of Physical Efficiency Test will be counted for determining merit.
6. Foreign Nationals/NRI candidates shall provide the academic certificate of passing the qualifying or equivalent examination as prescribed for each course to which admission is to be sought.

Further:

1. Seats in this category shall not be allowed to be converted into open category. Applicants who fail to get admission in the general category shall be eligible to compete for the seat in the NRI category provided the candidate give in writing his/her option for NRI category during the counselling for general category self, subject to fulfilment of other requirements/rules for admission in this category . The admission will be made in the NRI category on the basis of combined (i.e. including those who applied earlier and those who give the option at the time of general counselling) merit list of this category.

A candidate admitted in NRI category may change his/her admission to vacant seat in general/reserved category provided:-

The candidate falls within the merit of admitted candidates in general/ reserved category.

DEPARTMENT OF YOUTH WELFARE

The Department of Youth Welfare, being an important part of the University, working for the overall development of the students, was set up in 1958 under the Directorship of Dr. K.C. Anand as Founder Director and at present Dr Nirmal Jaura is heading the department as Director Youth Welfare. With an objective of nurturing the young minds and for their balanced growth and development, the Department of Youth Welfare organizes a number of activities every year. As the department encourages the young students to come forward and prove themselves by participating in various creative activities in the same way the active participation of the students in these activities encourage the department to provide them more and more opportunities for their overall development. Keeping in view the above mentioned scenario the department organizes chain of activities during the period of report as Youth leadership training, Hiking Trekking and Rock climbing camp, Panjab University Zonal Youth and Heritage Festivals, Panjab University Inter-Zonal Youth and Heritage Festival, North Zone Inter University Youth Festival, All India Open National Youth Festival and All India Inter University National Youth Festival. Youth Welfare Department has recently started Students Holiday Home (Youth Hostel) Chandigarh to serve the students and teachers, simultaneously Student Holiday Home at Dalhousie is also being managed by the Department.

A Literary/Cultural annual magazine "Jawan Tarang" has been launched since 2013 with focus on youth activities. First two edition of the magazine were appreciated at every platform. Third edition of Jawan Tarang is under print. This magazine has been published to provide ample opportunity to young students to express their emotions, opinion, dreams and aspirations. It carries contributions in the form of creative writings, from the students of affiliated and constituent colleges of the Panjab University along with the record of the various youth activities of the department. A beautiful park with open air theatre in front of the Department is in process of development named as "Shaheed e Azam Bhagat Singh Youth Park"

Aims and Objectives:

- To channelize creative energy and enthusiasm of the young students.
- To provide students with an atmosphere of creativity and group participation so that their latent potentialities and talent find an outlet in joyous and fruitful ways.
- To inculcate feelings of patriotism and nationalism among participating students and to acquaint them with their rich cultural heritage and human values.
- To create a sense of belonging and commitment to the country and providing youth with a meaningful direction for the realization of national goals.
- To inculcate a spirit of adventure and positive thinking and respect for higher values, human goodness and noble behaviour
- To provide opportunities to youth for self- development and character building and also for imbibing quality of leadership, mutual tolerance and fellow feeling.
- To preserve and promote rich folklore and traditional culture through display of diverse art and craft forms, thereby enriching culture and social life of the region.

Major Activities:

- Youth Festivals: Zonal, University, Inter-University, National/International Level
- Heritage Festivals: Zonal, Inter-Zonal , Inter-University

- Youth Leadership Training Camps
- Hiking-Trekking, Cycle Tours, Mountaineering, Adventure Courses, Rock Climbing & Allied Sports.
- Youth Service Clubs
- Workshops/Seminars
- Publications: Magazines, Brochures etc.
- Students Holiday Homes: Youth Hostels

During the session 2015-16, more than twenty thousand students of the university has participated in Panjab University zonal and inter zonal youth & heritage festivals. Panjab University students brought the laurels during the All India National Youth Festival held at University of Mysore , North Zone Inter University Youth Festival at PAU Ludhiana and Punjab State Inter University Heritage Festival at Fatehgarh Sahib . During this session 16 students awarded with Panjab University Roll of Honor and 118 students were decorated with University Color for their proficiency in One Act Play, Mime, Dance, Fine Arts, Literary, Folk items and other youth activities.

Clean Green Healthy India was the theme of the Panjab University Youth Festivals conducted by the department in this session. Inter Zonal and Zonal youth festivals held in all the twelve zones keep their focus on making an ideal society that is Clean Green and Healthy.

Panjab University Zonal Youth and Heritage Festivals 2015-16

Zone/ Dates	Venue	Convener/Organizing Secretary	Winner of the Zonal Trophy
Chandigarh- A 26 th -30 th Sept, 2015	P. G. Govt College, Sector-46, Chandigarh	Dr. Gurjeet Kaur Prof. S S Minhas	G G D S D College, Sec-32, Chandigarh
Chandigarh- B 28 th Sept.1 st Oct 2015	P. G. Govt College for Girls, Sector-11, Chandigarh	Dr. (Mrs) Achila Dogra Prof. Jamit Kaur	P.G.Govt College for Girls, Sector-11, Chandigarh
Ludhiana-A 3 rd -6 th Oct,2015	Kamla Lohtia Sanatan Dharam College, Ludhiana	Dr. Shiv Mohan Sharma Prof. Sandeep Chanana	Arya College, Ludhiana
Ludhiana-B 22 nd -25 th Sept, 2015	Ramgarhia Girls College, Ludhiana	Dr. Narinder Sandhu Prof. Jaspal Kaur	Ramgarhia Girls College, Ludhiana
Moga Fzr-A 6 th -9 th Oct, 2015	Govind National College, Narangwal Ludhiana	Dr. Hardiljit Singh Gosal, Prof. Surinder Mohan Deep	Baba Kundan Singh College, Muhar, Ferozepur
Moga Fzr-B 31 st Oct-2 nd Nov, 2015	S. B. B. S. Memorial Girls College, Sukhanand, Moga	Mrs. Sukhwinder Kaur Prof. Gurjit Kaur	S. B. B. S. Memorial Girls College, Sukhanand, Moga
Muksar 13 th -16 th Oct 2015	Guru Nanak Khalsa College, Abohar	Dr. Dharam Pal Prof. Rashpal Uppal	Gopi Chand Arya Mahila College, Abohar

Hoshiarpur - A 16 th -19 th Oct, 2015	S.G.H.R.S. College for Women, Chabbewal	Dr. (Mrs) Anita Kumari Prof. Manjeet Kaur	S.G.H.R.S. College for Women, Chabbewal
Hoshiarpur- B 12 th -15 th Oct, 2015	G. G. D. S. D. College Haryana, Hoshiarpur	Dr. Gurdip Sharma Prof. Jaspal Singh	Govt College Hoshiarpur
Education-A 9 th -11 th Oct, 2015	Dev Samaj College of Edu, Sec-36, CHD	Dr. Agnese Dhillon Dr. Richa Sharma	BCM College of Edu, Ludhiana
Education B 31 st Oct-2 nd Nov, 2015	G. H. G. Khalsa College of Edu, Gurusar Sadhar	Dr. H S Brar Prof. Rachhpal Singh	Malwa Central College of Edu for Women, Ludhiana
Education C 7 th -9 th Oct 2015	Dasmesh Girls College of Edu , Badal, Mkt	Dr. S S Sangha Prof. Vanita	Dasmesh Girls College of Edu., Badal, Mkt

57th Panjab University Inter Zonal Youth and Heritage Festival was held at Dev Samaj College for Women Ferozepur. Dr (Mrs) Madhu Prashar was Convener and Mrs Palwinder Kaur was Org. Secy and Vice Chancellors' Trophy was won by Dev Samaj College for Women Ferozepur.

Recipients of the Panjab University Roll of Honor for the session 2015- 16:

S. No.	Name	College	Proficiency
1.	Mr. Nakshdeep Singh	Govt. College of Arts, Sec.-10, Chandigarh	On the Spot Painting
2.	Ms. Arshdeep Kaur	Khalsa College for Women, Civil Lines, Ludhiana	Elocution
3.	Mr. Ayush Awasthi	University Business School P.U. Chandigarh	Quiz
4.	Mr. Maneesh Mittal	Deptt of Laws P.U. Chandigarh	Quiz
5.	Mr. Abdul Qahar Bakhshi	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
6.	Mr. Ahmad Samizada	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
7.	Mr. Zahin Ahmad Noori	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
8.	Mr. Ataullah Shneezai	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
9.	Mr. Ahmad Nawid	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
10.	Mr. Sayed Suhrab	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
11.	Mr. Ahmad Faisal Attaie	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
12.	Mr. Muslim Farwardin Salah	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
13.	Mr. Khalil Ali Khel	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
14.	Mr. Ahmad Mustafa Miskeenyar	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
15.	Mr. Mohammad Omar Aseel	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance
16.	Mr. Mohammad Amin Hamidi	Sri Guru Gobind Singh College Sec-26, Chandigarh	Dance

DEPARTMENT OF NSS

NSS department of Panjab University is a very old department. It was started in year 1969. It is a nodal agency to supervise and regulate the regular activities in Panjab University campus and its affiliated colleges. Presently more than 120 affiliated colleges have regular NSS units. In Panjab University there are 9 NSS units (900 volunteers). As a nodal agency Panjab University is supervising more than 18000 volunteers in its affiliated colleges in Panjab University campus. The aim of Panjab University NSS department is to:-

1. To render services to the community while studying in an educational institution.
2. To provide them with an opportunity to work creatively and constructively with education they receive to concrete social use and specifically.
3. To arouse the social conscience among students.
4. To gain skills in programmes development to be able to be self employed.
5. To work with and among the people.
6. The goals are to achieve improvement in personality, leadership potential.

Achievements

1. In the year 2015 Mr. Vikas, the student of Panjab University Campus awarded Rashtrapati award
2. In the year 2016 Ms. Shilpa Mahajan, the student of Government College, Sector-11, Chandigarh awarded Indira Gandhi award in the supervision of NSS department of Panjab University.

Main activities

1. The Panjab University NSS department organized megha yoga camp on 21st june 2015. In this yoga camp one thousand NSS volunteers participated with great zeal.
2. In the year 2014, Panjab University organized a national seminar to create awareness NSS as elective subject.
3. Panjab University NSS department celebrate gandhi jayanti, rashtrya ekta divas, seven days NSS camps, tree plantation Campion, Walk of hope.
4. On March 19, 2016 Panjab University NSS volunteers participated in the walk of hope from Sukhna Lake to Panjab University PU Campus on the occasion Captaan Singh Solanki, Governor of Panjab and Haryana flagged off this walk of hope.

It is a matter of proud that Panjab University is going to start NSS as elective subject from the academic session 2016-2017.

Panjab University NSS Team

Programme Coordinator	:	Prof. Yog Raj
Campus Coordinator	:	Dr. Jatinder Grover
Programme officers	:	Dr. Madhuri Rishi Dr. Harish Kumar Dr. Amrinder Pal Singh Dr. Jessu Jaskanwar Singh Dr. Navleen Kaur Dr. Neeru Chaudhary Dr. Gaurav Gaur

Dr. Purva Mishra
Dr. Sanjeev Gautam
Dr. Nirmal Singh
Dr. Vijay Laxmi
Dr. Pawan Kumar

Weightage for NSS volunteers

1% of obtained marks for 'A' Certificate (One year and 120 hours activities)

2% of obtained marks for 'B' Certificate (Two year and 240 hours activities)

3% of obtained marks for 'C' Certificate (Three year and 360 hours activities)

DIRECTORATE OF SPORTS

The faculty members of this Directorate are :-

Dr. Parminder Singh Ahluwalia : University Director of Physical Education
Dr. Dolly : Deputy Director of Physical Education
Dr. Rakesh Malik : Deputy Director of Physical Education

The Directorate of Sports, Panjab University was set up in the year 1948. There are 200 men, women, co-educational & Educational College affiliated to the University. Panjab University Sports Committee has been formed to guide, frame policy and co-ordinate the sports activities. In order to encourage sports activities of the rural and small colleges, the Directorate has divided the affiliated colleges into 'A', 'B' and 'C' Divisions, according to the strength of students so that the balance be maintained between rural and urban colleges. Directorate of Sports functions under the overall control and supervision of **University Director of Physical Education.**

The Directorate of Sports is located in the Panjab University **Jawahar Lal Nehru Complex Building (Gymnasium Hall)**. This complex has a magnificent air conditioned gymnasium hall for indoor games with international standard facilities and equipment for badminton, table-tennis, kabaddi(NS), weight lifting, judo, wrestling and Taekwondo. A separate fitness centre for men and women and a well equipped physiotherapy laboratory has also been established in the gymnasium hall. A swimming pool of international dimension is also available in the university campus which is used for all the swimming competitions held in this city. All weather Swimming Pool has also been started.

Directorate of Sports has its own two sports hostels for Men & Women to accommodate the sports persons who come to participate in the inter-college and inter-university competitions. These hostels have a three storey building to accommodate about 200 men and 300 women players with eight official rooms.

Directorate of Sports has its own 10 M. Indoor Shooting Range of International standard and this Directorate has conducted All India Inter University Shooting Championship in the month of February, 2014 in the newly constructed Shooting Range very successfully.

Construction work of Hockey Astro Turf ground Cricket ground is also going on and the same will be completed very soon.

AIM:- Excellence in Sports.

The main objective of the Directorate of Sports is to foster sportsman spirit inculcating sense of discipline, co-operation, social harmony, integrity and fitness among the players. Directorate of

Sports feels concerned about the health and fitness of Panjab University employees also and organizes a physical fitness festival for them every year. Employees participate in games like football, volleyball, table-tennis, badminton, cricket, tug of war and athletics. The participants in of the University employees is always encouraging. It has proved to be a very useful scheme for the university employees.

The latest and modern equipments for all the games are available for the use of the University players. The Directorate of Sports organized about 111 Inter College and eight Inter University competitions this year. The Directorate of sports fielded 78 teams both for men and women in Inter University competitions and arranged coaching camps in these games under the supervision of expert coaches.

Outstanding sports persons are given financial concessions, Free education (no fee will be charged except examination fees), Free hostel accommodation shall be allotted and special seats will be reserved in hostels for above mentioned category of sportspersons (No hostel fee or any other charges and exemption of mess and canteen charges maximum upto Rs. 3500/- only) and Free swimming Pool, Gym Facility, Tennis, Shooting and Physiotherapy. Merit scholarships are also awarded to such persons. Players of all the teams representing P.U. Campus in the inter-college competitions are given uniforms (free of cost) & refreshments during coaching camp to encourage more participation in the sports competitions.

5% seats are reserved for sportspersons in the teaching departments. Students admitted under this category are required to attend the grounds regularly, failing which their admission is liable to be cancelled from the department. It has been done to encourage more participation among the campus students.

Infrastructural and other Facilities in the Directorate of Sports

Directorate of Sports functions under the overall supervision of Director of Physical Education & Sports. The Directorate has the following spacious and lush green playgrounds within the University Campus:-

1. 400 meters grassy athletic track (8 lanes)
2. Two Basketball cemented courts of International standard (with flood lights)
3. Four Volleyball Courts
4. One Hockey ground
5. Two Football grounds
6. Two Handball Courts
7. Two Kho-Kho Courts
8. Two Kabaddi Courts
9. Three Softball grounds
10. Two Cricket grounds
11. One Netball ground
12. One Korfbal ground
13. i) Two Synthetic Lawn Tennis courts
ii) Eight Grassy Lawn Tennis Courts
iii) One Cinder Lawn Tennis Court
14. Swimming Pool
15. All weather Swimming Pool
16. 10 M. Shooting Range (Centrally A.C.)

The outstanding sports persons who bring honour to the University are given incentives and cash awards.

Directorate of Sports always helps the Chandigarh Administration, U.T. Sports department and other sports agencies in the conduct of national and international level competitions in various games.

The main objective of the Directorate of Sports is to foster sportsmen spirit, discipline, co-operation, honesty, integrity and fitness among the players.

**POSITIONS SECURED & PARTICIPATION IN INTERNATIONAL/NATIONAL TOURNAMENTS
2015-16**

Sr. No.	TEAM	TOURNAMENTS	PERFORMANCE
1.	Shooting	World University Games-2015 held at Gwangju South Korea from 03-14 July, 2015	One Bronze Medal, One 4th position
2.	Shooting	SAG-2015	Two Gold Medal
3.	Athletics	SAG-2015	One Gold Medal
4.	Swimming	SAG-2015	One Gold (Team) and One Bronze Medal (Indv.)

MEN TEAMS

POSITIONS SECURED IN ALL INDIA INTER UNIVERSITY TOURNAMENTS 2015-16

Sr. No.	TEAM	PERFORMANCE
1.	Wrestling (Greco Roman)	Winner (Three Gold & One Silver Medal)
2.	Swimming	Winner
	1. 4x100 M. Free Style Relay(team)	Gold
	2. 4x200 M. Free Style Relay(team)	Gold
	3. 4x100 M. Med. Relay(team)	Gold
		Four Gold Medal (Indv.), One Fourth Position (Indv.)
3.	Waterpolo	Winner
4.	Football	Winner
5.	Badminton	Winner
6.	Shooting	Winner
	i) Air Rifle	One Silver Medal (Team), & One Gold Medal (Indv.)
7.	Gatka	Runners up (Four Gold Medals (Indv.), Three Gold Medals (team), & One Fourth Position (Indv.))
8.	Diving	Runner Up (Two Silver Medals)
9.	Yachting	Runner Up
	600 Mtrs.	One Silver Medal(Team)
	1200 Mtrs.	One Silver Medal(Team)
	1800 Mtrs.	One Fourth Position (Team)
10.	Fencing	Runner Up
	i) Foil	One Gold Medal (Team), One Bronze Medal
	ii) Epee	Two Bronze Medals (Indv.)
	iii) Sabre	One Bronze Medal (Team), One Silver Medal (Indv.)

11.	Rowing	Runner Up One Gold Medal & Two Silver Medals
12.	Judo	Third Position (One Silver & Two Bronze Medals)
13.	Softball	Third Position
14.	Kabaddi (N.S)	Third Position
15.	Cross Country	One Fourth Position (Indv.)
16.	Boxing	Fourth Position (One Gold Medal, One Silver Medal & Three Bronze Medals)
17.	Archery	One Sliver (Indv.)
18.	Cycling	One Individual Fourth Position
19.	Wrestling (Free Style)	One Gold & Two Bronze Medals
20.	Weight Lifting	One Fourth Position (Indv.)
21.	Chess	One Bronze Medal (Indv)
22.	Athletics	Two Gold Medals, One Silver Medal & Three Bronze Medals(Indv.)

POSITIONS SECURED IN NORTH ZONE INTER UNIVERSITY TOURNAMENTS 2015-16

Sr. No	TEAM	NORTH ZONE PERFORMANCE
1.	Football	Winner
2.	Basketball	Winner
3.	Badminton	Winner
4.	Kho Kho	Winner
5.	Table Tennis	Runners up
6.	Chess	Runner up
7.	Kabaddi (NS)	Third Position
8.	Lawn Tennis	Third Position
9.	Volleyball	Fourth Position
10.	Hockey	Fourth Position

WOMEN TEAMS

POSITIONS SECURED IN ALL INDIA INTER UNIVERSITY TOURNAMENTS 2015-16.

Sr. No.	TEAM	PERFORMANCE
1.	Squash	Winner
2.	Fencing	Winner
	i) Foil Team	One Silver Medal (Team) One Gold Medal & One Bronze Medal(Indv)
	ii) Sabre	One Silver Medal (Team) Two Bronze Medals (Indv.)
	iii) Epee	One Bronze Medal (Team) & One Bronze Medal (Indv.)

3.	Shooting i) Air Rifle ii) Air Pistol	Winner One Silver Medal (Team) One Gold Medal (Team), One Silver Medal ,One Bronze Medal & One Fourth Position (Indv.)
4.	Swimming 1. 4x100 M. Free Style Relay(team) 2. 4x100 M. Med. Relay(team)	Winner Fourth Position (Team) One Silver Medal (Team) Three Gold Medals (Indv.), One Silver Medal (Indv.) Three Fourth Positions (Indv.)
5.	Gatka	Runners-up Three Gold Medals (team), Five Silver Medals (team), Two Silver Medals (Indv.), One Bronze Medal (indv).
6.	Swimming-Diving	Runner Up (One Gold)
7.	Softball	Runner up
8.	Judo	Third Position (One Gold Medal, One Silver Medal & One Bronze Medal)
9.	Yachting 600 Mtrs. 1200 Mtrs. 1800 Mtrs.	Fourth One Fourth position (Team) One Bronze Medal (Team) One Bronze Medal (Team)
10.	Wrestling	Two Silver Medals (Indv.)
11.	Archery	Two Fourth Positions (Indv.)
12.	Boxing	One Sliver Medal & One Bronze Medal
13.	Weight lifting	One Silver Medal, One Fourth Position (Indv.)
14.	Athletics	One Gold Medal, One Sliver Medal & One Bronze Medal
15.	Rowing	One Bronze Medal (Team)
16.	Power lifting	One Bronze Medal

POSITIONS SECURED IN NORTH ZONE INTER UNIVERSITY TOURNAMENTS 2015-16.

Sr. No.	TEAM	PERFORMANCE
1.	Handball	Third Position
2.	Tennis	Third Position
3.	Kho-Kho	Third Position
4.	Badminton	Third Position
5.	Kabaddi (N.S)	Fourth Position
6.	Football	Fourth Position

TENTATIVE SCHEDULE OF CAMPUS SPORTS ACTIVITIES 2016-17

July 2016	Admissions of sports quota students	15 th to 18 th July, 2016
August 2016	Physical Fitness Activity of Sports quota students	01.08.2016 onwards to as per the University Academic Calendar
September 2016	Inter Deptt. and Inter Hostel Badminton	01.09.2016 to 02.09.2016
	Inter Deptt. and Inter Hostel Table-Tennis	01.09.2016 to 02.09.2016
	Inter Deptt. and Inter Hostel Swimming	05.09.2016
	Inter Hostel Volleyball	08.09.2016 to 09.09.2016
	Inter Hostel Football	08.09.2016 to 09.09.2016
	Inter Hostel Cricket	13.09.2016 to 17.09.2016
	Inter Hostel Hockey	19.09.2016 to 20.09.2016
	Inter Department Cricket	21.09.2016 to 29.09.2016
	Inter College Competition	According to PUSC Calendar
	Inter Hostel Tug of War	30.09.2016
October 2016	Inter Hostel Basketball	03.10.2016 to 04.10.2016
November 2016	Annual Athletic Meet	Last week of November 2016
December 2016	Inter College Competition	According to PUSC Calendar
	Inter College Competition	According to PUSC Calendar
January 2017	Inter College Competition	According to PUSC Calendar
	Inter College Competition	According to PUSC Calendar
February 2017	Inter College Competition	According to PUSC Calendar
March 2017	Annual Sports Prize Distribution Function	3 rd week of March, 2017

GUIDELINES FOR SPECIAL INCENTIVES

Special Incentives for the sports persons who are studying in P.U. Campus, Constituent Colleges of P.U. and Regional Centres of P.U., Chandigarh or intended to take admission in P.U. Campus, Constituent Colleges of P.U. and Regional Centres of P.U., Chandigarh.

Aim:

1. To motivate the outstanding sports persons to take admission in P.U. Campus, Constituent Colleges of P.U. and Regional Centres of P.U., Chandigarh.
2. To motivate and provide financial assistance to the outstanding sports persons of P.U. Campus, Constituent Colleges of P.U. and Regional Centres of P.U., Chandigarh.

Conditions:

- a) Special Incentives scheme for the outstanding sports persons of P.U. Campus, Constituent Colleges of P.U. and Regional Centres of P.U., Chandigarh during their study in their respective institution who brought laurels to Panjab University by their outstanding sports performance in those games which are recognized by IOA (Indian Olympic Association) and that games are considered for the calculations of marks awarded to each University for the purpose of awarding MAKATROPHY.
- b) Special Incentives Scheme subject to the submission of the affidavit by the sports persons that he/she will represent the Panjab University/State team in the Inter-University Competition/National Championship/games for which special incentives is claimed.
- c) The Special Incentives scheme will be applicable to sports persons of P.U. Campus, Constituent Colleges of P.U. and Regional Centres of P.U., Chandigarh whose performance falls under the current academic session subject to submission of affidavit that he/she will represent the Panjab University team/State team in the Inter-University Competition/National Championship/National games in the games for which special incentives scheme was claimed.
- d) The Special Incentives scheme will also be applicable to those sports persons who intend to take admission in P.U. Campus, Constituent Colleges of P.U. and Regional Centres of Panjab University, Chandigarh. In these cases, their last session's performance will be considered for special incentives scheme according to their eligibility in the criteria.
- e) The special incentive will be awarded only after the submission of concerned Certificate/s with an affidavit of their performance and accreditation or the concerned certificate and issuing authority by Internal Olympic Committee/Indian Olympic Association.
- f) The period of achievements will be counted from 1st July to 30th June every year.
- g) The incentives will be given to only those applicants who will submit the attested copies of their achievement certificate/s in the office of the Directorate of Sports, Panjab University, Chandigarh before 30th June every year.

The following points are applicable for the sports person of PU Campus, constituent Colleges of P.U., Regional Centres of P.U., Chandigarh and all affiliated college.

- h) The sports person's leave for sports competition/coaching camps (including Journey days) recommended by the Directorate of Sports including Inter-University tournaments, Inter-College tournaments, Sr. National Championships and International Championships etc. During this leave period the concerned sports person shall be treated as present for the assessment and for all other academic purposes.

- i) The Provision of special examination (sessional/internal/external including practical and theory examination) as recommended by the Director Phy.Edu. & Sports should be made for the sports persons who miss the exams while participating in the sports events.
- j) Sports persons who represent India in Senior/Junior/Youth/Cadet Categories will be given incentives as per their category.

Scheme No.(1) International Level Achievement

A person getting any of the first four positions or represented India in the Olympic Games World Championships/World Cups/ Davis Cup/Thomas Cup/Uber Cup/Para Olympic. Games/Winter Olympic Games/Champions Trophy/Common wealth Games/ Commonwealth Championships/World University Games/World University Championships/Asian Games/Asian Cups/Asian Championships/ Asian Winter Games/Asian Olympics/Wimbledon 'Championship/U S, French and Australia Open (Tennis) Championships/All England Badminton tournament/ Youth Olympic Games/One day International Cricket Matches/Cricket Test Matches/Common wealth Youth Games International Athletic Permit Meet/Asian Youth Games/Asian Martial Art Games Asian Winter Games/SAF Games Any other Game/Sport recognized by IOA as mentioned in **Annexure-I Category-A-1, A -2 and A-3** are eligible for the Incentives mentioned in incentive Scheme (I) given below: -

Incentive Scheme(I)

- 1. Free education (no fee will be charged except examination fees).
- 2. Free hostel accommodation shall be allotted and special seats will be reserved in hostels for above mentioned category of sports persons (No hostel fee or any other charges and exemption of mess and canteen charges maximum upto Rs. 3500/-only).
- 3. Free Swimming Pool, Gym facility, Tennis, Shooting and Physiotherapy

Scheme No.(II) National Level Achievement & Inter-University Tournaments/National University Games

A person getting any of the first four positions in the National Games/National Championships/ Federation Cups in Senior Category only organized by National Sports Federations recognized by Govt. of India and Indian Olympic Association/National Sports Festival for Women/Inter-University Tournaments/ National University Games as mentioned in Category-B & C respectively in Annexure-1 are eligible for the incentives mentioned in the incentives scheme (II) given below:-

Incentives Schemes(II)

- 1. Free education (No fee will be charged except full examination fees)
- 2. Free hostel accommodation shall be allotted and special seats will be reserved in hostels for above mentioned category of sports persons (No hostel fee or any other charges except mess and canteen charges)
- 3. Free Swimming Pool, Gym facility and Physiotherapy

BHAI GHANAIIYA JI INSTITUTE OF HEALTH

'Bhai Ghanaiya Ji institute of Health' has undergone an extensive and elaborate expansion in its health facilities for its employees including retirees, their dependent children, parents and all students both day scholars, evening students and hostel inmates of this University. The existing infrastructure has been thoroughly upgraded with the high-tech latest equipments in the field of Radiology, Clinical Laboratory wings have been created. A washroom has been specifically done up for the differently-

abled. The office has been automated resulting in best space use. Five new patient friendly doctors' chambers have been put to use for different specialists.

Presently, BGJ Institute of Health is manned by Chief Medical Officer (One), Ex-Additional Chief Medical Officer (Two), Medical Officer (One). Visiting consultant (One) Full Time Medical Officers on contract basis (Three), Part Time Specialists Gynecologist (One), Medical Specialist (One), Yoga Instructor (One), Ophthalmologist (One), Pediatrician (one), and Ayurvedic Medical Officer (one).

The supporting staff consists of Chief Pharmacist (Four), Pharmacists (Two), Sister Nurse (One), Multipurpose Health Workers (Female Three) , Dresser (Two), Ward boy (One), Para Medical Attendants (Four Regular and Two contractual), Laboratory Technician (One), Laboratory Assistant (One), Cleaners (Four Regular and Two Contractual). Besides, the office is manned by Superintendent (One), Senior Assistant (One) and Clerk on Daily Wage Basis (One).

They are serving the strong community of about 50,000 (fifty thousand) consisting of students, teachers, non- teaching employees (both serving and retired) along with their dependents and the daily wagers, mess-workers, On contract employees, university delegates, guests, visiting dignitaries etc. The number of patients visiting Health Centre is 350 to 450 per day on an average.

Regular Scheduled OPD Hours

Morning shift : 8.30 am to 12.30 pm (Monday to Friday)

9 am to 11 am (Saturdays)

Evening shift : 5 pm to 6 pm (Monday to Friday)

Emergency services { 12.30 pm - 5.30 pm }
{ 5.30 pm - 10 pm } in the premises of BGJ Institute of Health

10 pm - 8.30 am (next day) on call

8.30 am-8.30 am (next day)

On all Sundays/gazette holidays- 24 hrs. on call

Ambulance Services

Fully equipped ambulance service is available to all the patients 24x7. The Ambulance service is provided FREE to all students and class C employees and their dependents in case of any medical need.

Medicines

All the employees both teaching and non teaching and their dependents and all bonafide students are provided free in stock medicines. The purchases of medicines are made directly from the Pharmaceutical Companies that are on the approved list of BGJ Institute of Health (Medical list). With this arrangement, we are able to save about 50% on the cost of medicines. Medicines worth more than Rs. 55, 00,000/-were purchased this year. About 30 chemist shops/ drug stores in the tri-city are offering a discount of 10% on branded medicines and 30% on generic medicines to P.U. patient. This results in an approximate savings of about Rs 20, 00,000/-.

Diagnostic services

- With the installation of highly sophisticated 500mA digitalized version of X-ray machine (Siemens) with a mammographic compatible unit and with a CR system (Fuji) world class X-ray are being done. A total of 2636 X-rays have been done during this period January 2015 to December 2015.

- In a well equipped Clinical Laboratory having semi automatic analyzer all the routine tests in hematology, serology, biochemistry and microbiology etc. are being performed.
- ECGs are being done with 12 channels Schaller ECG machine in a separate ECG room. A total of 731 ECG have been done during this period January 2015 to December 2015.
- Emergency and injection room is now equipped with Nebulizers, Oxygen, an emergency medicine cabinet with all emergency drugs, injections etc.

Medical Entitlement Booklets

The process of issuing new and revalidating old medical entitlement cards in a continuous process. A total of 12858 cards have been processed during this period. This process results in weeding out a number of cards of non entitled persons. Dependent children, parents, spouses of women employees have also been extended free medical entitlement facilities including OPD consultation, in-house available medicines, clinical investigations and Medical Reimbursement at par with male counterparts as per Medical Entitlement rules. The facility of free OPD consultation and laboratory investigations has now been made available to fellows and Ex- fellows. In order to further streamline the method of processing Medical Entitlement cards for which new different types of performas have been introduced. All the information is available on the PU website. Health cards for mess workers and contractual employees is also being introduced.

Chronic Diseases and their drugs distribution

A separate drug dispensing area is earmarked for patients of chronic ailments e.g. Hypertension, Heart diseases, Diabetes, Epilepsy, Asthma and COPDs osteo Arthritis etc. The employees and retirees have been benefited by this arrangement.

Revised National Tuberculosis Control Programme (RNTCP)

The BGJ Institute of Health is an approved designated centre for DOTS under Govt. of India RNTCP. All patients of Tuberculosis are provided anti-tuberculosis drugs as per latest RNTCP guidelines free of cost.

Vector & Water Borne Diseases Surveillance Centre

With the collaboration of department of Health (National Vector Borne Wing) Chandigarh Administration, we are running a complete surveillance unit of malaria and dengue other vector borne diseases. Regular sprays and other preventive measures against malaria and other vector borne diseases are being undertaken. All malaria positive patients are notified to the concerned higher health authority of Chandigarh (U.T.).

Communicable Diseases and their Monitoring

Special arrangements are made every year to monitor all communicable diseases in coordination with the UT health services and to create awareness among both the employees and students. A number of cases of conjunctivitis are also reported every year. Records of patients having symptoms like cough, cold and fever are maintained separately to facilitate accurate monitoring. The staff of Institute of Health has been immunized against Hepatitis-B.

Special provision for Senior Citizens

For the convenience of the superannuated employees of the University, a special provision has been made to facilitate their out of turn registration, consultation and dispensing of Medicines in order to provide them medical assistance with in minimum possible time frame. Since this Institute is already doing its best to go on improving the available infrastructure for the benefit of all the patients with

special focus on relatively with special need of a section of society. To fulfill this objective room no 16 has been specially designated and completely refurbished for the senior citizens and patients who has to get the investigations done after meal. Which is fully air conditioned equipped with a small pantry, a library cabinet, dining table, drinking water facility , a microwave, a refrigerator and wooden flooring. For above fund of Rupees two lacs have been donated to us, out of which one lac is donated by one of our very satisfied patient and another Rupees one lac is approved by the honorable Vice-Chancellor of P.U.

Yoga Classes

Yoga classes are being conducted regularly under the supervision of a qualified Yoga- Instructor.

- (i) 5 pm to 6 pm (BGJ Institute of Health Sector 14) Monday to Friday
- (ii) 6 pm to 7 pm (Community Centre, Sector 25) Monday to Friday

Health Awareness lectures, Seminars and Workshops

Lectures by medical experts on various health related topics are periodically held for awareness on health issues like Diabetic Neuropathy, Road safety, smoking hazards, alcohol abuse, Asthma Day, Hypertension Day, and Hepatitis Day stress awareness etc. in order to keep staff of BGJ Institute of Health abreast with the latest happenings in the medical sciences , interactive session cum demonstration with the help of power point presentation on topics of Vector Borne Disease, hand hygiene etc were conducted so that they can serve the community in a better way.

Medical camps

Medical camps are organized on Spirometry, Bone Mineral Density, Thyroid Function Test, Diabetes detection camps and Hypertension in association with Pharma companies for the benefit of University community. During this period 380 patients were examined for Bone densitometry, HbA 1c test were performed free of cost.

- ◆ Four HBAIC camps organized with the help of Serdia, for the benefit of diabetic patients. A total of 36 patients examined during this camp.
- ◆ One Spirometry (PFT) checks up camps were organized with the help of Cipla for the benefit of asthmatic and respiratory disorder patients. A total of 12 patients examined during these camps.
- ◆ Two BMD camps were organized with the help of Glenmark Pharma. A total of 380 patients were examined during these camps.
- ◆ All the above camps were organized free of cost.
- ◆ Thyroid function tests are performed on each Friday on highly subsidized rates.
- ◆ Walkathon and a lecture on Hepatitis Awareness was organized on 28th July 2015 by Zydus Cadila Pharma.

Reimbursement facilities

Reimbursement facilities are available to all the bonafide University employees and their dependents (both serving and retiree) as per medical reimbursement rules of the University. Single window service has been started for the quick, easy and hassle free reimbursement process. Packages for various medical ailments have been implemented so that reimbursement procedures get further facilitated for patients not availing treatment at Govt. Hospitals, GMCH- 32, PGIMER, Chd, AIIMS New Delhi etc. The reimbursements of bills are done at PGIMER Chd/ AIIMS rates/ Panjab Govt. Medical Attendance rule.

Back-Up Electricity facility

During the period of non- availability of electricity, back up facility has been established by providing no maintenance inverters. This has result in smooth functioning of OPDs, clinical Laboratory Emergency services during electricity shut down periods.

Academic and Social Activities

The Medical doctors of the Institute of Health are regularly engaged as guest and honorary faculty in the subjects of Medicine, Surgery, Sports Medicines and Exercise Physiology etc. They regularly participate in continuing Medical Education/programmes throughout the year. They have delivered lectures on medicine, Drugs, Alcohol and Substance Abuse, Health Concerns, Health and Teachers at Chandigarh Judicial Academy, Rajiv Gandhi National Law University Patiala and Kendra sangthan. (Union Ministry of Human Resource and Development) and various Department of Panjab university etc.

Visual Aids

A LCD 32 Inches with cable connection is functioning in the patients' waiting area to telecast various health related programmes of different TV channels including Door Darshan.

Library

Library equipped with latest medical books and journals.

Newspapers and Magazines

Newspapers and Magazines both in English and Hindi are being made available in the patients waiting areas.

New facilities and additions

- ◆ Medicine gadget and equipment are being purchase for about rupees 10 lacs.
- ◆ For senior citizens 'Rest Room cum Dining Room' equipped with library is now functional.
- ◆ For storing medicines at desirable room temperature and cool environment away from sunlight, the pharmacy storage has been fully renovated.
- ◆ A Dietician and nutritionist is available on every Monday.

Parking area

For the convenience of patients, old and enfeebled, senior citizens and physically challenged, more facilities for parking of their transport has been provided.

Future Vision

- We are in the process of installation of alternative source of energy (Solar Energy).
- To go for computerization of Medicines and patients records etc.
- Air conditioning of rest of the patient facility areas.
- Automatic fully computerized autoclave is in purchase process along with Oxygen concentrator.
- Upgradation of laboratory with automatic cell counter and auto analyzer.
- Installation of audiovisual system at senior citizens retiring room.
- LCD projector with screen and laptop for medical/educational programmes for patients.

FEE STRUCTURE

I Tuition fee and Lab Charges for Professional Courses (Academic Session 2016-2017)

Sr. No	Class/Course	Tuition Fee (p.a.) To be charged in two installments	Lab Charges (p.m.)
1.	L.L.B (3 year course)	4,000/-	-
2.	B.E.(Chemical)/Food Tech	7,720	280/-
3.	B.Pharmacy	5,080	110/-
4.	M.Sc (Bio-Technology)	11,180	17760/- p.a
5.	M.Tech. Instrumentation (UCIM), M.Tech Polymer & M.E. (Chemical), M.E. (Chemical with Env. & Engg.), M.E (Food Tech) (UICET)	14,690	280/-
6.	M.Pharmacy	14,690	280/-
7.	MBA (Gen, IB, HR, *Bio-Tech)	9,400	5250/-
			lab charges from the students of MBA (Bio-Tech) each for 3rd & 4th sem
8.	MBA (Executive)	81,200	-
9.	M.E. (UIET)	12,850	240/-
	M.Tech (Microelectronics, Material Science & Technology)	14,690	280/-
10.	MCA	14,690	560/-
11.	Master in Library & Information Science	5,920	100/-
12.	M.A. (Journalism & Mass Communication)	5,920	280/-
13.	L.L.M one year Course	University Account	
		1. Admission	2000/- p.a.
		2. Tuition fee	14,700/-p.a.
		3. Placement Cell Fee	1000/- p.a.
		4. Library Security (Refundable)	1000/- p.a.
		5. * Electricity and Water Charges	1200/- p.a.
		(*Merged in Development Fund)	
		Departmental Fund	
		1. Law Review fee	1000/- p.a.
		2. I Card Fee	40/- p.a.
		3. Library and Reading Room fee	3500/- p.a.
		4. Dinner & Social Function Fee	1000/- p.a.
		5. Computer Lab Charges	3000/- p.a.
		6. Legal Aid Fee	150/- p.a.
		7. Visit to other Educational Institute	2500/- p.a.
		8. Special Lecture Fee	1500/- p.a.

9. Up keeping Institution Fund	2500/- p.a.
10. Seminar and Conferences	4500/- p.a.
11. Law Alumni Fee	1000/-p.a.
12. Convocation Fee (at Entry Level)	1000/- p.a.

Dissertation and term fee Charges

1. Dissertation fee	2000/-
2. Term paper Fee	1500/-

Extension Fee of dissertation after due date

A) For Six months	1210/-
-------------------	--------

Extension Fee of dissertation after due date

1. For three months	750/-
---------------------	-------

II SELF FINANCING COURSES/PARTIALLY SELF SUPPORTING COURSES

Name of the Deptt.	Course	Tuition Fee (p.a.) To be charged in two installments	Laboratory Charges
1) University Institute of Engineering & Tech, Chandigarh & Sarwanand Giri, Regional Centre, Hoshiarpur	i) B.E. Courses	57,000	11,025 per annum
	1950 p.a. Dev Fund		
	ii) B.E. with MBA only in UIET	82,200	
	3rd year	93,760	
	4th year	1,09,500/-	
	5th year		
2) Dr. Harvansh Singh Judge Institute of Dental Sci. & Hospital	i) 4 year BDS Course	86,400	16,010/- per annum
	ii) M.D.S Course	401200	
		2960/- p.a.Dev. Fund	
		2960/- p.a. Dev. Fund	
3) University Institute of Emerging Area in Science & Technology	i) M.Sc. (Microbial Bio-Tech)	44,400	15,750/-per sem.
	ii) Master in Public Health	Open 44,400	120/- p.m.
	iii) M.Sc. in System Biology & Bio Informatics	In service 65,400	120/- p.m.
	iv) M.Sc. in Nuclear Medicine (Bio-Physics)	33,900	120/- p.m.
	v) M.Sc. in Medical Physics	33,900	120/- p.m.
	vi) M.Tech Nano Science & Nano Technology	16,010	280/- p.m. 3750/- per sem. Contingency Deptt fund
	vii) M.Sc. in Stem Cell & Tissue Engg.	71,700	120/- p.m.

4)	Computer Science Applications	MCA Programme (Evening)	65,400	560/- p.m.
5)	Dr. S.S. Bhatnagar University Institute of Chemical Engg. & Tech	B.E (Chem.) with MBA 5 year Integrated Course	70,660	-
6)	Physics	i) B.Sc. (H.S) in Physics & Electronics	33,900	10,500/- p.a.
		ii) M.Sc. (H.S) Physics & Electronics	44,400	15,750/- p.a.
7)	Arts History & Visual Arts, A.I.H.C & A	i) Certificate Course in arts appreciation	17,370	-
		ii) Diploma in Heritage Tourism	-do-	
8)	English	Proficiency in English (IELTS) & Spoken English	11,580	-
9)	Community Education & Disability Studies	i) M.A. in Community Edu.	17,380	-
		ii) B.Ed. Special Education in Learning Disability	23,150	-
		iii) M.Ed. Special Education in Learning Disability	25,400	-
10)	Centre for Defence & National Securities	M.Phil.	11,580	-
		i) One year post Graduate diploma in disaster management and security	23,150	
		ii) 3 months executive certificate course in disaster mgt & security	11,580	
		iii) One year post graduate diploma in Home land Security	13,890	
11)	Institute of Forensic Science & Criminology	M.Sc. i) Open Category	54,900	120/- p.m.
		ii) In Service	65,400	120/- p.m.
12)	School of Communication Studies	i) P.G Diploma in Advertising & Public Relations	23,150	-
		ii) P.G Diploma in Hindi Journalism	-do-	
		iii) P.G Diploma in Panjabi Journalism	-do-	

13) University Institute of Applied Management Science	MBA i) Retail Mgt ii) Banking & Insurance iii) Telecommunication & I.T. iv) Infrastructural Management v) Pharmaceutical Management vi) Hospital Mgt	2,12,400	10,000/- Summer Placement (Deptt Fund)
14) University Institute Pharmaceutical Sciences	i) M.Pharmacy (Drug Discovery & Drug Development) ii) M.Pharmacy (Pharmaceutical Analysis) iii) Ph.d. Programme in Pharmaceutical Science	2,12,400 2,12,400 2,12,400	Rs. 52,500/- p.a. -do- -do-
15) University Institute of Hotel Management & Tourism	i) B.Sc. in Hospitality & Hotel Administration ii) B.Sc. in Tourism Management	54,900 33,900	140/- p.m. 3,000/- p.a. student activities fund (Deptt Fund)
16) University Institute of Fashion Technology & Vocational Development	i) B.Sc. in Fashion & Life Style Technology ii) M.Sc. in Fashion & Life Style Technology	54,900 86,400	140/- p.m. 120/- p.m. Rs. 5000/- per sem Charges for display exhibition other fashion events to be given to UIFT for organizing such events (Deptt Fund)
17) Panjab University Sarva Nand Giri Regional Centre Bajwara, Hoshiarpur	MCA	65,400	560/- p.m.
18) Panjab University Regional Centre, Ludhiana	MBA	1,59,900	-
19) Institute of Educational Technology & Vocational Education	4 year Integrated Course B.A. (H.S)(Education) B.Ed. Elementary, Secondary 1st year 2nd year 3rd year 4th year	23,150 28,660 33,900 39,160	-
20) University Centre of Instrumentation & Microelectronics	M.Sc. Instrumentation	69,600	120/- p.m.

21) Geography	i) Masters in Remote Sensing & GIS	31,800	-
	ii) Masters in Disaster Mgt	33,900	
22) Psychology	Post M.A. Diploma (one Year)		
	i) Professional Counseling and Psychotherapy	28,650	-
	ii) Psychological Testing		
23) PU Regional Centre Ludhiana & Hoshiarpur	Three year LLB Course	20,840	Rs. 13080/- p.a. (Development Fund)
24) Panjab University, Chandigarh, P.U. R.C Ludhiana & SSGPURC, Hoshiarpur	B.A. LL.B (Hons) Five years integrated course	(a)	
	i) Admission Fee		1050/- p.a.
	ii) Tuition Fee		54,900 p.a. (In two installment)
	iii) Development Fund		6630/- p.a.
	(b) Departmental Fund		
	i) Library & Computer Fund		3000/-p.a.
	ii) Practical Training fund/Moot Fund		2000/- p.a.
	iii) Law Review/ Magazine Fund		200/- p.a.
	iv) Placement Fund		500/- p.a.
	v) Social Function Fund		500/- p.a.
	vi) Visit to other educational/ justice institutional Fund		500/- p.a.
	vii) Special Lecture Fee		500/- p.a.
	viii) Educational & Cultural Exchange Fund and Alumni Membership Fee		600/- p.a.
	ix) Up keeping of Institution fund		1500/- p.a.

25)	1. University Institute of Legal Studies, Chandigarh 2. P.U.R.C.Ludhiana	L.L.M one/two year Course	a) i. Admission Fee 1050/- p.a. ii. Tuition Fee 65,200/- p.a. (In two installment) iii. Development Fund 6630/- p.a. (b) Departmental Fund i. Library & Computer Fund 5000/-p.a. ii. Practical Training fund/Moot Fund 5000/-p.a. iii. Law Review/ Magazine Fund 1000/- p.a. iv. Placement Fund 500/- p.a. v. Social Function Fund 500/- p.a. vi. Visit to other educational/justice institutional Fund 2000/- p.a. vii. Special Lecture Fee 5000/- p.a. viii. Educational & Cultural Exchange Fund and Alumni Membership Fee 1500/- p.a. ix. Up keeping of Institution fund 5000/- p.a. x. Convocation Fee 1000 xi. Identity Card fee 100 p.a. C Library Security 5,000 p.a. (Refundable)
-----	--	--------------------------------------	--

III) Other Courses including students under Exchange programme.

Sr. No.	Class/Course	Tuition Fee (p.a.) To be charge in two installments	Laboratory Charges (p.m.)
1.	B.A./ B.Com	2200	-
2.	B.A.(H.S) in Economics/Five year Integrated programme (H.S) in Social Science (ISSER)	7600	1100 p.a.(computer charges)
3.	B.Sc (H.S) other than Math	2320	140
4.	B.Sc (H.S) in Math	2320	40
5.	B.Sc (H.S)		
	i) Mathematics & Computing	2320	15,640/- p.a.
	ii) Bio-Technology	2320	8,880/- p.a.
	iii) Computer Science	2320	17,750/- p.a.

6.	B.A.(H,S) in Social Science, Economics, History, Geography, Philosophy, Political Science, Psychology, Public Administration & A.I.H.C & Archaeology	5080	210/- p.m. project fee 2nd year & 3rd year
7.	B.P.Ed	2440	20
8.	M.A. Evening Studies	2320	-
9.	M.A. all subjects except Psychology	2440	-
10.	M.A. Psychology	2440	40
11.	M.A. (H.S) in Economics	11645	1100 p.a. (computer Charges)
12.	M.Sc. Math & Statistics	2440	40
13.	M.Sc. (H.S) other than Math	2440	120
14.	M.Sc. (H.S) in Math	2440	-
15.	M.Sc. (H.S) in Computer Science	2440	120
16.	M.Sc. Human Genomics	21300	810
17.	i) M.Sc. Environment Science	14570	6,620 p.a.
	ii) M.Sc. Industrial Chemistry	14570	6,620 p.a.
			1220/-p.a. (Dev Fund)
18.	M.Com	3280	-
19.	M.Com (H.S)	31560	170
20.	M.Ed (Guidance & Counseling & Education Tech., General)	3280	40
21.	M.Ed. Evening	3880	40
22.	M.P.Ed.	3280	40
23.	M.Phil Science & Psychology	3280	40
24.	M.Phil (Arts)	3280	-
25.	Certificate Courses	2440	-
26.	Internship in Tibetan	2440	-
27.	Diploma Courses	2440	-
28.	Diploma in Translation (English, Hindi, Punjabi)	2440	-
29.	Diploma in Forensic Science & Criminology	3880	40
30.	Diploma in Education Management	3880	40
31.	Diploma in Preschool Education	11580	-
32.	Diploma in Export Management	12520	670/- p.a. computer charges 1810/- p.a. (Dev Fund)
33.	Advance Diploma Courses	3280	-
34.	Diploma in Advance Scientific Computation	9880	7,340 p.a.
35.	Post M.Sc. (One Year) special course Accelerator Physics	2440	120 Rs. 2500/- p.a. (Contingency)
36.	Post Graduate Diploma in Research Methodology & Statistics	11580 p.a.	-

37	Post Graduate Diploma in Remote Sensing and Geographic Information System Course		
	i) Indian National	23,550	240 p.m.
	ii) Sponsored Candidate Govt /Institutions	17,150 p.a.	240 p.m.
	iii) Foreign Students	92,280	240 p.m.
38	Hobby Classes in Music	3880	-
39	M.A (Sanskrit), Prak Shastri & Archarya Courses	No tuition fee to be charged as per senate decision Para XXXVIII dated 28.3.2004	-
40	University Institute in Emerging Area in Social Science		
	i) M.A. in Social Work	33,900/-	*7000/- (one time field work experience) Deptt fund
	ii) M.A. in Police Administration (open)	(i) 23,150/- (ii) 33,900/-	
		for nominated in service police personal	
	iii) M.A. in Human Rights and Duties	23,150/-	
41.	P.G Diploma In Buddhist Studies	3270	-

IV (A) Fee structure for Foreign National/PIO/NRI Candidates admitted against the seats created for them in some teaching Departments:-

Sr. No.	Class/Course	Tuition Fee US \$	Development Fund US \$	Total Fee US \$
1.	University Business School M.B.A (Gen IB, HR & Bio-Tech)	6430	715	7145 p.a.
2.	Computer Science & Application			
	(i) M.C.A	4900	545	5445 p.a.
	(ii) MCA Evening	4375	485	4860 p.a.
	(iii) M.Sc. (Hons School)	1835	205	2040 p.a.
3.	Dr. S.S. Bhatnagar University Institute of Chemical Engg. & Tech			
	(i) B.E. (Chemical)	6125	680	6805 p.a.
	(ii) B.E. with MBA	4375	485	4860 p.a.
4.	University Institute of Pharmaceutical Sciences			
	(i) B.Pharm	3680	410	4090 p.a.
	(ii) M.Pharm	3665	405	4070 p.a.
5.	B.Sc. (H.S) Science Deptt Anthropology, Botany, Chemistry, Geology, Mathematics, Physics & Zoology	1220	135	1355 p.a.

*As per Syndicate para 29 dt. 23.1.2016/6.2.2016

6.	B.Sc. (H.S) Basic Medical Science Deptt of Bio-Chemistry, Bio-Physics & Microbiology	1835	205	2040 p.a.
7.	M.Sc. (H.S) Science Deptt Anthropology, Botany, Chemistry, Geology, Maths, Physics & Zoology	1835	205	2040 p.a.
8.	M.Sc.(H.S) Basic Medical Science Bio-Chemistry, Bio-Physics & Microbiology	2455	270	2725 p.a.
9.	M.Sc.(Deptt of Statistics)	1835	205	2040 p.a.
10.	University Institute of Engg. & Technology			
	(i) B.E. Courses	6125	680	6805 p.a.
	(ii) M.E. Courses	3665	405	4070 p.a.
	(iii) M.Tech. (Microelectronics)	3680	410	4090 p.a.
11	Deptt of Bio-Technology			
	(i) B.Sc. (H.S)	2455	270	2725 p.a.
	(ii) M.Sc.	3665	405	4070 p.a.
12.	Centre for Environment & Vocational Study M.Sc.	1835	205	2040 p.a.
13.	RSIC/UCIM M.Tech. (Instrumentation)	3680	410	4090 p.a.
14	Deptt of Physical-Education B.P.Ed & M.P.Ed	1220	135	1355 p.a.
15	M.A. (English, Geography, Psychology, Pub-Admn, Sociology, Women's-Studies & Development	1220	135	1355 p.a.
16.	Deptt of Laws			
	(i) LL.B (3 year course)	2455	270	2725 p.a.
	(ii) LL.M (1 year course)	2475	275	2750 p.a.
17.	Deptt of Library & Information Science M.Lib & Inf. Science.	1835	205	2040 p.a.
18.	School of Communication Studies M.A. (Journalism & Mass Communication)	3665	405	4070 p.a.
19.	Deptt of Economics			
	(i) B.A. (H.S) (5 year integrated programme)	1220	135	1355 per sem.
	(ii) M.A. (H.S) -do-	1835	205	2040 per sem.
	(iii) M.A.	1220	135	1355 p.a.
20.	PURC Ludhiana			
	(i) B.A. LL.B	2455	270	2725 p.a.
	(ii) LL.B	2455	270	2725 p.a.
	(iii) MBA	6430	715	7145 p.a.
	(iv) LLM	2600	290	2890 p.a.

21	University Institute of Legal Studies Chd/ SSGPURC Hoshiarpur			
	i. B.A. LL.B/B.Com. LL.B	2455	270	2725 p.a.
	ii. L.L.M	2600	290	2890 p.a.
22	Dr. Harvansh Singh Judge Institute of Dental Science & Hospital,	BDS 1st year 17520	1945	19465 p.a.
		BDS 2nd year 5480	650	6490 p.a.
		BDS 3rd and 8760	975	9735 p.a.
		4th year		
23	University Institute of Emerging Areas in Science & Technology			
	i) M.Sc. Microbial Bio-Tech	Rs.131275	Rs. 14585	Rs. 145860 p.a.
	ii) Master in Public Health	1815	200	2015 p.a.
	iii) M.Sc. in System Biology & Bio Informatics	2410	270	2680 p.a.
	iv) M.Sc. in Nuclear Medicine (Bio-Phy)	1815	200	2015 p.a.
	v) *M.Sc. in Medical Physics	1815	200	2015 p.a.
	vi) M.Tech Nano Science & Nano Technology	3665	405	4070 p.a.
	vii) M.Sc in Stem Cell & Tissue Engg	Rs. 131275	Rs. 14585	Rs. 145860p.a.
24	University Institute of Fashion Technology & Vocational Development			
	B.Sc. in Fashion & Life Style Tech	3610	400	4010 p.a.
25	Psychology (Post M.A. Diploma one Year)			
	(i) Professional Counseling & Psychotherapy	} 1835	200	2035 p.a.
	(ii) Psychological Testing			
26	Physics			
	B.Sc. (H.S) in Physics & Electronics	2190	245	2435 p.a.
27	University Institute of Applied Management Science (MBA)			
	i) Retail Mgt	} Rs. 5,46,975	Rs. 60,775	Rs. 6,07,750 p.a.
	ii) Banking & Insurance			
	iii) Telecommunication & I.T.			
	iv) Infrastructural Management			
	v) Pharmaceutical Management			
	vi) Hospital Mgt			
28	University Institute of Emerging Area in Social Sciences			
	i) M.A. (Social Work)	} 1815	200	2015 p.a.
	ii) M.A. (Police-Administration)			
	iii) M.A. (Human Rights & Duties)			
29.	M.Phil Courses (Arts/Science)	1200	150	1350 p.a.

B) Tuition Fee for Foreign Nationals (Whether person of Indian origin) or not and applying for General Category Non- Reserve seats.

	Tuition Fee (p.a.)
	U.S.\$
1. First Degree Courses	340
2. Master Degree Course/M.Phil	685
3. Certificate Course	220
4. Post Graduate Diploma/Advance Diploma Course	685
5. Diploma Course in Translation	340
6. Diploma Course in Forensic Science & Criminology	Rs. 76,560/-

To be charged in two installment

C. Tuition Fee for Professional Courses for Foreign Nationality Students whether person of Indian Origin or not and applying for General Category Non-Reserved seats.

	Tuition Fee (p.a.)
	Rs.
	To be charged in two installments
1. LL.B (3 year course)	26,760
2. B.E. (Chemical & Food Tech) / M.Tech (Micro-Electronics) UIET	93,240
3. B.E. (UIET)	81,000
4. B.Pharmacy	93,240
5. M.Sc. (Bio-Tech)/M.Tech (Instrumentation)	93,240
6. M.Tech (Polymer) / M.Sc. (Industrial Chemistry)	1,53,720
7. MBA/(IB & HR, Gen.)	1,84,080
8. M.E. (Chemical)	1,53,720
9. MCA	1,53,720
10. M. Lib & Inf. Science	47,760
11. LL.M	47,760
12. M. Pharmacy	1,84,080
13. M.A (Journalism & Mass Communication)	63,000

Miscellaneous Items

In addition to the above, all students are required to pay the following fees/funds/charges:

1. Admission Fee	250 p.a.
2. Continuation Fee	25 per sem. (50) p.a.
3. University Migration Fee	
(a) For only those candidates who have passed the lower examination from another University or Board or Council	300 p.a.

4.a	Registration Fee	
	(a) From those coming from other University/ Boards /Council.	150 p.a.
	(b) From Foreign/NRI's against seats in General Category.	US \$ 485
	(c) From Foreign National/PIO/NRI students, irrespective of the Lower examination passed by them from a Foreign/ Indian Universities/Board	US \$ 715
4.b	Enrolment Fee	
	(a) Other than M. Phil	100 p.a.
	(b) M. Phil courses (From those who are not regd. With P.U., Chandigarh earlier)	250 p.a.
5.	Dilapidation Fee	250 p.a. 125/- per Semester
6	World University Service Fund	10 p.a.
7	Environment Fee (only for under graduate courses)	250 p.a.
8	Campus Cleaningness	150 p.a.
9	Service Tax Fee	12 p.a.
10	Group Insurance Scheme	45 p.a.
11	Foreign Students Welfare Fund (Foreign students only)	620 p.a.
12	Admission form	65
13	Charges for providing I.T. facilities	40 p.m.
14	Readmission Fee (each time) With permission of Chairperson With permission of D.U.I	150
15	Late Fee With permission of Chairperson With permission of Vice-Chancellor	560 2040
Fees/funds/charges to be charged from the students be kept in separate accounts		
1.	Library Security (Refundable)	250 p.a.
2.	University Sports Fee & University Sports Dev. Fee (80+80)	160 p.a.
3.	Youth Welfare Fund	80 p.a.
4.	Students Holiday Home Fund	60 p.a.
5.	Student Aid Fund	50 p.a.
6.	Medical Fee	50 p.a.
7.	Campus sports Fee	290 p.a.

8. *Development Fund	
(a) Students studying for Professional Courses	2090 p.a.
(b) Students studying for Science Courses	1290 p.a.
(c) Students studying for other Courses	880 p.a.
(* Library Development Fund Rs 120 p.a. and water and Electricity fund Rs 360 p.a. be merged in Development fund 2016-2017)	
9 Student Scholarship Fund	80 p.a.
10. Placement Fee	150 p.a.
11. P.U. Alumni House & Scholarship Fund	20 p.a.
12 NSS	25 p.a.

Amalgamated Fund

1. Amalgamated Fund	1460/- For Semester System 1520/- For Annual System
Other charges applicable of the students admitted for P.G. Diploma in Buddhist Studies	
i) Dilapidation Fee	250 p.a.
ii) Amalgamated Fund	1030 p.a.
iii) World University Service Fund	10 p.a.
iv) P.U. Alumni House & Scholarship Fund.	20 p.a.
v) Campus Cleaning Fund	150 p.a.
vi) Property Tax	12 p.a.
vii) Group Insurance Fee	45 p.a.
viii) Medical Fee	50 p.a.

DEPARTMENTAL CHARGES OF LAWS DEPTT

(a) Library Security (Refundable)	190 p.a.
(b) Library & Reading Room Fee	40 p.m.
(c) Identity Card Fee	20 p.a.
(d) P.U. Law Review Fee	120 p.a.
(e) Moot Fee	120 p.a.
(f) Dinner & Special Function fee	90 per Semester
(g) Legal Aid Fee	110 p.a.

Departmental charges of Evening Studies (Parking Fee)

Cycle	Free
Scooter	40 p.m.
Car	70 p.m.

To be charged by the specific departments

1. Club Fee (Members only)		
Tennis		1210 p.a.
Film		240 p.a.
2. Computer Fee (If computer is an elective subject and not a compulsory subject in a course)	80 per paper if offered in course	
3. Summer Training		740 p.a.
4. Parking Fee	Cycle	Free
	Scooter	40 p.m.
	Car	70 p.m.

NOTE:- FOR FOREIGN NATIONAL/PIO/NRI CANDIDATES

1. Tuition fee shall be payable annually in the form of bank draft in US dollars/Pounds, sterling/ Deutschmark or equivalent amount in Indian currency payable to the Registrar, Panjab University at Panjab University at Chandigarh along with a bank certificate for encashment of Foreign currency of the like amount.
2. In addition to tuition fees, the students shall pay Registration fee US \$ 715 or US \$ 485 as the case +all other dues and charges to the Panjab University as payable by other students of the same class belonging to same category in foreign currency or in Indian Rupees as per university Rules and Regulations.

IMPORTANT NOTE:-

1. That Rs. 1 p.m. all the students Registered with P.U as a Service Tax and property Tax levied by the Chandigarh Administration.
2. All the students at the time of initial enrolment to Panjab University courses on the campus or in the affiliated Institution shall pay Rs. 20/- towards P.U. Alumni House and Scholarship Fund. The money collected by the Affiliated Institution shall be remitted to the said Fund. 20% of the amount so collected by distributed proportionately for award of Scholarship to the University and College students.
3. The other charges of Short-term courses the fix charge will be recovered in full other charges on the monthly basis shall be charged as per the duration of the course per month.
4. An extra fees of Rs. 4,940/- p.a. be charged from each student obtaining optional paper (671) Numerical Analysis and computation in M.Sc. Math and pass course at the 2nd year level.
5. The fee in 3rd year of M.Sc in Medical Physics during internship period shall be 50% of the 2nd year.
6. Student Welfare Activity Fund Rs 2000/- p.a. for B.Sc (Hospitality & Hotel Administration and Tourism Mgt) 2nd,4th and 6th semester.
7. Forms complete in all respect for grant of any type of fee Concession (i.e. Student Aid Fund, Poverty Basis, Brother-Sister, Ward of P.U. Employee/Freeship, etc must be received in the University office Accounts Branch-II (Students Section) by 15th September 2016 along with requisite documents. No further intimation/Circular will be issued in this regard. Fee concession forms/refund of fee forms will be available on the P.U. website (www.puchd.ac.in)
8. Three months executive certificate course in Disaster Mgt in Security (kept on hold from the admission 2015) as per syndicate Para 19 dated 08.03.2015.
9. The Electricity & Water Charges Fund and Library Development Fund be merged in Development Fund Account.

GENERAL REFUND OF FEE RULES

I. Departments where waiting list is being prepared

In this case, the fee refund cases be considered as per the provisions conveyed by the UGC vide Notification No. F.No. 1-3/2007 (CPP-II) dated 23.4.2007 relevant part of which is as under :-

“In the event of a student/candidate withdrawing before the starting of the course, the waitlisted candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000 (one thousand only) shall be refunded and returned by the Institution/University to the student/candidate withdrawing from the programme. Should a student leave after joining the course and if the seat consequently falling vacant has been filled by another candidate by the last date of admission, the institution must return the fee collected with proportionate deductions of monthly fee and proportionate hostel rent, where applicable.”

Departments where no waiting list is being prepared and the admissions are being done on the basis of merit in the various counselling sessions.

The fee refund cases under this category shall be dealt with as under :-

(i) Students leaves before the last counselling

Full fee deposited by the student shall be refunded after deducting Rs. 1000/- as processing charges and proportionate deduction depending upon the period he remained on University roll.

(ii) Students leaves after last counselling

(a) Full fee deposited by the students shall be refunded after deducting Rs. 1000/- as processing fee and proportionate deduction **in case full seats were not filled up in the last counselling.**

(b) 50% of the fee deposited by the student shall be refunded after deducting Rs. 1000/- as processing fee and proportionate deduction, **in case full seats were filled up in the last counselling.**

(c) In case, the department has **provision for admission after the last counselling date (e.g. lateral entry or migration)** then the balance 50% of fee deposited by the student shall also be refunded in case the seat vacated by the student in the last counselling is filled up thereafter after producing a certificate from the Chairperson/Director of the concern Department in this regard.

(Vide Syndicate Para 12, dt. 4-12-2009)

Note :-

1. The proportionate deduction may be calculated on the basis of number of days from the date of admission of the student i.e. on the day he/she deposits fee and becomes on the roll of the College/ Department/Institute till his leaving the course. This deduction will be in addition to the processing fee of Rs. 1000/-.
2. For this purpose, he/she must apply for refund on the prescribed refund application form through the Head of the Department to the Assistant Registrar Accounts-II.

That the time period for applying refund of fee by the students be fixed up to 30th November and refund application must reach the ARA-II office by **15th December from Department/Institution.**

Refund forms will be available on the P.U. Website (www.puchd.ac.in)

3. But in all other Cases of the students Continuing their studies, the Library Security will be refunded if he/she will apply within six months from the date of leaving the Department/Institute/Centre/Regional Centre after completing the full course of studies.

II. Refund of Fee Rules of Foreign/PIO/NRI Category

1. In case, the candidate is admitted in the Foreign/PIO/NRI category and leaves the course & the seat vacated by a candidate is filled by granting admission to another applicant against the vacated seat, the tuition fee may be refunded to the person after deduction of 10% of the tuition fee as administrative charges. In case a seat vacated by such a candidate is not filled, the tuition fee may be refunded after deduction of 25% of the tuition fee as administrative charges. This will be applicable only in the case where the candidate has left the University Department/Institute/Centre/Regional Centre & did not join any other course in the Panjab University. All other funds and charges including Development Fund, in no case, shall be refunded. For this purpose, he/she must apply for refund on the prescribed refund application form through the Head of the Department to the Asstt. Registrar Accounts-II. That the time period for applying refund of fee by the students be fixed up to **30th November** and refund application must reach the office of ARA-II by **15th December** from Department/Institution. However, all other funds & charges including development fund, shall not be refunded under any circumstances, except refundable Library Security.
2. *If a student originally gets admission in a University Department/Institute/Centre/Regional Centre under Foreign/PIO/NRI category or in General/Reserve Category and leaves the same for joining another course in the same Department or another Department/Institute/Centre/Regional Centre in the Panjab University during subsequent counsellings of Foreign/PIO/NRI category or in General/Reserved Category, his/her tuition fee, registration fee and other charges including Development Fund shall be adjusted on admission in the later course/Department/Institute/Centre/Regional Centre in the same session only. If there is any excess amount still left after the fee adjustment i.e. balance sum if any, shall be refunded after a deduction of Rs. 500/- (Rs. five hundred only) as Administrative charges.*

Provided :-

- (i) *If a student is shifted from NRI/PIO/Foreign to General/Reserved category then the Registration Fee and Development Fund already charged from such students shall be refunded fully in case the seat vacated by such NRI/PIO/Foreign student is filled by the another same category.*
- (ii) *In case the seat vacated by NRI/PIO/Foreign student in consequence of his/her shifting to General/Reserved Category is not filled by any other candidate of same category then the Registration Fee & Development Fund already charged from such student shall be adjusted in the same Department/Institute/Centre only to the extent of the Registration Fee & Development Fund as applicable to the General/Reserved student in the same session only the balance of Registration Fee & Development Fund shall neither be adjusted/carried forward nor be refunded any circumstances.*
- (iii) *In case due to unavoidable circumstances, on shifting to another course in the same Department or another Department/Institute/Centre/Regional Centre of the Panjab University a student has again deposited the tuition fee, development fund and other charges in the later Department/Institute/Centre/Regional Centre of the Panjab University, his/her tuition fee and other charges deposited in the earlier Department/Institute/Centre/Regional Centre shall be refunded as per (i) and (ii) above.*

(iv) The 'Excess Fee' deposited by the ongoing student/s shall be refunded after a deduction of Rs. 500/- (Five hundred) as administrative charges as in case of freshly admitted students under Rule no. 2.

(Vide Syndicate Para 26, dt. 4-1-2014, 16-1-2014)

(v) For adjustment/refund, he/she must apply on the prescribed refund application form for adjustment/refund of the tuition fee and other charges as the case may be within 15 days from the date of shifting to another Department/Institute/Centre/Regional Centre through the Head of the later Department to the Assistant Registrar Accounts-II.

(vi) However no carry forward/adjustment of fee shall be allowed in the subsequent session/class/year if the duration of the course is more than one year. No refund of fee shall be allowed after the expiry of the said 15 days' period.

(vii) The fifteen days shall be counted from the date of his/her latest shifting i.e. whichever is later.

III. The shifting of a Foreign/PIO/NRI candidate to General/Reserved category seat is allowed strictly on merit only during the current session/year up to the date of the last counselling. Even if some seat falls vacant after the date of last counselling during the same session/year, it shall not be allowed to fill up. It shall also not be allowed in the next/subsequent session/year under any circumstances even if there may be vacant seats in the department/institute/regional centre under General/Reserved quota seats in the said class/course.

IV. A student who pays tuition fee in advance for the entire course or a term, but is not selected for admission to a class, shall be entitled to a refund of whole fee provided he/she claims the refund within a period of three months from the date fixed for admission.

V. A student who has paid fees in advance for a term and who does not join or withdraws his name after having been admitted to a class, shall not be entitled to the refund of tuition fees for the month/s for which his name remains on the rolls of the class.

VI. If a student is admitted provisionally pending declaration of the lower examination result, the fees for the period his name remains on the rolls of the department/college shall not be refundable. In case he fails in the lower examination, such fees may be adjusted if he decides to continue his studies in the lower class.

(IV, V, VI Cal. Vol. 2009 at Page No. 581)

VII. No fee be refunded to the ongoing student/s who left the course in the mid of the course i.e. 2nd semester and thereafter including those who were admitted with late fee/charges in any course in the Teaching Department/Institute and its Regional Centre & later wished to withdraw or left his/her seat in the 'mid of the course'.

(Vide Syndicate Para 26, dt. 4-1-2014, 16-1-2014)

VIII. **Adjustment of Tuition Fee & other charges in the next semester/session of UIET and University Institute of Legal Studies/Institutes and all other classes.**

(Vide Syndicate Para 51 dt. 29-6-2010)

(1) tuition fee be charged semester-wise but other charges be taken annually e.g., Development Fund, Sports Fund, etc. which are not refundable/adjustable;

(2) if a student was not permitted to attend the class of a semester due to one or the other reason, he/she be not asked to pay the fee for the said semester, if already paid, only rejoining fee/charges be charged from him/her;

- (3) if a student attended any class/es of the semester where he/she has been declared 'detained' at the time of the start of the semester, he/she would be charged again whenever he/she becomes eligible and attends the class again;

Tuition fee will be charged for twelve months in a year (i.e. from July to June)

The tuition fee etc. for the full academic year will be collected by the University Office, through its SBI Extension Counter in two instalments as under on specified dates.

The name of the admitted students will be brought on the rolls of the class on production of receipt of full dues paid otherwise their admission shall be held null and void.

Each student is required to pay tuition and other fees in two instalments i.e. one at time of the admission and the 2nd during 10th November to 30th November. Students who are absent, or on leave, on the prescribed dates will arrange to deposit their dues for the 2nd instalment through someone. The names of such students who will not deposit 2nd instalment of tuition and other fees shall be struck off the rolls of the Deptt. w.e.f. 1st December and shall not be allowed to attend the classes. Their admission forms for the University examinations shall not be forwarded to the University also.

Students whose names have been struck-off for non-payment of dues for the 2nd instalment can seek re-admission through the Chairperson of the Deptt. concerned within one month from the date of their names are struck off and they shall be required to pay their dues alongwith prescribed fee with the University. They will be allowed to attend the classes only on production of original receipts to the Deptt.

After the lapse of this period, re-admission would be granted by the D.U.I. only in very hard and genuine cases, within the same academic year and their admission forms for the University examinations shall be forwarded subject to the condition of completion of lectures. In such cases the students shall deposit their fees alongwith prescribed re-admission fee with the University and obtain clearance slip from the Student Section of the Accounts Branch (Administrative Block) before they are allowed to attend the classes by the Department and their examination forms are forwarded to the University.

- Notes :-**
1. Students partly defaulter for tuition and other fees shall be required to clear their dues by 30th January and obtain clearance certificate from the Student Section of the Accounts Branch in the Administrative Block failing which their Roll Nos. for the University examination shall not be delivered by the Departments.
 2. All kinds of fee concessions are granted by the D.U.I. and as such no adjustment/exemption of fees can be exercised by the students themselves, though eligible for fee concession he/she may be unless he applies for the concessions and the same is granted by the D.U.I. If a student who has not applied for a fee concession and does not pay fee for a term, he/she will not be considered on rolls of the Department.

Important Instructions :

Students while depositing their fees, should quote Deptt., Class and Roll Number. Before leaving the Cash Counter, they should check the particulars given on the receipt. The Office shall not be responsible for wrong adjustment of fees if correct and complete particulars are not given in the receipt.

Students who migrate from any other college to a University Teaching Department shall pay their tuition and other fees, along with the charges and security from the succeeding month in which their migration is sanctioned by the University (in the case of Inter-University Migration, from the month of joining the Department), immediately on migration, after consulting the concerned Assistant Registrar in the University Office. Otherwise they shall not be allowed to attend the classes and their admission shall be held null and void.

Fee Concession & Financial Assistance

1. (a) Scholarship : A large number of scholarships of varying amounts are offered under certain schemes sponsored by the Government of Punjab, Haryana, Union Territory of Chandigarh and Himachal Pradesh, details of which may be had from the offices of the Directors of Education of Punjab, Haryana, Union Territory of Chandigarh and Himachal Pradesh respectively.
- (b) (i) The Dean of University Instruction may grant exemption from payment of University tuition fee up to 10 per cent of the total number of students in a class. If the number of students in a class is less than ten, the D.U.I. may grant full or half fee concession to one student.
- (ii) The fee concessions over and above the full and half fee concessions allowed under Rule 1 shall be as follows :
 - (a) the eldest to pay full fees and the younger to pay half the tuition fees.
- (c) Scheduled Caste students belonging to Punjab, Haryana and Himachal Pradesh will be paid their Scholarships, along with tuition fee and University Examination fee, etc. by their respective Governments provided the students apply for the same through their respective Chairperson of the Department.
 - (a) The SC/ST students be advised to submit Income Certificate (duly attested by Magistrate) at the time of admission, so that benefit of financial assistance given is expedited.
- (d) Some financial aid is also available for deserving students from “Panjab University Students’ Aid Society” which is a voluntary organisation.
- (e) (i) Blind students who join a regular degree/Post-graduate degree/self-financial courses at the P.U. would be allowed exemption from payment of tuition fee only for progressive courses and not for parallel courses and rules as applicable to other, students would be applicable to the blind students.
- (ii) The free education, including examination fee, be provided to the completely blind student belonging to below poverty line, as described by the relevant Government notification/s, in any course/self-financing courses, only for progressive courses and not for parallel courses in the University and its affiliated Colleges, subject to the student being otherwise eligible. The candidate has to submit an affidavit to this effect by 1st class Magistrate. Hostel Fund subsidy may also be provided apart of this. Provision for the free hostel accommodation may also be considered by the Dean Student Welfare, if required by the student, but he will have to pay the mess and canteen charges regularly i.e. every month, which are already subsidized, failing which the penalty would be imposed, as applicable. A limited number of course books (one per paper) may also be provided, which would be returnable after the completion of the course.

(Vide Syndicate Para-19 dated 18-5-2014).
- (f) Free education to children of persons killed in November, 1984 riots and terrorist violence in Punjab State. [Approved vide Syndicate para 5 (Statement A) dated 25-4-1987].
- (g) Exemption in fee for wards of martyrs/permanent disabled (up to 80% leading to incapacitation) of Kargil War who have a valid certificate from the Ministry of Defence to this effect and the same is entered in the Pension Book of the family. (up to academic year 2020-21).

(Vide Circular No. Misc./A-6/3501-3725 dt. 18-4-2007)

Note : That there shall be no brother-sister tuition fee concession or ANY OTHER fee concession including NRI fee, in respect of the following partially self-supporting courses at the University and its Regional Centres :

1. B.A.LL.B. (Hons.) Five-Year Integrated course University Institute of Legal Studies, Chandigarh
2. B.A.LL.B. (Hons.) Five-Year/ Three Year Integrated course Panjab University Regional Centre, Ludhiana
3. B.E. Courses Panjab University Swami Sarvanand Giri Regional Centre, Hoshiarpur
4. B.E./M.E. Courses University Institute of Engineering & Technology, P.U., Chandigarh
5. B.D.S. Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, P.U., Chandigarh
6. B.Ed., M.Ed., P.G.D.C.A., M.F.C. and P.G. Diploma in Mass Communication USOL
7. M.Sc. in System Biology and Informatics, Master in Public Health, M.Sc. Nuclear Medicine Centre for Emergency Areas in Science & Technology.
8. Any other partially Self-supporting course which may be introduced in future.

(Vide Syndicate Para 42, dated 27-5-2006).

2*. From the admissions of 1987-88, employees as well as sons/daughters of University employees studying in the University Teaching Departments/Colleges/enrolled in the University Department of Correspondence Studies be granted tuition-fee concession as under :-

- | | | | |
|------|--------------------------------|----|-----------------------------|
| (i) | Employee or one Child | .. | Full tuition fee concession |
| (ii) | 2nd and other children, if any | .. | Half tuition fee concession |

Note- In case the employee himself is in receipt of full fee concession, then all of his children will be entitled to half fee concession only.

Provided that in the case of such an employee who fails in the examination for which he is permitted or whose conduct is reported unsatisfactory or who does not take proper interest in the office work, the concession to him will be discontinued.

3. The sons/daughters of in-service and confirmed employees of the Panjab University be given 50% fee concession in the category of NRI candidates, in all such courses where this concession has already been granted by the Board of Finance/Syndicate/Senate for the sons/daughters of Panjab University employees, with effect from the session 2003-2004. Employment certificate for the purpose be issued by the Head of the Department/Branch concerned for each year of the course.

In case, during the course of study, the employee retires or leaves the service, the concession would be withdrawn for the subsequent years of the course. However, in the case of employees who die in harness before the age of superannuation, the concession would be available upto the age of superannuation.

**Sr. No. 2 & 3 Cal. Vol. III, 2009 at page No. 576, 577.*

4. Minor sisters and minor brothers of a member of the University staff living with him will be eligible for fee concession like sons and daughters of a member of the staff, provided the sister or brother is wholly dependent upon the University employee.

5. The wife of a University employee who is not working but is studying in a University College/Department or has enrolled herself with the Department of Correspondence Studies will be granted fee concession as available to sons/daughters and dependent sisters or brothers of an employee.

6. From the examinations of 1988; the refund of examination fee on passing a University examination be granted to all class-B and C employees only, irrespective of the limit of pay.

7. The dependent sons/daughters of retired University employees shall also be entitled to the fee concession on the same basis as admissible to the dependent sons/daughters of in-service University employees.

8. (i) The fee is granted by Syndicate at its meeting held on 13-12-2010 Vide Para-17 as under :-

“that 25% tuition fee concession be granted to serving University employees and their wards and also to the wards of retired University Employees studying in self financing courses.

(ii) This decision was extended by Senate Vide Para XXIV Dated 4-4-2010 item No. 19(ii) and Syndicate Para 27 dated 15 & 25-4-2013, respectively as under :-

(a) “that the concession of 25% tuition fee in self-financing courses be extended to the wards of College teachers of affiliated colleges studying in the University other than NRI category, it be paid out of the College Development Council Fund”.

(Vide Senate Para XXIV dt. 4-4-2010)

(b) The above concession has also been extended to the wards of retired teachers of affiliated colleges.

(Vide Syndicate Para 27 dt. 15& 25-4-2013)

Note :- Forms complete in all respects for grant of tuition fee concession on the basis of poverty, brother/sister/daughters/dependents of University Employees Student Aid Fund should reach the University Office by 15th Sept. for all categories of students. The applications for fee concession received after the due date shall not be entertained. The concessions are available only for one year. All such students shall pay full fee till concession are granted by D.U.I. Non-payments of tuition fees at own shall be treated as ‘Struck off’.

9. Guidelines for freeship and tuition fee concession :

- (i) The University may provide five per cent of seats freeship for meritorious students belonging to economically weaker sections of the society in all partially Self-Supporting courses/departments running in Panjab University/Institutes/Regional Centres of the Panjab University.
- (ii) Freeship would mean (tuition fee+Lab. charges) concession only, not to be claimed by students as a matter of right.
- (iii) At the first instance, the concerned Board of Control/Coordinator shall fill all the sanctioned seats by following the normal admission procedure.
- (iv) The concerned Board of Control/Co-ordinators shall list out the candidates who are eligible for freeship concession.

- (v) For the purpose of the above concession, candidates must have passed the qualifying examination in the first class (60 per cent marks-proof to be added) and the total family income from all sources not exceed Rs. 2.5 lac per year. For proof of family income from all sources should not exceed Rs. 2.5 lac per year, the income certificate shall be accepted when issued by the competent authority which shall mean the Tehsildar, SDM or the employer as the case may be. In addition an affidavit duly attested by a Magistrate, giving full details of total family income should be submitted. Candidates holding yellow cards/yellow ration cards would be given preference over other candidates provided other merit conditions remained the same.
- (vi) For continuation of the freeship granted to students during the first year of admission to a course, the following rider be imposed :

“The freeship will be continued in the subsequent years only if the student passes the previous examination with a minimum of 60 percent marks in the aggregate for science students and 55 percent marks for students in departments other than science. The student should have passed the examination in first attempt i.e. should not have a reappear or compartment.” Photocopy of lower examination passed detail marks certificate may enclosed with the refund form.
- (vii) Those students whom intend to seek the concession must enclose all the relevant documents along with the admission/counseling form so that cases be decided right at the time of admission. They are further required to submit an affidavit along with the admission form that if any document is found to be false or any information found to be concealed their admission will be cancelled.
- (viii) Seats equal to the number of candidates who have been given shall be filled up over and above the sanctioned seats of the concerned course in the same/subsequent counseling following the original merit list of general category.
- (ix) On shifting from one Course to another, a student, if provided tuition fee concession in the previous Course, will be entitled to claim the said concession in the latter course only if the said concession is available in the latter course.

10. Guidelines for grant of fee concession to the students, whose both parents are not surviving and there is no source of income and those whose father has expired and mother is not able to bear his/her expenditure towards studies.

(Vide Syndicate Para 27 dated 29-2-2012).

Following documents/Information shall be submitted by the student and verified by the Department

:

1. Concession be applicable for tuition fee only.
2. Proof of Death be submitted by the candidate.
3. There should be no academic arrears in the year of getting the benefit.
4. 10% of tuition fee plus admissible funds be taken from such students at the time of admission in the 1st year. After confirming the claim of the students, the concerned Chairperson/Director will recommend the refund of 10% tuition fee paid by the student.

5. For subsequent years, no tuition fee be charged from the eligible students those who fulfill the conditions. However fee towards funds shall be paid by the student.
6. Student should not involve in ragging or any other misconduct/violation of University Rules.
7. Student must attain the minimum percentage of attendance as prescribed by the University in the current year i.e. not less than 75%.
8. Family income of student does not exceed Rs. 1,50,000/- p.a.
9. Student must submit evidence in the form of affidavit duly attested by the 1st class Magistrate certifying that :-
 - (i) The income of the surviving mother or guardian is not more than 1,50,000/- per annum including the income accruing from agricultural land or any urban property/shop/business.
 - (ii) Not getting any fellowship/scholarship from any source. If getting any fellowship/scholarship, the student will have to refund the amount of fellowship/scholarship to the University to get the benefit of 100% exemption in tuition fee under this category.

11. STUDENTS AID FUND :-

For deserving and needy students, financial assistance is available from Student Aid Fund, maintained by the University.

1. Income certificate from a competent authority which shall mean the Executive Magistrate, Tehsildar or the employer as the case may be is must for availing Student Aid Fund.
2. Those students would be eligible for student aid fund **second time**, if her/she secure at least 50% marks in the previous examination.

The following recommendations of the Sub-Committee of **Students Aid Fund** dated 14-08-2012 constituted by the Dean University Instructions to review the income slab as per the present society status to do some amendment/modification in the rules printed in P.U. Calendar, Volume III, 2009 at pages 298-299 that :-

Slab of Annual Family Income from all sources of

All Teaching Departments	(i) Up to 1,00,000/- (ii) 1,00,001 to 2,50,000/-	Amount to be disbursed to a student– as approved by the Vice-Chancellor on the recommendation of the Committee depending upon the number of applicants and available funds for each academic year
--------------------------	---	---

The amount of help given to a student under this scheme in an academic year shall be decided by the Syndicate from time to time.

(Vide Syndicate Para 10 (Revised) dt. 16-03-2013)

Note : That the time period for applying refund of fee by the students be fixed up to 30th November and refund application alongwith requisite document must reach the ARA-II office by the **15th December from the Department/Institution.**

Guideline for Grant of “Means-Cum-Merit based Tuition fee Support”

1. A separate budget provision for **Rs. 75 lakh** under the head “Means-cum-Merit based Tuition Fee Support” created for providing tuition fee support as below :-

Family Annual Income	Scholarship to be provided
Less than Rs. 1 lakh	100% of the tuition fee
Between Rs. 1 lakh–Rs. 1.5 lakh	75% of the tuition fee
Between Rs. 1.5 lakh–Rs. 2.5 lakh	50% of the tuition fee
Between Rs. 2.5 lakh–Rs. 3.5 lakh	10% of the tuition fee
Between Rs. 3.5 lakh–Rs. 4.5 lakh	5% of the tuition fee

2. **The terms and conditions of this scheme is recommended as below :-**

- (i) Student must submit Full detail of total family income from all sources including the income accruing from agricultural land or any urban property/shop/business/maintenance under certificate duly verified by Chairperson/Director of the respective deptt.
- (ii) A student who claims Tuition Fee support under this scheme shall not be considered for providing financial assistance under any other scheme of the University.
- (iii) The total tuition fee support under this scheme to the students of a particular department shall not exceed 10% of the total budget provision under this head.
- (iv) In case the amount of tuition fee support in reference to total number of applications received in a department exceeds the total limit of Tuition Fee Support as per the above clause, then the total number of applicants shall be reduced proportionately in each slab on the basis of the merit. In such exercise, while rounding the total Tuition Fee Support in each slab, the overall ceiling of the concerned department can exceed the limit of 10% up to maximum of Rs. 20,000/-.
- (v) The scholarship shall be given to the students pursuing regular degree courses only. The diploma or certificate courses shall not be considered.
- (vi) A student must deposit the admission fee and admissible funds at the time of admission.
- (vii) **The Tuition Fee Support shall be continued in the subsequent years only if :-**
 - a. The student passes the previous examination with a minimum of 60 percent marks in the aggregate or CGPA 6.3 for Science/Engineering students, whichever is applicable and 55 percent marks for student in departments other than science.
 - b. The student must have passed the Examination in first attempt i.e. should not have a reappear or compartment. “Photocopy of lower examination passed detailed marks certificate may enclosed along with application form.
- (viii) Any case not covered under the above scheme can be recommended by D.S.W. and D.U.I. to Vice-Chancellor for providing Tuition Fee Support under the above scheme by recording special reasons and circumstances of the case to justify such support.
- (ix) The application forms under the said scheme be duly recommended by Chairperson/Director of their respective Department must reach in the office of Assistant Registrar Account-II by 15th September.

(Vide Syndicate Para 23 dated 13/26.09.2014)

PANJAB UNIVERSITY, CHANDIGARH

APPLICATION FOR REFUND OF (i) LIBRARY SECURITY (ii) TUITION FEE/EXCESS FEE

(i) **The time limit for claiming Security is six months.**

(ii) **[The time limit for the claim for Tuition Fee 30th November (as the case may be)]**

To

The Registrar,
Panjab University,
Chandigarh.

Dear Sir,

Kindly refund the sum of Rs..... (Rupees.....only) paid by me to your office, as per particulars given below :

1. Name of the student (in block letters).....
2. Father's name.....
3. Name of the Department.....
4. Class..... Roll No.....
5. Nature of refund claimed.....
6. Reasons for claiming refund.....
7. Date of joining the Department..... (year in which you sought the Admission for the 1st time)
8. Date of leaving the Department.....
9. I willingly donate the sum of Rs..... (.....) deposited by me as Library Security/Fee, to a fund, for building an Auditorium in the University.

.....
Name & Signature of the donor.

Counter Signature
Chairman/Head of the Deptt.

Yours faithfully,

Dated.....

(Signature of the student)

Address at which the
Cheque is to be sent Mobile No.....

TO BE FILLED IN BY THE HEAD OF THE DEPARTMENT

Endorsement No..... Dated

Forwarded to the Registrar, Panjab University, Chandigarh, with the remarks :

- (1) That the above particulars have been verified and found correct.
- (2) That the student has returned all the books and apparatus to the Department and nothing is due from him/her.
- (3) That he/she did not overstay in the department in connection with the completion of his/her research work (this is applicable in the case of M.Sc./M.Pharm. students only).
- (4) That the student owes nothing to the Panjab University as he was not a member of the Library. The clearance certificate from the Librarian is given below.

It is further certified that student has worked as a Student Demonstrator, with effect from....., to 31st March.

- (5) That the claim has been made within the time limit.
- (6) Total fee deposited by the candidate Rs.....Receipt No.Dated.....
- (7) Date of admission of the candidate on.....
- (8) Date of left the Deptt. of the candidate on.....
- (9) Reason of left the Deptt.....
- (10) Date from the class started.....

Head of the Department

Certified that Mr./Miss/Mrs.....Roll No.....
Class.....Deptt.....Session.....has returned all the books and nothing is due from him/her.

Librarian

TO BE FILLED IN BY THE N.C.C. OFFICE

Certified that Mr.....Cadet No.....
ofDepartment.....Class, owes nothing to the N.C.C.
Office.

O.C.
Panjab University N.C.C. Office.

TO BE FILLED IN BY THE ACCOUNTS BRANCH

University Receipt No. and Date.....

D & C No.....Year.....

A sum of Rs.....may kindly be refunded and cheque be prepared in the
name of.....

O.S.A

Assistant

Accounts Clerk

OFFICE PAY ORDER

AUDIT PAY ORDER

Pay Rs.....

Rupees.....

Budget Provision : exists

.....

Budget Head Refund
 Refund of Students
 Security

OSA

Examined by :

Prepared by :

Cheque No.

Date

A.R.A.

Pay order verified

Asstt.

Clerk

**REVISED AMOUNT OF DONATION FOR INSTITUTION AN ENDOWMENT OUT OF
SPECIAL ENDOWMENT TRUST (SET) FUND**

That the existing amount of donations for instituting an endowments and Scholarships be revised, as under, to cope up the amount os Scholarship/lectures/cash prizes on account of Special Endowment Trust (SET) Fund :

Existing amount of donation	Revised amount of donation
<p>(i) Medal</p> <p>Rs. 25,000/- (Twenty five thousand) OR U.S.\$ 10,000/- (Ten thousand) OR Pound Sterling 5000/- (Five thousand)</p>	<p>(i) Medal</p> <p>- Rs. 1,00,000/- (One lac) OR U.S.\$ 3,000/- (Three thousand) OR Pound 2000/- (Two thousand)</p>
<p>(ii) Scholarship(s)</p> <p>Rs. 1,00,000/- (One lac) OR U.S.\$ 15,000/- (Fifteen thousand) OR Pound Sterling 7500/- (Seven thousand five hundred)</p>	<p>(ii) Scholarship(s)</p> <p>- Rs. 4,00,000/- (Four lacs) OR U.S.\$ 10,000/- (Ten thousand) Pound 6500/- (Six thousand five hundred)</p>
<p>(iii) Lecture</p> <p>Rs. 80,000/- (Eighty thousand)</p>	<p>(iii) Lecture</p> <p>Rs. 4,00,000/- (Four lacs) OR U.S.\$ 10,000/- (Ten thousand) OR Pound 6500/- (Six thousand five hundred)</p>
	<p>(iv) Cash Prizes</p> <p>Rs. 1,00,000/- (One lac) OR U.S.\$ 3000/- (Three thousand) OR Pound 2000/- (Two thousand)</p>

(Syndicate Para 18, dt. 31-8-2010)

***Scholarships/Stipends admissible to the Campus Students
out of Special Endowment Trust Funds***

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
1. S. Shiv Charan Singh Scholarship	Rs.150 p.m. (for 10 months)	1	On Need-cum-Merit basis for a poor Student of Physics (Hons. School)
2. Sh. Milkhi Ram Sharma Memorial Scholarship	Rs. 250 p.m. (for 10 months)	1	To a student of M.A./M.Sc. resident of Una Distt. Himachal Pradesh on merit basis.
3. Bishan Chand Mahajan Scholarship	Rs.150 p.m. (for 10 months)	1	To a student on Poverty-cum-Merit basis on the recommendation of the Chairperson of the Deptt. of Laws.
4. Dr. S.R. Ranganathan Scholarship	Rs.100 p.m. (for 10 months)	1	To a deserving student of the Bachelor of Library & Inf. Science.
5. Wing Commander S.L. Malhotra Scholarship	Rs. 200 p.m. (for 10 months)	1	To a deserving student who joins the M.Sc. (Hons. School) in Physics on Merit-cum-Means basis.
6. I.I. C.H.E. Scholarships	Ist year Rs.1000 p.a. IInd Year Rs.1100 p.a. IIIrd year Rs.1200 p.a. IVth year Rs.1300 p.a.	4	To be awarded to one student of each under-graduate class of the Chem. Engg. & Tech. Deptt.
7. Dr. & Mrs. V.S. Puri Scholarship	Rs. 200 p.m. (for 10 months)	1	To a student studying in any Teaching Deptt. on Merit-cum-Means basis.
8. Dr. Ramji Narain Omvati Scholarship	Rs. 300 p.m. (for 10 months)	1	To be awarded to a final year student of Master in Bio-Chemistry on Merit-cum-Need basis.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
9. Mai Partap Kaur Scholarship	Rs. 200 p.m. (for 10 months)	1	On Merit-cum-Means basis to a student of Chem. Engg. & Tech. Deptt. hailing from rural areas of Punjab State (Preferably).
10. Tara Chand Gupta Memorial Scholarship	Rs. 400 p.m. (for 10 months)	1	Merit-cum-Means basis in the Deptt. of Mass Communication.
11. Prof. B.R. Puri Scholarship	Rs. 300 p.m. (for 10 months)	1	To be awarded to a student standing first in the B.Sc. (Hons. School) in Chemistry for pursuing studies in M.Sc. (Hons. School) (Physical Chemistry).
12. Dewan Som Nath Stipends	Rs. 400 p.m. (for 10 months) (each)	25	On Merit-cum-Means basis.
13. P.U. Soldier's Relief Fund Stipends	Rs. 400 p.m. (for 10 months) (each)	2	To the sons and daughters of members of Defence Services studying in the Panjab University affiliated colleges. Preference will be given to the children of those who are disabled or have been killed in Military operations.
14. Sh. Charu Dev Shastri Endowment Fund	Rs. 300 p.m. (for 10 months) (each)	2	For standing 1st and 2nd in the subject of Sanskrit Stipends in the B.A. and wishing to do M.A. in Sanskrit.
15. Guraditta Mal Shiv Ram Fellowship in Bryology	Rs. 500 p.m. (for 36 months)	1	In the discipline of Bryology for 36-42 months for Ph.D. Degree in the Deptt. of Botany.
16. Lachmi Durga Scholarship	Rs. 300 p.m. (for 10 months)	1	To a girl student of M.Phil. class in Bryology, Deptt. of Botany.
17. Smt. Balwant Kaur & Sh. Dhanpat Roy Behl Scholarship	Rs. 1500 p.a. (fixed)	1	To a meritorious and deserving Post-graduate student of the Deptt. of Mathematics

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
18. Prof. I.N. Madan Memorial Scholarships	Rs. 250 p.m. (for 10 months) (each)	2	To M.A. Part II (Hindi) students as detailed below : (i) One Scholarship to the Deptt. student standing 1st in class i.e M.A. I (Hindi) (ii) One scholarship to a student standing 1st in M.A. I (Hindi) Exam. in the Panjab University.
19. Baba Prithvi Singh Azad Scholarship	Rs. 300 p.m. (for 10 months)	1	One Scholarship of Rs. 300/- shall be awarded to a student of M.A. Part II Sociology, having obtained the highest marks in M.A. Part I Sociology in the Department of Sociology, Panjab University.
20. Prof. K.N. Lakshminarayan Memorial Scholarship	Rs. 200 p.m. (for 10 months)	1	For a student of Physics Deptt., who secures first division & first position in B.Sc. (Hons. School) Physics exam. of the P.U., without having any reappear.
21. (a) Late Sh. Sampuran Mahant Memorial Scholarship	Rs. 700/- p.m. (for 10 months)	1	To be awarded to a student of M.Sc. (Hons. School) Chemistry final year on the basis of his/her merit in the M.Sc. (Hons. School) Ist year examination.
(b) Late Smt. Lila Mahant Memorial Scholarship	Rs. 500/- p.m. (for 10 months)	1	To be awarded to a student of B.Sc. (Hons. School) Chemistry final year on the basis of his/her combined merit of 1st and 2nd year B.Sc. (Hons. School).
22. Prof. Hans Raj Gupta Memorial Scholarship	Rs. 2000 p.a. (fixed)	1	For a student of Mathematics Deptt. B.Sc. (Hons. School) in Mathematics 1st year class on the basis of written and viva-voce test.
23. Sh. Rajinder Mohan Kumar Memorial Scholarships	Rs. 500 p.m. (for 10 months) (each)	2	For students of Deptt. of Chem. Engg. & Tech. on Merit-cum-Means basis.
24. Amrit Kaur Khurana Memorial Scholarship	Rs. 150 p.m. (for 10 months)	1	For student of Chem. Engg. & Tech. on Merit-cum-Means basis.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
25. Thakur Datta Sharma Dharmarth Scholarships	Rs. 100 p.m. (for 10 months) (each)	5	For students of Chem. Engg. & Tech. 1st year class. Purely on merit, determined on the basis of entrance test.
26. Durga Devi Ram Dass Merit Scholarships	Rs. 600 p.m. (for 10 months) (each)	6	For students of B.Sc. (Hons. School) Chemistry Deptt.
27. Ram Parkash Mehra Memorial Scholarship	Rs. 1500 p.a. (fixed)	1	For student of Diploma Course of the Deptt. of Computer Science & Applications on Merit-cum-Need basis.
28. Kamal Gupta Memorial Scholarship	Rs. 100 p.m. (for 10 months)	1	To a student of M.A., Deptt. of Hindi on Merit-cum-Means basis.
29. Alfred Woolner Scholarship	Rs. 200 p.m. (for two years)	1	To a student of M.Phil./Ph.D., holding the degree of Master of Arts in one of the Indian Languages preferably of the Panjab University.
30. Prof. D.V.S. Jain Merit Scholarship	Rs. 400 p.m. (for 10 months)	1	To a student of M.Sc. Part II (Hons. School) in Chemistry.
31. Yamuna Devi Tejaswigiri Scholarships	Rs. 300 p.m. (each)	2	For Engg. Degree Course (including Chemical Engg.) students on Merit-cum-Means basis.
32. Late Sh. Pritam Nath and Mrs. Ram Piari Scholarships	Rs. 500 p.m. (for 10 months)	2	To the wards of the University employees studying in the University Departments on the basis of Merit-cum-Means.
33. Pt. Labhu Ram Sharma Scholarship	Rs. 500 p.m. (for 10 months)	1	To a needy student who have passed his 10+2 exam. from any School/College located in Hoshiarpur Distt. and joined M.Sc. I/II class of any Science Deptt. of Panjab University.
34. Pt. Labhu Ram Sharma and Shanta Sharma	Rs. 500 p.m. (for 10 months)	2	To a needy student who have passed his 10+2 exam. from any School/College located Scholarships in Hoshiarpur Distt. and joined M.Sc. I/II class of any Science Deptt. of Panjab University.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
35. Class of 1969 Scholarships	Rs. 1500 p.m. (each) (for 10 months)	4	One each to 1st year, 2nd year, 3rd year and 4th year student of the Deptt. of Chemical Engg. & Tech., P.U., Chandigarh.
36. Dr. J.N. Kaushal Scholarship	Rs. 1000 p.m. (for 10 months)	1	To be awarded to a student of LL.B. 1st Sem. on the basis of merit of Entrance Test conducted by the University.
37. Mr. Justice R.P. Khosla Mem. Scholarship	Rs. 1000 p.m. (for 10 months)	1	To a needy and deserving student of LL.M. 1st year for the duration of the Course in the Deptt. of Laws.
38. Tikka Jagjit Singh Bedi Mem. Scholarships	Rs. 500 p.m. (each) (for 10 months)	2	To the needy students of the Deptt. of Laws.
39. Dr. B.M. Anand and Mrs. Ram Lubhia Anand Scholarships	Rs. 500 p.m. (each) (for 10 months)	2	One to a student admitted in B.Sc. I (H.S.) Physics on the basis of merit and the other to the most needy student of any class of Physics (H.S.) of the Physics Deptt.
40. (i) Mrs. Udham Kaur Menon Educational Scholarship	Rs. 800 p.m. (for 10 months)	1	To a girl student of B.A./B.Sc. Part-I studying in colleges affiliated to Pb. University, who should be a resident of Nawan Shahar (Pb.) on the basis of Merit-cum-means.
(ii) Mrs. Udham Kaur Menon Educational Scholarships	Rs. 1000 p.m. (for 10 months) (each)	2	Two Scholarships to the girl students studying in Medical Colleges affiliated to Pb. University Strictly on the basis of Merit-cum-means.
41. Dr. Prabha Chaudhry Memorial Scholarship	Rs. 500 p.m. (for 10 months)	1	To be awarded to a deserving student (Preferably female) of M.B.B.S. course in final M.B.B.S. Part I & II classes on the basis of Merit-cum-means.
42. Late Mrs. Pushpa & Sh. G.L. Chojar Memorial Scholarship	Rs. 500 p.m. (for 10 months)	1	To be awarded to a girl student specially belonging to poor family without distinction of caste, creed or religion doing Ph.D. in Hindi in the Deptt. of Hindi, P.U., Chd. and in case Ph.D. student is not available the same be granted to an M.A. Hindi student.
43. Sh. H.L. Sarin Memorial Essay & Moot Competition	Ist prize Rs. 2000/- IInd prize Rs. 1500/- IIIrd prize Rs. 1000/-	2	To students who win All India Essay competition on Rent Law.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
44. Late Sh. Hari Ram Luther Memorial Scholarship	Rs. 9000/- p.a.	1	To be awarded to promising undergraduate mathematics students in his/her B.A. III class.
45. Late (Mrs.) Ved Kaur Luther Memorial Scholarship	Rs. 9000/- p.a.	1	To be awarded to promising undergraduate Punjabi literature student in his/her B.A. III class.
46. Late Sh. Ajit Singh Sarhadi Memorial Scholarships	Rs. 8000/- p.a. each	2	Two students, one from second year and one from final year of LL.B.
47. Sh. Inder Pal Singh Palu Memorial Scholarship	Rs. 600/- p.m. (for 10 months)	1	To be awarded to the Ward of 'C' class University employees in the deptt. of Chem. Engg. & Tech., Pharmaceutical Sciences and B.Sc. (H.S.) on the basis of merit of Entrance test for admission to first year Course in their deptts. In case any Ward of 'C' class University employee is not available the scholarship may be awarded to the Ward of 'B' class University employee failing which Ward of 'A' class University employees.
48. Seth Beni Prashad Memorial Scholarship	Rs. 2500/- p.a.	1	To be awarded to the best student of M.A. Economics Part II for his/her outstanding performance in Academics on the basis of result of M.A. Part I class.
49. Prof. S.R. Bawa Merit Scholarship	Rs. 650/- p.m. (for 10 months)	1	The scholarship be based on merit to a student standing first-class first in B.Sc. (H. S.) exam. in Bio-Physics, provided the student is enrolled in M.Sc. (H.S.) in Bio-Physics.
50. Late (Mrs.) Vimal Chadha Memorial Scholarship	Rs. 500/- p.m. (for 10 months)	1	To be awarded to the topper of M.A. English previous year examination of the whole of University held every year.
51. Surinder & Sarika Mahant Library Science Scholarships	Rs. 450/- p.m. (each) (for 10 months)	2	(i) To be awarded to the First Year student of M.Lib. & Information Science (Two year integrated course) on the basis of Financial need-cum-merit. (ii) To be awarded to the Second Year student of M.Lib. & Information Science (Two year integrated course) on the basis of Financial need-cum-merit.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
52. Rajni Rai-cum-C. Rai Barrister Memorial Scholarship	Rs. 400/- p.m. (for 10 months)	1	To be awarded to the needy & deserving Law students of Law Faculty of P.U. either to LL.B. students or LL.M. students.
53. Shanti Rai Sahni Scholarship	Rs. 1000/- p.m. (for 10 months)	1	To be awarded to a needy and meritorious student who seek admission in Ist year Electronics and Communication Engg. at P.U. Chandigarh
54. Smt. Somwati and Sh. Thakur Das Farwaha Memorial Scholarships	Rs. 5000/p.a. (each)	2	(i) For Chemistry : To be awarded to a student who topped in the B.Sc. (Hons. School) and admitted in the 1st year of M.Sc. (Hons. School) (ii) For UIET : To be awarded to a student who in the order of merit of CET admitted in the UIET in any stream.
55. Prof. (Dr.) S.R.K. Chopra Scholarship	Rs. 500/- p.m. (for 10 months)	1	To be awarded to topper in B.Sc. (H.S.) Final in Anthropology.
56. Late Abhishek Sethi Memorial award.	Rs. 30,000/- p.a.	1	To be given to one topper student of securing highest aggregate marks from all the courses in U.I.E.T. Department.
57. Late Prof. V. C. Dumir Scholarship for Mathematics Excellence.	Rs. 1000/- p.m. (for 10 months)	1	To be awarded to the meritorious student of M.Sc. (H.S.) Ist year studying in the Department of Mathematics P.U., Chandigarh and would be continued to that student for M.Sc. (H.S.) 2nd year after examining his/her performance.
58. Late Dr. Laxmi Narain Sharma Memorial Scholarship	Rs. 700/- p.m. (for 10 months)	1	To be awarded to the candidate standing first in the subject of Hindi in the B.A. Exam. and wishing to do M.A. Hindi in the Deptt. of Hindi.
59. (i) Late Parameshwara Nand & Smt. Gayatri Devi	Rs. 700/- p.m. (for 10 months)	1	To be awarded to a student of P.U. Sanskrit Deptt. for standing First in M.A. Sanskrit Part I.
(ii) Late Smt. Padma Sharma	Rs. 700/- p.m. (for 10 months)	1	To be awarded to a student of P.U. Sanskrit Deptt. for standing 'Second' in M.A. Sanskrit Part I Exam.

60. "Late Mrs. Saubhagya & Prof. Prem Nath Memorial Scholarship".
To be awarded 'four' fellowships for M.A. students of the Deptt. of Philosophy on the following terms and conditions :-
- (i) 'One' scholarship in M.A. Ist year be awarded to the student for standing 'first' in the list of admitted students.
 - (ii) 'Second' scholarship be awarded to the student of M.A. Ist year who is both needy and meritorious.
 - (iii) 'Third' scholarship in the M.A. 2nd year be awarded to the student who secured highest marks in the M.A. I exam.
 - (iv) 'Fourth' scholarship be awarded to the student of M.A. 2nd who is both needy and meritorious.
 - (v) Amount of each scholarship would be Rs. 1000/- p.m. for 10 months.
61. **Justice Teja Singh Memorial Scholarship**
To be awarded to the student who has been admitted to LL.M. 1st Semester on need-cum-merit basis @ Rs. 30,000/- (p.a.) every year.
62. **Prof. P.S. Gill Memorial Scholarship**
Two Scholarships @ Rs. 6,000/- (p.a.) each to be awarded to M.Sc. (H.S.) IInd Physics/M.Sc. (H.S.) IInd Physics & Electronics students on the basis of their performance in both the semester of M.Sc. (H.S.) Ist Physics/M.Sc. (H.S.) Ist Physics & Electronics.
63. **Late Mr. Pritish Bery Memorial Scholarship**
To be awarded to a student persuing M.B.A. from the University Business School, U.I.A.M.S., U.I.E.T., BE & MBA from U.I.C.E.T. Chandigarh Campus and he should be physically handicapped fulfilling the criteria as prescribed by Panjab University and should have obtained admission through the quota reserved for physically handicapped students @ Rs. 3,000/- p.m. for 10 months every year.
64. **Late Begum Iqbal Bano Memorial Scholarship**
To be awarded to the students who stand first in the Deptt. of Hindi P.U., in M.A. Ist & IInd.
- (i) M.A. Ist (Hindi) (i.e. Total score of semester 1st & 2nd Rs. 1,200/- (p.m.) x 10 months = 12,000/-
 - (ii) M.A. IInd (Hindi) (i.e. Total score of semester 1st, 2nd, 3rd & 4th Rs. 2,100/- (p.m.) x 10 months = 21,000/-
- Total Rs. 33,000/-
65. **Darshi Gupta Memorial Scholarship**
To award lumpsum amount of Rs. 8000/- p.a. to final year medical student in the University of Panjab who is bright & is finding it difficult to complete the course.
66. **Dharmpal Sarla & Ramesh Bansal Charitable Trust**
Two scholarship of Rs. 1000/- p.m. each will be awarded to the economically weak & promising students in the field of Medicine in any affiliated colleges of the Panjab University for the entire duration of course.
67. **Mons. P. Jeannert Memorial Scholarship**
To be awarded to a candidate who topped in M.Sc. Environment Science first year @ Rs. 1100/- p.m. for 10 months.
68. **S.C. Aggarwal Memorial Scholarship**
To be awarded to two best passes of High School at Mullana, Distt. Ambala on the basis of Marticulation exam. @ 150/- p.m. each 10 months.
69. **Smt. Sandhaya Devi Memorial Scholarship**
To be awarded to a girl student who stands first in 1st year of MBBS examination in first attempt amongst all the girls students in Govt. Medical College Sector-32, Chandigarh @ 7000/- p.a.

70. **Radha Krishan Prem Kaur Scholarship**
To be awarded to the 10 students of B.A. Part-I of P.U. affiliated colleges on the basis of merit-cum-means @ Rs. 150/- p.m. each for 10 months.
71. **Ragunath Chawla Memorial Scholarship**
Three scholarship to be awarded to the students of Shastri Part I, II & III class of the institution affiliated/associated with Panjab University @ Rs. 150/- p.m. each for 10 months.
72. **Chanderlekha Sharma Memorial Nursing Scholarship**
To be awarded to a student of B.Sc. Nursing 1st year on the basis of merit in the entrance test @ Rs. 400/- p.m. for the duration of entire course.
73. **Smt. Prem Lata & Prof. Jain Research Foundation**
Created in the deptt. of Chemistry & centre of Advance Studies in Chemistry P.U. Chandigarh to promote Scientific Research.
74. **Gill Family Charitable Fund (GFCF)**
Created in the deptt. of University Institute of Pharmaceutical Sciences in the name of P.U Alumnsus Jaswant Singh Gill for Scholarships and Research fellowship.
75. **Smt. D.P. Sharma and Smt. Nirmala Sharma Memorial Scholarship**
To be awarded especially for Girl student on the basis of Merit-cum-financial needs in the School of Communication Studies.
76. Ten Scholarships each on the result of B.A./B.Sc. (General) First Year Examination.
77. Two Scholarships on the result of B.A./B.Sc. (General) Third Year Examination i.e. one for B.A. and other for B.Sc.
78. One Scholarship in each subject for standing first in the combined result of B.A./B.Sc. Hons. papers and pass papers in that subject.
79. One Scholarship each on the result of the B.Sc. (Hons. School) Final examination in Chemistry, Biochemistry, Anthropology, Zoology, Botany, Physics, Geology, Microbiology and Bio-Physics.
80. Silver Jubilee Merit Scholarship Rs. 200 p.m. for M.Sc. 1st year (for Maths student).
81. Eight NBHM Scholarships of the value of Rs. 700 p.m. for outstanding students joining B.Sc. (Hons. School) First year in Mathematics on the basis of performance of students in the Common Entrance Test, aptitude test/interview.
82. One Scholarship each on the result of B.Sc. (Home Science) Part-I, II and III examination.
83. One Scholarship each on the result of 2nd semester of the 1st, 2nd, 3rd and 4th year Bachelor of Architecture exam.
84. Fifteen Scholarships each on the result of 2nd, 4th and 6th semester of B.Engg. examination.
85. Nine Scholarships each on the result of 1st and 2nd Professional of MBBS examination.
86. One Scholarship on the result of Shastri Part III examination on joining the Acharya Part-I class.
87. One Scholarship on the result of Acharya Part-I examination on joining the Acharya Part-II class.
88. LL.M. Part-I :- Two Scholarships to the top most students provided they secure at least 60% marks at the LL.B. Examination.
89. LL.M. Part-II :- Two Scholarships to the top most students provided they clear the LL.M. Part I in the 1st attempt.

Note : Sr. No. 76–89 covered under the University Merit Sheet Scholarships.

1. Scheme of Post Matric Scholarship for OBC Students by the Govt of India/State Govt/U.T. Admn. Studies in India.

Those candidates belonging to OBCs so specified in relation to the State/Union Territory to which the applicant actually belongs, i.e. is permanently settled, who have passed the Matriculation or higher secondary or any higher examination of a recognized university or Board of Secondary Education and who belong to a family having income not exceeding Rs. 1 lac per annum are eligible.

2. (i) Scheme of Post Matric Scholarship for student belonging to Minority Communities for Studies in India.

Scholarship will be awarded to the students who have secured not less than 50% marks or equivalent grade. In the previous final examination and the annual income of whose parents/guardian from all sources does not exceed Rs. 2.50 lakh.

(ii) Only Scheme of Merit cum Means based Scholarship for students belonging to Minority Community i.e. www.momascholarship.gov.in.

3. Financial Assistance to students for SC/ST categories under the budget head improvement of education, Sub head for providing Subsidy/Grant/Assistance i.e. Rs. 10 lac. The income criteria for grant of Financial Assistance to SC/ST student of the teaching departments is Rs. 2.50 lac. (Income limit Rs. 2.50 lac) & other formalities like Post Matric Scholarship.

4. The following scholarships are to be given to students belonging to Scheduled Caste and special grants to girls belonging to Scheduled Castes.

The girls belonging to the Scheduled caste whose parents income does not exceed Rs. 60965/-, shall be given an extra benefit of Rs. 50/- per month and Rs. 60/- per month at post graduate level.

(i) Post-Matric Scholarship Scheme of the Govt. of Punjab

Those students belonging to the Scheduled Castes whose parents/guardian are the permanent residents of Punjab State and are studying in any recognised college in any part of India are entitled for scholarship, provided that the yearly income of their parents/guardian from all sources should not exceed Rs. 2,50,000 & tuition fee & other non-refundable charges be not taken from the SC/ST students belonging to Punjab State at the time of admission for various courses other than self financing courses of the Panjab University and its Regional Centres from the Session 2009-2010.

(ii) Post-Matric Scholarship Scheme of the Govt. of India

Only those candidates who belong to Schedules Castes so specified in relation to the State/Union Territory to which the applicant actually belongs i.e. permanently settled and who have passed the Matriculation or Higher Secondary or any examination of a recognized University or Board of Secondary Education will be eligible.

For details–Visit www.dpipunjab.org/ / www.chd.education.gov.in

(iii) Freeships under State S.C. Welfare Scheme

The Govt. Colleges should not charge fee from students belonging to Scheduled Castes whereas the Private Colleges, Institutions should claim the remaining amount from the Govt. after leaving 2% of total students and this condition of 2% does not apply in case of Technical Colleges.

(iv) Scholarships to students belonging to Scheduled Tribes

Scholarships are granted to children to permanent resident of Scheduled Tribes (formerly Criminal Tribes) in the State of Punjab who are studying at the college level, provided that the annual income of the parents/guardian of such students should not exceed Rs. 5000 or land revenue should not be more than Rs. 1000 p.a.

5. A New Corpus 'Merit-cum-Means Loan Subsidy Scheme'.

Grant of 'Merit-cum-Means Loan Subsidy Scheme' in self financing courses.

The Syndicate at its meeting held on 30-1-2010 vide Paragraph 27 had approved :-

"that a sum of Rs. one crore be sanctioned out of the interest earned on the fund 'Foundation for Higher Education & Research Account' to constitute a new corpus 'Merit-cum-Means Loan Subsidy Scheme' in self financing courses for providing soft loan to the financially weaker and meritorious students w.e.f. November 2010".

Accordingly, the benefit is to be extended to the students who fulfill the following conditions :-

INSTITUTION OF A CORPUS FOR MERITORIOUS AND NEEDY STUDENTS IN THE SELF FINANCING COURSES :

The education loan subsidy may be given on the basis of merit-cum-mean basis out of the interest earned on the Corpus of Rs. one crore to the students **who have taken education loan from any nationalized bank** for undertaking Graduate/Post-Graduate self financing courses in the University as per following guidelines :-

1. The amount of education loan subsidy shall be Rs. 25,000/- per annum per student for once during the course. **The maximum number of students shall be 50 in a year.** This amount has been recommended on the basis of present return on the Corpus. It shall be reviewed on yearly basis.
2. The income limit to be eligible to qualify for receiving education loan subsidy under this scheme shall be Rs. 1.5 lacs family income per annum. In case of less number of candidates, the income limit may be increased to Rs. 4.80 lacs.
3. The education loan subsidy shall be disbursed at the end of the academic year after the declaration of result to those students who secured 60% marks.
4. This subsidy shall be disbursed on the basis of a certificate from the nationalized bank from where the student has taken education loan. The subsidy would be towards the principle amount of the loan and the amount of subsidy shall be paid to the bank directly.
5. The students claiming subsidy under this scheme should not have taken any other scholarship or assistance from an other agency for that course. In this regard an undertaking shall be obtained from the student.

The students who fulfill the conditions and desirous to avail the said loan subsidy may apply for the purpose on the prescribed Proforma. The said application should reach in the office of the Assistant Registrar Account-II, Panjab University, Chandigarh latest by 15th Sept. 2016. Incomplete applications will not be entertained/ the applications received after the due date will be rejected.

MEDALS CREATED THROUGH ENDOWMENTS

1. Prof. M.G. Singh Gold Medal for highest marks in linguistics paper related to any group of M.A. (English) final examination, provided the awardee passes the examination in the first or second division in the first attempt.
2. Jiwan Mal Malhotra Gold Medal in M.A. History examination, on alternate year, to the best candidate on the basis of result of two years.
3. Arun Modi Gold Medal for standing first in the Final Chemical Engineering Examination.
4. Panjab University Journalists' Society Gold Medal for standing first in the Bachelor of Mass Communication.

5. Pt. Hem Raj Memorial Medal for standing first in the Final B.Sc. (Hons. School) Examination in Mathematics.
6. Mohinder Pal Aggarwal Gold Medal to the poorest candidate amongst the three top position holders of final M.B.B.S. Examination.
7. Swami Nirvikaranand Saraswati Gold Medal to the student who tops the list of candidates in all M.A. Examinations together.
8. Kartar Singh Chadha Gold Medal for standing first in the LL.B. examination.
9. Pt. Hem Raj Silver Medal for standing first in M.Sc. (Mathematics).
10. R.B. Badri Dass Silver Medal for standing first in the LL.B. final Examination.
11. Attar Chand Kapur Silver Medal for standing first in M.A. Economics.
12. Uttam Devi Medal for the girl candidate standing first in the Prabhakar Examination.
13. Gadgil Gold Medal for obtaining top position in M.A. amongst the Social Sciences (History, Pol.Sc., Economics, Public Administration and Sociology).
14. Prof. Prem Singh Silver Medal for standing first in the B.Sc. (Honours School) in Chemistry.
15. Dewan Bahadur Wali Ram Taneja Gold Medal for standing first in M.Sc. Honours School in Anthropology.
16. Mohinder Pal Aggarwal Silver Medal to the poorest candidate amongst the three top position holders in final B.Sc. Examination.
17. S.J. Jindal Trust Gold Medals for standing first in Prajna, Visharad, Shastri and Acharya.
18. S.J. Jindal Trust Silver Medals for standing second in Prajna, Visharad, Shastri and Acharya.
19. H.M.T. (Bangalore) Gold Medal for standing first in Bachelor of Mechanical Engineering Examination.
20. Smt. Pritam Devi Rampal Memorial Silver Medal to a girl student standing first in the final B.Sc. (Home Science).
21. Dr. Devinder Sarup Singh Memorial Gold Medal to the student standing 1st in the M.B.B.S. Examination.
22. Sherie Doonga Ji Silver Medals for standing 1st in M.Sc. (Home Science) combined results of all the disciplines & B.Sc. (Home Science) examination.
23. Shri Gurbachan Singh Aggarwal Memorial Gold Plated Silver Medal for standing first in Civil Procedure Code/Company Law in LL.B. class in alternate years.
24. Dr. Surinder Vadhera Memorial Gold Medal for standing 1st in M.B.B.S. examination.
25. Ms. Sudarshan Pal Sidhu Gold Medal for standing 1st amongst the women candidates for M.Ed. examination.
26. Dr. Ramji Narain Omvati Gold Medal for standing 1st in B.Sc. (Hons. School), Bio-Chemistry examination.
27. Dr. Ramji Narain Omvati Gold Medal for standing 1st in M.Sc. (Hons. School), Bio-Chemistry examination.
28. H.M.T. (Bangalore) Gold Medal for standing 1st in Bachelor of Production Engg. examination.
29. Rajiv Verma I.P.S. Gold Medal for standing first in M.A. History examination.
30. Prof. I.S. Gupta Gold Medal for Chem. Engg. & Tech. student for securing highest marks in Technology paper III of both V & VI semesters (All combined) of B.Chem. Engg. Examination.
31. "P. Sundarayya Gold Medal" on the result of M.A. final Political Science examination, offering the optional paper of Marxism at any level.
32. Prabhat Memorial Gold Medal to a student for standing first in M.A. Indian Theatre examination.
33. Prof. Hans Raj Gupta memorial two silver medals to the best graduate students of M.Sc. (Hons. School) and M.Sc. 2 year course in the department of Mathematics.

34. Prem Chand Silver Medal to the best short story writer in Hindi amongst the students of the University Teaching Departments and the affiliated colleges.
35. Surendra Nath Gold Medal to a best all rounder student of B.Sc. (Hons. School) in the Deptt. of Chemistry.
36. Om Gupta Gold Medal for standing first in B.E. (Chemical Engg.) final examination.
37. Smt. Raj Suri Gold Medal for passing M.A. Sanskrit and obtaining highest marks amongst the students who have studied Group (A) Veda (Paper III) Vedic Samhitas (Paper IV) Brahmina & Vedanga in M.A. final year.
38. Dr. Prem Nath Chhuttani Gold Medal to the student who tops in the subject of Medicine in the M.B.B.S. Final Examination of the University.
39. Dr. Vidya Prakash Verma Silver Medal to the best Dental Faculty Student in Surgery.
40. Dr. Jagdish Saran Sharma Memorial Gold Medal for standing first in the Master of Library Science Examination.
41. Sh. & Smt. Khushi Ram Kahol Memorial Gold Medals, one for the student who passes through M.Sc. successfully in the first attempt and obtains highest marks in Solid State Physics course offered in M.Sc. II in the Physics Deptt. and another medal to the student who gets the 1st position in first attempt on completion of the M.Sc. programme in the Physics Deptt.
42. Prem Chand Short Story Medal.
 1. A Silver Medal (out of the interest of Rs.1,100) shall be awarded to best short story writer in Hindi every year.
 2. It shall be named as Prem Chand Kahani Puraskar.
 3. All students who are on the rolls of Teaching Departments of the University and on the rolls of colleges affiliated to the University shall be eligible for contesting the Medal.
 4. Entries shall be submitted in a sealed cover in the manner prescribed below by registered post to the Registrar, Panjab University, Chandigarh by name not before the 14th but not later than the 30th day of August each year. On the outer cover the candidate shall simply write "Prem Chand Medal" and inside it, there shall be two sealed envelopes one marked "Prem Chand Short Story Entry" having in it the story with only the candidate's pseudonym, but no means of identification such as his name, address; University Department/College, Roll No. or the like; the other marked 'Candidate's Identity' having in it his name, Father's name, address, University Department/College, University Roll No. and the pseudonym adopted by him; in this cover he shall also enclose a certificate from the Head of the Department/College certifying the short story to be the candidate's unaided work.
 5. All contestants shall certify in writing that the short story is written by him/her and it shall be countersigned by the Head of the University Department or by the Principal of the College concerned.
 6. The Head of the Hindi Department shall suggest panel of five names out of which the Vice-Chancellor shall select two to act as judges for evaluating the best short-story for the year.
 7. The decision of the judges shall be final.
 8. The medal shall be awarded at the annual Convocation of the University.
 9. The copyright of the story accepted for Medal shall rest with the University, which may publish it.
 10. No one shall be eligible for the award of the medal for more than once.

43. Gold Medal for Dr. Hazari Prasad Dwivedi Essay Contest on Emotional Integration of the Country.
1. In order to promote literature for the Emotional Integration of the country an essay contest in the medium of English, Hindi and Punjabi shall be held annually. The contest shall be open to all bona-fide students of the University, reading in Degree and Post-graduate classes in the University Teaching Departments and colleges affiliated to the University.
 2. A gold medal shall be awarded for the essay adjudged best and shall be presented at the University Convocation.
 3. An essay not exceeding 6000 words neatly typed or handwritten shall be submitted in duplicate for the contest.
 4. Entries shall be submitted in a sealed cover in the manner prescribed below by registered post to the Registrar, Panjab University, Chandigarh, by name, not before the 14th but not later than the 30th September, each year. On the outer cover the candidate shall simply write "Dr. H.P. Dwivedi Essay Medal" and inside it there shall be two sealed envelopes : one marked 'Dr. H.P. Dwivedi Essay Entry' containing the candidate's essay with the candidate's pseudonym, but no indication such as his name, address, University Roll Number or the like; and the other marked 'Candidate's Identity' containing his name, Father's name, address, University Department/College, University Roll Number and the pseudonym adopted by him. In this cover he shall also enclose a certificate from the Head of the Department/College to the effect that the essay is the candidate's original work.
 5. The University shall appoint a Committee of 3 Judges to assess the essay in English, Hindi and Punjabi, whose judgement shall be final.
 6. Should the Judge consider it necessary, that may, at their discretion, ask the competitors to appear for a Viva Voce or Written test before giving their final award.
 7. As essay submitted for the contest shall become the property of the University and may be published by the University.
 8. No one shall be eligible for award of the essay medal more than once.
44. Dr. J.N. Kaushal Gold Medal for standing 1st in the LL.B. Examination as a whole passing at the first attempt and at one and the same sitting.
45. Punshi Narain Devi Vidyawati Charitable Trust Gold Medal to a student who obtains the highest marks in Industrial Pharmacy paper of B.Pharmacy examination.
46. 'Late Sh. Chander Parkash Gold Medal' to the topper of M.A. Economics of Panjab University who secure at least 60% marks (1st year and 2nd year combined).
47. Dr. Paras Diwan Memorial Medal to the topper of the LL.B. Course.
48. Dr. Prabha Chaudhary Memorial Gold Medal.
To be awarded to a student for standing first in the subject of obstetrics & Gynaecology in the final Professional MBBS Part II Examination.
49. Mrs. Gian Harkishan Singh Pharmacy Medal.
To be awarded to a girl student securing the top marks/grades, the aggregate of all the University examinations passed in first attempt during her studies leading to B.Pharmacy degree of the University.
50. Sarika and Surinder Mahant Gold Medal to the student receiving First class first in M.Lib. & Information Science (Two year integrated Course) examination conducted by the Panjab University.

51. Dr. Kirpal Singh Gold Medal to a student standing first in LL.M. every year.
52. Late Smt. Ram Prakash Gupta Memorial Gold Medal :
To be awarded who
 - (i) Has obtained at least first division in M.A. I & II as a whole.
 - (ii) Stood first in M.A. I as a whole.
 - (iii) Passed all the papers of both M.A. I & II in the first attempt.
53. Late Prof. Iqbal Nath Chaudhary Memorial Gold Medal
To be awarded annually at the University Convocation to a student standing first in M.A. (Political Science) Annual System.
54. Prof. R.C. Paul, Mem. Gold Medal
To be awarded to a first class first student of M.Sc. (H.S.) in Chemistry.
55. Prof. Dr. S.R.K. Chopra, Mem. Gold Medal
To be awarded to topper in B.Sc. (H.S.) final in Anthropology.
56. K.K. Nanda Gold Medal
To be awarded for Ph.D. Research in Plant Sciences.
57. Late Smt. Khajani Devi Gold Medal
To be given every year to the student who secure maximum marks in the subject of Anatomy in first Professional MBBS exam. in the first attempt.
58. Late Principal P. L. Anand Memorial Gold Medal
To be awarded to the student standing first in M.A. Pol. Science (Semester System).
59. Pt. Tejpal Singh Bandhu Gold Medal
To be awarded to the topper of M.A. (Music) Vocal Examination of Panjab University at Convocation every year.
60. Institute of Chartered Accountants of India Gold Medal
To be awarded to a student securing first rank in B.Com. (Hons.) examination or B.Com. (Pass) examination.
61. Late Sh. M.L. Tondon Gold Medal
To be awarded to the topper of the M.Com. (Hons.) programme every year.
62. Late Sh. J.C. Anand Gold Medal
To be awarded to the topper of the M.A. Political Science 1st year (semester system) in Western Political thought paper (I & II) every year.
63. President of India Dr. Shankar Dayal Sharma Gold Medal
To be awarded to a student aduged best of general proficiency including character, conduct & excellence in academic performance extra curricular activities & social services.
64. **Major Harjinder Singh EME World War-II memorial Gold Medal**
To be awarded every year during the P.U convocation to the student who secures highest marks in M.Sc. (Hons.Sch.) in Bio-Technology.

CENTRAL PLACEMENT CELL, PANJAB UNIVERSITY, CHANDIGARH
APPLICATION FORM FOR SCHOLARSHIP - SARBAT DA BHALA CHARITABLE TRUST

Please tick the category applied for:

- 1. Economically weaker section.
- 2. Differently abled Student.
- 3. Students/families affected by natural disaster.
- 4. A student who has lost his/her father.

Affix recent
 Passport size photo
 attested by
 Chairperson/Director

- 1. Name of the Applicant _____
- 2. Department _____ Class _____ PUPIN NO. _____
- 3. Mobile No _____ Email id _____
- 4. Father's name with address _____

5. Total family annual income from all sources _____
 (Authentic Proof to be attached: Income certificate from Employer/ Revenue Authorities and Affidavit)

6. Educational Qualifications: University Annual / 1st/ 2nd Semester: _____
 Examination (last qualified): Year of Passing _____ Roll No. _____
 Marks Obtained _____ Max. Marks: _____ %age of Marks: _____

7. Details of the family members:-

	Number	Age	Self Supporting	Education
Brothers				
Sisters				
Other Dependents				

8. Scholarships/Stipend/Financial Assistance Fee Concession (if any) being availed. (Yes/No) _____
 Details _____

CERTIFICATE

(To be signed by the student)

I hereby solemnly declare that the particulars given by me in the application are correct to the best of my knowledge and belief. I further declare that I will intimate the Department/University, if I am granted any Scholarship/Stipend and Fee Concession after the submission of this application.

Signature of the applicant with date.

CERTIFICATE

(To be signed by the Chairman/Director of the deptt.)

Certified that the particulars filled in by the student have been verified from the admission form of the student and other record of the Department and found correct.

Signature of the Deptt. Official

Recommendation of the Chairman/Director of the Department.

**Signature of the Chairman/Director of the Deptt.
 with office stamp**

I. FACULTY OF ARTS

DEPARTMENT OF ANCIENT INDIAN HISTORY, CULTURE AND ARCHAEOLOGY

About the Department

The Department was established in 1961. Since then it is imparting quality education to the students. The Department provides practical training to the budding archaeologists. The Department has carried out extensive field work including excavation/exploration from time to time. Main sites excavated by the Department are Sugh, Mitathal, Mahorana etc. The museum of the Department possesses rich collection of antiquities for study and research. Special lectures are organized by the Department on different aspects of Ancient Indian History and Culture. The Department has been hosting several conferences and seminars since its inception.

Faculty

Particulars	Name	Field of Research Specialization
Prof. Re-employed	Ashvini Agrawal	<i>Ancient Indian History, Culture & Archaeology</i>
Assistant Professors	Paru Bal Sidhu (Chairperson)	<i>Ancient Indian History, Culture & Archaeology</i>
	Renu Thakur	<i>Ancient Indian History, Culture & Archaeology</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	46	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admission.
Diploma in Heritage Tourism (Kept in abeyance)	30	1 year	Basic qualification : 10+2 or equivalent examination. Merit shall be determined on the following basis : 80% marks on merit and 20% marks for interview-cum-aptitude test. Out of 80%, 60% shall be for 10+2 examination, 10% for graduation, 10% for post graduation.
M.Phil.	15	1 year (2 Semesters)	See General Important Guidelines.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Title of Syllabi :

M.A.

SEMESTER-I

Paper-I	:	History of India from the Earliest Times to 8th Century B.C. (Compulsory)	Paper-IV	:	South Indian History
			Paper-V	:	History of Indian Religions from the Earliest Times upto 1200 A.D.
Paper-II	:	History of India from 78 A.D. to 300 A.D. (Compulsory)	Paper-VI	:	Indian Architecture
			Paper-VII	:	Sculpture
Paper-III	:	History of India from 650 A.D. to 1207 A.D.	Paper-VIII	:	Iconography

SEMESTER-II

Paper-IX	:	History of India from C. 8th Century B.C. to 78 A.D. (Compulsory)	Paper-XII	:	South Indian History
Paper-X	:	History of India from C. 300 A.D. to 1200 A.D. (Compulsory)	Paper-XIII	:	History of Indian Religions from the Earliest Times upto 1200 A.D.
Paper-XI	:	History of India from 650 A.D. to 1207 A.D.	Paper-XIV	:	Indian Architecture
			Paper-XV	:	Sculpture
			Paper-XVI	:	Iconography

SEMESTER-III

Group-A	Archaeology	Group-D			
Paper-I	:	Prehistoric Archaeology	Paper-I	:	Social Life and Institutions in Ancient India
Paper-II	:	Archaeological Methods, Techniques and Early Historic Archaeology	Paper-II	:	Political Ideas and Institutions in Ancient India
Group-B	Epigraphy and Numismatics	Group-E	History of Literature		
Paper-I	:	Palaeography & Epigraphy	Paper-I	:	Pali and Prakrit Literature
Paper-II	:	Numismatics	Paper-II	:	History of Sanskrit Literature
Group-C	Greater India	Group-F	Ancient World		
Paper-I	:	Central Asia and China	Paper-I	:	Afro-Asian Civilization
Paper-II	:	Burma, Thailand and Indonesia	Paper-II	:	Greek Civilization

SEMESTER-IV

Group-A	Archaeology	Group-D			
Paper-III	:	Protohistoric Archaeology	Paper-III	:	Economic Life and Institutions in Ancient India
Paper-IV	:	Techniques of Archaeological Excavation, Recording and Early Historic Archaeology	Paper-IV	:	Political Ideas and Institutions in Ancient India
Group-B	Epigraphy and Numismatics	Group-E	History of Literature		
Paper-III	:	Palaeography & Epigraphy	Paper-III	:	Pali and Prakrit Literature
Paper-IV	:	Numismatics	Paper-IV	:	History of Sanskrit Literature
Group-C	Greater India	Group-F	Ancient World		
Paper-III	:	Central Asia and Tibet	Paper-III	:	Afro-Asian Civilization
Paper-IV	:	Champa and Cambodia	Paper-IV	:	Roman Civilization

Note : The students may offer any of the four listed papers in each semester of M.A. I and any of the two listed groups in each semester of M.A. II subject to availability to be notified by the Department at the beginning of each academic session.

Diploma in Heritage Tourism:

Paper-I	:	Historical Introduction	Paper-III	:	Tourism Planning & Management
Paper-II	:	Cultural Traditions			

Departmental Cultural Association

The students of the Department have their Cultural Association with a subscription of Rs.250/- per annum. The Association arranges lectures, functions, short excursions, study tours and other co-curricular activities.

Thrust Areas

The main focus of the Department is on History, Culture and Archaeology with special reference to Numismatics, Art, Architecture and Epigraphy. The Department also undertakes the study of Social, Political, Economic Institutions and spread of Indian Civilization to Central Asia, China and Tibet.

DEPARTMENT OF DEFENCE AND NATIONAL SECURITY STUDIES

About the Department

Established in 2001, the department offers Master's course in Defence & Strategic Studies including research degree programmes. The admission in Master course is open to all the students from various streams, but preference is to the applicants who have studied Defence Studies/Military Science at graduation level. 5 seats are reserved for the serving defence personnel.

The department also offers M.Phil. course in Defence & Strategic Studies to the defence service officers. 5 seats are kept open for admission through entrance test conducted by the department. The course which was offered to serving Defence officers posted at HQ Army Training Command, Shimla and its 29 training establishments has also been extended to serving Defence officers at Higher command Course, Army War College, Mhow after signing a MoU with the University.

The department runs two One-year Postgraduate Diploma Courses i.e. Post Graduate Diploma in Disaster Management & Security and Homeland Security.

The department holds special lectures including Seminars & Conferences to provide additional exposure to the students. The department also has a Defence Studies Society, which organizes various activities including educational trips/tours to defence establishments in the country.

Faculty

Particulars	Name	Field of Research Specialization
Professor	Rakesh Datta	<i>International/ National Security</i>
Assistant Professor	Jaskaran Singh (Chairperson)	<i>Maritime Security/Area Study China/ Pakistan</i>
Guest Faculty	Meena Dutta Shaveri Thakur David S. Lengen	<i>Conflict Resolution Maritime Security/Indian Ocean India-China Relation</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	34+5 for Serving Defence Personnel	2 years (4 Semesters)	(i) Candidate shall offer Defence Strategic Studies who had passed Defence & Strategic Studies at graduate level; (ii) had passed Bachelor's Degree in allied subjects History, Political Science, Economics, Sociology, Psychology, Geography, Geology, Public Administration in Faculty of Arts/Social Science;

			(iii) had passed their qualifying examination in other subjects/ Faculties; and
			(iv) Candidates belonging to the Armed Forces (i.e. Army, Navy & Air Force, Central Armed Police Forces (CAPF) after having put in five years of regular service provided they have passed the graduation examination.
M.Phil.	20 for Defence Officers at Army Training Command, Shimla and its Establishments 11 seats for officers from the armed forces outside ARTRAC 120 seats for serving Defence officers at Higher command Course, Army War College, Mhow 5 seats are open for Defence Studies Students	1 year (2 Semesters)	Should be a commissioned officer of Indian Defence Forces so as to have the requisite experience in defence studies. Should have Master's Degree with 50% marks See General Important Guidelines
One Year Postgraduate Diploma Course in Disaster Management & Security	34	1 year (2 Semesters)	Graduation in any discipline with 50% marks
One Year Postgraduate Diploma Course in Homeland Security	25 (15 Serving Personnel recommended by their respective Departments + 10 Open)	1 year (2 Semesters)	(a) Bachelor's degree in any discipline of the Panjab University with at least 50% marks (b) An examination of another University recognized by the Syndicate as equivalent to (a) above.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of Syllabi :

M.A.-I

SEMESTER-I

D.S. 1 : National Security Conceptual Aspect	D.S. 3 : Art of War
D.S. 2 : Concept and Theories of International Relations	D.S. 4 : Armed Forces and Society

SEMESTER-II

- D.S. 5 : Defence Aspects of International Relations
D.S. 6 : Strategic Aspects of India's Security
D.S. 7 : Modern Strategic Thought
D.S. 8 : Research Methodology

M.A.-II

SEMESTER-III

Important Note : In M.A.-II (3rd Semester) there will be **three** compulsory (core) papers and **Three** optional papers.

- D.S. 9 : Science, Technology & National Security
D.S. 10 : Area Study China
D.S. 11 : Dissertation
Optional papers (any **one** will be opted)
D.S. 12 : Indian Military History
D.S. 13 : Indian Ocean and India's Maritime Security
D.S. 14 : Major Conflicts during Cold War Era

SEMESTER-IV

Important Note : In M.A.-II (4th Semester) there will be **three** compulsory (core) papers and **three** optional papers.

- D.S. 15 : Regional Security and Cooperation in South Asia
D.S. 16 : Defence Economics
Optional papers (any **one** will be opted)
D.S. 17 : Area Study Pakistan
D.S. 18 : Major Conflicts in Post Cold War Era
D.S. 19 : Non-Traditional Dimensions of India's Security
D.S. 20 : Internal Security Challenges of India

M.Phil.

Eligibility for Enrolment

1. 1. An officer must fulfill the following conditions to enroll for M.Phil. in Defence Studies :-
 - (a) Should have a requisite experience in defence management and studies.
 - (b) Should have postgraduate degree in any discipline.
 - (c) Should have obtained a minimum of 50% marks at postgraduate level.
 - (d) Should be carrying out research related duties or involved in imparting instructions in military related subjects or Defence Studies to student officers. Research related assignment may include:-
 - (i) Officers formalizing concepts and doctrines
 - (ii) Officers involved in studies related to strategic issues
 - (iii) Officers posted to various faculties of studies dealing with formulation and conduct of defence studies.
 - (iv) Officers involved in publication of defence studies literature used by various training institutions for imparting training for postgraduate and/or officer courses.
 - (v) Officers posted on the strength and recommended by the Head of the Training Establishments.

SEMESTER-I

1. Research Methodology
2. Strategic Thinking and Culture
3. Conflict and Cooperation in South Asia

SEMESTER-II

1. Conflict Resolution and Peace Building
2. Indian Ocean and India's Security
3. Dissertation

P.G. Diploma in Disaster Management & Security

SEMESTER-I

1. Disaster Management–Conceptual Framework
2. Risk Factor, Crisis Management and the Role of NGOs
3. Disaster Management Structure-Coordination and Response
4. Project report based on field study+Viva-Voce Examination

SEMESTER-II

1. Disaster Management–Relief and Rehabilitation
2. War and Disaster Management
3. Dissertation+Viva Voce Examination

P.G. Diploma Course in Homeland Security

SEMESTER-I

1. Concept of Homeland Security
2. Political, Social, Economic & Geographical aspects of Homeland Security
3. Intelligence and Internal Security Mechanism

SEMESTER-II

4. State, terrorism and counter terrorism
5. Human Rights, Legal Framework and Psychological aspects of Homeland Security
6. Case Study/Project Report

Thrust Areas

To create awareness regarding national and international security related issues amongst the students and to carry out research work on various security dimensions.

DEPARTMENT OF ECONOMICS

About the Department

The Department was established in 1951. After the partition of the country, the teaching of Economics in this University was organized in Government College, Hoshiarpur under the guidance of Professor K.K. Dewett and Professor S.B. Rangnekar (since 1951). The department was relocated at Chandigarh in 1958 and continues to be leading centre of teaching research and learning of Economics.

The department has the honour of having produced many well known economists like Dr. Manmohan Singh(former Prime Minister of India) and Dr. B.S. Minhas. The department also has the privilege of having had Dr. Manmohan Singh, Dr. Gautam Mathur(Former Director of the Institute of Manpower Planning, New Delhi, and Ex Vice-Chancellor of Osmania University), Dr. Karam Singh Gill(Former Advisor, Planning Commission and Ex Vice-Chancellor of Guru Nanak Dev University, Amritsar) and Dr. G.S. Bhalla, (Former Member Planning Commission and Ex Chairman of the Commission of Agricultural Costs and Prices) on its faculty. One of its alumni namely Professor G.K. Chadha a former member of Economic Advisory Council to the Prime Minister of India and Ex Vice-Chancellor of the Jawaharlal Nehru University, New Delhi and Ex-President South Asian University, New Delhi.

Faculty

Particulars	Name	Field of Research Specialization
Dr. Manmohan Singh Chair		
Prof. Emeritus	H.S. Shergill	<i>Agricultural Economics, Micro Economics.</i>
Prof.Re-employed	Gurmail Singh	<i>Agricultural Economics, Development Economics and Health Economics</i>
Professors	Upinder Sawhney (Chairperson)	<i>Public Policy, Indian Economy, Public Enterprises.</i>
	S.P. Padhi	<i>Industrial Economics, Public Finance.</i>
Associate Professor	Indu Bala	<i>Macro Economics, Monetary Economics.</i>
Assistant Professors	Amrita Sher Gill	<i>Micro Economics, Econometrics.</i>
	Smita Sharma	<i>HRD, Development Economics, Public Finance.</i>
	Harpreet Singh (on study leave)	<i>Macro Economics, Math. Eco., Econometrics.</i>
	Nitin Arora	<i>Macro Economics, Quant. Mathematics, Indian Economy.</i>
	Paramjit Singh	<i>Development Economics, History of Economic Thought.</i>
	Meenu	<i>Indian Economy, Quantitative Methods, International Economics.</i>

Failed/drop-out candidates of M.A.I(Economics) & M.A.II (Economics), irrespective of the arrangement availed of by them or teaching institution viz. college, department etc. joined by them, are not admitted to the respective classes in this department. Those students who are not allowed to take the end semester examination due to shortage of lectures, will not be promoted/admitted to the next higher semester/class. This is applicable for M.A. as well as Five Year Integrated Programme in Economics.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.A. (Hons. School)* Economics	29+4NRI	3 years (6 Semesters)	A person who has passed one of the following examinations will be eligible for admission to the first semester of the Five Year Integrated Programme in Economics : (i) +2 examination under the 10+2+3 system of education conducted by a recognised Board/University/Council with at least 60 per cent (55 per cent in case of SC/ST candidates) marks. (ii) Any other examination, recognized by the Syndicate as equivalent to (i) above. (iii) Given the quantitative requirements of the program, <u>only students who have passed Mathematics at class XII Level are eligible for admission.</u> (iv) There will be no entrance test. Admission will be purely on merit basis on the marks of the +2 examination.

			(v) Medium of instructions will be English only.
			(vi) The candidate must not be above 20 years of age as on 1st August of the year in which admission is sought to the First Semester(22 years in the case of SC/ST)
M.A. (Hons. School)	Ongoing Course	2 years (4 Semesters)	B.A. (Hons. School) in Economics of the Five Year Integrated Programme in Economics from Panjab University, Chandigarh
M.A.	80 +5 NRI	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admissions.
M.Phil.	15	1 year (2 Semesters)	See General Important Guidelines.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Title of Syllabi:

B.A. (Hons.) Economics and M.A. (Hons. School in Economics) for ongoing course.

The syllabi/structure for B.A. (Hons.) Economics and for ongoing course of M.A. (Hons. School of Economics) has to be re-structured as per the guidelines of the UGC. The same will be put up on the website of the University as and when this department gets approval from the competent authorities.

M.A.

SEMESTER-I

All compulsory papers

MAECO-101	Micro Economics-I	MAECO-103	Quantitative Methods-I
MAECO-102	Contemporary Issues in Indian Economy-I	MAECO-104	Economics of Public Finance

SEMESTER-II

All compulsory papers

MAECO-201	Micro Economics-II	MAECO-203	Quantitative Methods-II
MAECO-202	Contemporary Issues in Indian Economy-II	MAECO-204	International Economics

SEMESTER-III

There will be two compulsory papers

MAECO-301	Macro Economics-I	MAECO-302	Economics of Growth and Development-I
-----------	-------------------	-----------	---------------------------------------

Any **two** of the following options for Papers MAECO 303 & 304 :

- | | |
|--------------------------------|---|
| (i) Economics of Agriculture-I | (iv) Economics of Population |
| (ii) Economics of Industry-I | OR |
| (iii) Basic Econometrics | Economics of Human Resource Development |
| | (v) History of Economic Thought |

SEMESTER-IV

There will be two compulsory papers :

MAECO-401	Macro Economics-II	MAECO-402	Economics of Growth & Development-II
-----------	--------------------	-----------	--------------------------------------

Any **two** of the following options for Papers MAECO 403 & 404:

- | | | | |
|-------|-----------------------------|------|---|
| (i) | Economics of Agriculture-II | (iv) | Economics of Money & Banking |
| (ii) | Economics of Industry-II | | OR |
| (iii) | Mathematical Economics | | Economics of Financial Markets & Institutions |
| | | (v) | Advanced Econometrics |

M. Phil.

SEMESTER-I

Paper-I	Economic Theory	Paper-III	Optional (any one of the following)
Paper-II	Research Methodology		(i) Economics Development
			(ii) International Economics
			(iii) Money, Banking and Finance
			(iv) Economics of Public Finance

SEMESTER-II

Paper-IV	Dissertation	Paper-VI	Optional (any one of the following)
Paper-V	Applied Econometrics		(i) Agricultural Economics
			(ii) Industrial Economics
			(iii) Public Policy and Governance

Ph.D.

The department provides the supervisory facility to the eligible candidates for research leading to Ph.D. degree in the under mentioned areas:

Economics of Agriculture, Economics of Industry, Economics of International Trade, Economics of Public Finance, Money & Banking and Development Studies.

Over and above the allocations of UGC Junior Research Fellowships to the Department, those not having fellowships or employed are allowed to pursue research as per University norms.

Thrust Areas

Agricultural Economics, Industrial Economics, International Economics, Development Economics and Money and Banking.

DEPARTMENT OF GANDHIAN AND PEACE STUDIES

About the Department

The Department was established in 1965, initially located in the artistically designed **Gandhi Bhawan** offering **Certificate Course and Ph.D.** In 1972 the certificate course was upgraded to P.G Diploma in Gandhian Philosophy. At present the teaching work is carried out on the premises of the Department of Gandhian and Peace Studies. The library of the Department is housed in the Gandhi Bhawan, so are the research scholars' work tables. The seminars & special lectures are held in the seminar room of the Department & auditorium of the Gandhi Bhawan. **The Department started M. Phil Programme in 1978 and M.A. in Gandhian and Peace Studies in 1984-85.** The Major activity of the Department beside teaching, is to encourage research on various aspects of Mahatma Gandhi's Life, Philosophy & Work and allied fields. Our courses reflect the inter-disciplinary approach and that is why it attracts a large number of researchers from abroad.

Further, a **MoU** has also been signed between the Panjab University and Fayetteville State University, North Carolina at 1200 Murchison Road, Fayetteville, NC 28301(USA),and in that from January to April on every Tuesday/Thursday the Department offers a Global Class via online internet through synchronous video/audio tools with active student engagement in the learning process and provision of exchange programme also from both sides of teachers and students.

Faculty

Particulars	Name	Field of Research Specialization
Professor Re-employed	Manohar Lal Sharma	<i>Gandhi's Social, Political and Economic Thought</i> <i>Non-violence and Peace Studies</i> <i>Rural Development and Panchayati Raj</i>
Assistant Professors	Manish Sharma (Chairperson)	<i>Non-violence, Peace Studies and Conflict Resolution</i> <i>Life, Work and thought of Mahatma Gandhi</i>
	Ashu Pasricha	<i>Research Methodology</i> <i>Panchyati Raj and Rural Development</i> <i>Gandhian Thought</i> <i>Non-violence, Peace Studies and Conflict Resolution</i> <i>Human Resource Management</i> <i>Disaster Management</i> <i>Research Methodology</i> <i>Rural Development and Panchyati Raj</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	29	2 years (4 Semesters)	<ol style="list-style-type: none"> 1. A Graduate in any stream having 50% marks is allowed to take admission in M.A. 1st Semester in Gandhian and Peace Studies. However, a candidate having B.A. degree in any out of the following subjects with 45% marks is also eligible for admission : Gandhian Studies, Economics, Political Science, History, Ancient Indian History, Culture and Archaeology, Sociology, Geography, Women Studies, Human Rights, Philosophy, Psychology, Defence Studies, Social Work, Public Administration and Police Administration. 2. The Department conducts aptitude test of 40 marks and the candidates are admitted after the final merit, i.e. 60% academic and 40% aptitude test.
M.Phil.	10	1 year (2 Semesters)	See General Important Guidelines.

Ph.D. Subject to 3 years See General Important Guidelines.
availability
of seats

Title of Syllabi :

M.A.

SEMESTER-I

Paper-I : Life and the Making of Gandhi Paper-IV : A Study of Texts
Paper-II : Political Thought of Mahatma Gandhi Paper-V : Gandhi in Globalized World
Paper-III : Peace Studies

SEMESTER-II

Paper-VI : Gandhi and Freedom Movement Paper-IX : Social Thought of Mahatma Gandhi
Paper-VII : Economic Thought of Mahatma Gandhi Paper-X : Gandhi and World Peace
Paper-VIII : Conflict & Conflict Resolution with
Special Reference to India

SEMESTER-III

Paper-XI : Research Methodology Paper-XIV : Gandhi, Ecology and Sustainable
Paper-XII : Conflict Management and Transformation Development
Paper-XIII : Legacy of Peace Building : Paper-XV : Gandhi and Social Problems
Mohandas Karamchand Gandhi,
Martin Luther King (Jr.), Daisaku
Ikeda, Abdul Ghaffar Khan

SEMESTER-IV

Paper-XVI : Human Security and Disaster Management Paper-XVIII : Gandhi, Rural Development &
Panchayati Raj in India
Paper-XVII : Social Work and Social Reforms in India Paper-XIX : Field Work Project Report
Paper-XX : Gandhi, Human Rights and Duties

M.Phil.

SEMESTER-I : 12 Credits

Paper-I : Research Methodology Paper-III : Peace Studies and Conflict
Paper-II : Gandhi's Social, Political and Economic Thought Resolution

SEMESTER-II

Dissertation : **12 Credits**

One Research Scholarship for M. Phil purely on merit basis

Ph.D.

Enrolment & Registration as per University Rules

The Department provides facilities for research leading to Ph.D. Degree on inter-disciplinary basis related to **Gandhi's Life, Work & Thought and Peace Studies.**

Thrust Areas

- Life and Work of Mahatma Gandhi
- Socio-economic and Political Thought of Mahatma Gandhi
- Sustainable Development
- Peace Studies
- Conflict Resolution
- Rural Development
- Panchayati Raj
- Freedom Movement
- Human Security
- Social Work
- International Relations and Organizations
- Women's Empowerment
- Disaster Management

DEPARTMENT OF GEOGRAPHY

About the Department

Established in 1960, the department holds a place of eminence as centre for quality research and training. It has been recognised as Centre for Advanced Study by UGC w.e.f. April 1, 2009. It offers opportunities for M.A. in Geography (Semester System) Masters in Disaster Management (Semester System), Masters in Remote Sensing and Geographic Information System (Semester System) and Ph.D.

- Under CAS of UGC in Phase-II (2015-20)
- One of the first departments in the country to start a P. G. Diploma course in Remote Sensing and GIS. The Course has been upgraded to Masters Degree from 2009-10.
- Headquarters of the Association of Population Geographers of India.
- Publishes a Bi-annual Journal: Population Geography, First ever Journal in the field, since 1979.
- Well equipped Updated Library/Remote Sensing and GIS, Cartographic, Surveying and Computer Labs.
- Map Reference Centre of Survey of India, Dehradun to cater to needs of NW Region.
- Focus on field work and educational trips.
- Close association with organizations like Survey of India, NRSC Hyderabad, Census of India, ICSSR, State Governments etc.
- Organizes U.G.C. sponsored National Seminars and Refresher Courses in Geography for college/ university teachers and short term Training Programmes for college and school teachers in Remote Sensing and GIS.

Faculty

Particulars	Name	Field of Research Specialization
Prof. Emeritus	Gopal Krishan	<i>Population Studies, Urban Geography, Administrative Geography</i>
Professors	Smita Bhutani	<i>Population Geography : Women & Sustainability</i>
	Dhian Kaur	<i>Agricultural Geography, Environmental Studies</i>
	Krishna Mohan	<i>Regional Development with Special Focus on Backward Areas, Disaster Management, Remote Sensing & Geographic Information System</i>
	Karanjot Kaur Brar	<i>Environmental Studies, Natural Disaster Studies, Remote Sensing & Geographic Information System, Climate & Sustainability Issues</i>
	(Ravinder Kaur) <i>(Chairperson)</i>	<i>Regional Development, Urban-Rural Relations Policy Studies</i>
Assistant Professors	Gaurav Kalotra	<i>Population Geography, Remote Sensing & Geographic Information System</i>
	Navneet Kaur	<i>Agriculture Geography & Horticulture</i>
	Simrit Kahlon	<i>Urban Geography, Population Geography, Cultural & Environment Geography, Remote Sensing & Geographic Information System</i>
	Vishwa Bandhu Singh	<i>Disaster Studies, Climate Change, Mountain Environments & Remote Sensing & Geographic Information System</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A. (Geography)	51+7NRI	2 years (4 Semesters)	<p>A person shall be eligible only if:-</p> <p>(i) he/she has a Bachelor's Degree with at least 50% marks in the aggregate.</p> <p>(ii) he/she has passed in Geography in the B.A. or B.Sc. examination obtaining at least 45% marks;</p> <p style="text-align: center;">Or</p> <p>has obtained Post-graduate diploma in Cartography with at least second division.</p> <p>Admission is based on PU CET (PG) (50%) and merit in graduation (50%)</p>

Masters in Remote Sensing and GIS	25+3* (*Sponsored by Govt./Institute)	2 years (4 Semesters)	<p>i. The Eligibility criteria for admission to Masters in Remote Sensing and Geographic Information Systems (RS & GIS) is Bachelor's Degree with Geography/Geology/Geo-physics/Mathematics/Physics/Botany/Environment Science/Computer Science/Urban Planning/Regional Planning/B.Tech./B.C.A. or Masters Degree in Geography/Geology/Geophysics/Mathematics/Physics/Botany/Environment Science/Computer Science/M.C.A./Urban Planning/Regional Planning with at least 50% marks in aggregate. The admission to the course shall be through Common Entrance Test in which a minimum score of 50% marks is mandatory.</p> <p>ii. Admission to Masters in Remote Sensing & Geographic Information Systems will be made on the basis of merit drawn in PU CET(PG) (50%) + total aggregate of marks obtained at graduation level (50%)</p> <p>iii. *Sponsored by Govt./Institutes are exempted from the Entrance Test.</p> <p>iv. BA/B.Sc./M.A/M.Sc. Geography students will be given additional weightage of 15 percent of the academic score at Bachelor's level.</p>
Masters in Disaster Management	25+3* (*Sponsored by Govt./Institute)	2 years (4 Semesters)	<p>Graduation in any discipline with atleast 50% marks from Panjab University or from any other University recognised by the Panjab University as equivalent thereto. Admission to Masters in Disaster Management will be made on the basis of merit drawn in PU CET (PG) (50%)+total aggregate of marks obtained at graduation level (50%). To qualify, a candidate must obtain 50% of the marks assigned to the written test. Candidates will be admitted as per merit, based on performance in the written test and qualifying examination put together.</p> <p>*Sponsored by Govt./Institutes are exempted from the entrance test.</p>
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of Syllabi :

M.A. Geography

SEMESTER-I

Paper	Title	Paper	Title
I	Geographic Thought	IV	Any one of the following optional courses :
II	Geomorphology		
III	Cartography (Theory and Practical)	Option	(i) Fundamentals of Population Geography (ii) Fundamentals of Agricultural Geography (iii) Political Geography (iv) Geographical Perspectives on Sustainable Development (v) Geography and Ecosystems (vi) Contemporary Issues in Human Geography

SEMESTER-II

Paper	Title	Paper	Title
I	Climatology	IV	Any one of the following optional courses :
II	Geography of India (Systematic and Regional)		
III	Fundamentals of Remote Sensing (Theory and Practical)	Option	(i) Cultural Geography (ii) Population and Development Planning (iii) Fundamentals of Natural Hazards and Disaster Management (iv) Marketing Geography (v) Geography of Water Resources (vi) Administrative Geography

SEMESTER-III

Paper	Title	Paper	Title
I	Town and Country Planning	IV	Any one of the following optional courses :
II	Research Methodology in Geography		
III	Fundamentals of GIS and GPS (Theory and Practical)	Option	(i) Regional Development and Planning in India (ii) Special Themes in Agricultural Geography (iii) Bio Geography (iv) Social Geography (v) Political Geography of India (vi) Applied Climatology

SEMESTER-IV

Paper	Title	Paper	Title
I	Regional Planning	IV	Any one of the following optional courses :
II	Field Based Project Report (Practical only)		
III	Quantitative Methods in Geography (Theory and Practical)	Option	(i) Urban Geography (ii) Geography of Food Security (iii) Economic Geography (with special reference to India) (iv) Geography of Rural Settlements (v) Qualitative Research Methods in Human Geography (vi) Climate Change and Earth System

Masters in Disaster Management

SEMESTER-I

Course Code	Title of the Paper	Course Code	Title of the Paper
DM1	Concepts, Approaches and Theories of Disasters Theory : 80 Internal Assessment : 20	DM4	Role of Remote Sensing & Geographic Information Systems in Disaster Management Theory : 50 Practical : 30 Internal Assessment : 20
DM2	Fundamentals of Disaster Management Theory : 80 Internal Assessment : 20		
DM3	Natural and Human Induced Disasters Theory : 80 Internal Assessment: 20		

SEMESTER-II

DM5	Finance and Insurance in Disaster Management Theory : 80 Internal Assessment : 20	DM7	Disasters in India Theory : 50 Practical : 30 Internal Assessment : 20
DM6	Research Methods in Disaster Management Theory : 50 Practical : 30 Internal Assessment : 20	DM8	Disaster Management Mechanisms in India Theory : 80 Internal Assessment : 20

SEMESTER-III

DM9	Legal Aspects of Disaster Management Theory : 80 Internal Assessment : 20	DM11	Relief, Rehabilitation & Reconstruction Theory : 50 Practical : 30 Internal Assessment : 20
DM10	Preparedness and Mitigation Theory : 50 Practical : 30 Internal Assessment : 20	DM12	Internship Report : 80 Viva Voce : 20

SEMESTER-IV

DM13	Role of International Agencies in Disaster Management	DM14	Dissertation
	Theory :		Formulation of Project proposal :
	80		50
	Internal Assessment :		Mid-Term Evaluation :
	20		50
			Report evaluation and Viva (150+50)
			200

Master in Remote Sensing and Geographic Information System (GIS)

SEMESTER-I

Paper I	:	Fundamentals of Remote Sensing	Paper III	:	Fundamentals of Geographic Information Systems (GIS)	
(a)		Theory :	50	(a)	Theory :	50
(b)		Practical		(b)	Practical	
		(Lab. work 10 marks+			(Lab. work 10 marks+	
		Record file 10 marks+			Record file 10 marks+	
		Viva 10 marks) :	30		Viva 10 marks) :	30
(c)		Internal Assessment :	20	(c)	Internal Assessment :	20
Paper II	:	Fundamentals of Photogrammetry	Paper IV	:	Fundamentals of Computers and Computer Programming	
(a)		Theory :	50	(a)	Theory :	50
(b)		Practical		(b)	Practical	
		(Lab. work 10 marks+			(Lab. work 10 marks+	
		Record file 10 marks+			Record file 10 marks+	
		Viva 10 marks) :	30		Viva 10 marks) :	30
(c)		Internal Assessment	20	(c)	Internal Assessment :	20

SEMESTER-II

Paper V	:	Cartography	Paper VII	:	Image Processing	
(a)		Theory :	50	(a)	Theory :	50
(b)		Practical		(b)	Practical	
		(Lab. work 10 marks+			(Lab. work 10 marks+	
		Record file 10 marks+			Record file 10 marks+	
		Viva 10 marks) :	30		Viva 10 marks) :	30
(c)		Internal Assessment	20	(c)	Internal Assessment :	20
Paper VI	:	Spatial Analysis	Paper VIII	:	Fundamentals of Global Positioning System (GPS)	
(a)		Theory :	50	(a)	Theory :	50
(b)		Practical		(b)	Practical	
		(Lab. work 10 marks+			(Lab. work 10 marks+	
		Record file 10 marks+			Record file 10 marks+	
		Viva 10 marks) :	30		Viva 10 marks) :	30
(c)		Internal Assessment	20	(c)	Internal Assessment :	20

SEMESTER-III

Paper IX	: Remote Sensing and Geographic Information Systems in Geosciences	Paper XI	: Research Methodology
(a) Theory :	50	(a) Theory :	80
(b) Practical		(c) Internal Assessment	20
(Lab. work 10 marks+ Record file 10 marks+ Viva 10 marks) :	30	Paper XII	: Internship and Field Report
(c) Internal Assessment	20	(a) Evaluation of the Internship and Field Report	50
		(b) Presentation of Data Analysis and Main Findings	30
		(c) Viva-voce	20
Paper X	: Remote Sensing and Geographic Information Systems in Urban and Regional Planning		
(a) Theory :	50		
(b) Practical			
(Lab. work 10 marks+ Record file 10 marks+ Viva 10 marks) :	30		
(c) Internal Assessment	20		

SEMESTER-IV

Paper XIII	: Project Report		
(1) Formulation of Project Proposal		50	
(2) Mid-Term Appraisal		50	
(3) Pre-submission Presentation	50		
(4) Evaluation	150		
(5) Presentation		50	
(6) Viva-voce		50	

NOTE :

1. Those candidates, who wish to discontinue after successful completion of first two semesters of the Masters course shall be awarded Diploma in Remote Sensing and Geographic Information Systems (RS & GIS).
2. The minimum marks required to pass the examination shall be 45% in each (i) theory paper, (ii) practical work, and (iii) Internship and field/project report, and 50% in aggregate.
3. The practical examination shall be conducted by a team of three examiners, including the internal, Chairperson of the Department, and one additional faculty member teaching the course.

Thrust Areas :

Major thrust areas for CAS Phase II include: Population Geography, Settlement Geography, Agricultural Geography, Geography & Ecosystems, Remote Sensing and GIS applications, Regional Development and Disaster Management. Research based teaching has been the forte of the Department.

DEPARTMENT OF GURU NANAK SIKH STUDIES

About the Department

The Department was established in 1970 in pursuance of scheme of the Punjab Govt. and University Grants Commission to conduct, guide and organize study and research of various aspects of life, works and Teachings of Guru Nanak in particular and of the Sikh Religion, Literature History, Philosophy, and of religious thought, in general any other relevant area of Sikh Studies.

The Department is situated at Guru Tegh Bahadur Bhawan on its 1st Floor opposite USOL P.U

Faculty

Particulars	Name	Field of Research Specialization
Prof. Emeritus	Darshan Singh	<i>Phonology and Sikh studies</i>
Professor	Jaspal Kaur Kaang (Chairperson)	<i>Medieval Panjabi Literature, Sikh studies and Fiction</i>

Courses Offered

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A. in Comparative Study of Religions	25	2 years (4 Semesters)	B.A. degree in any subject P.U. or from any other University recognised by the Syndicate/ Senate
Ph.D.	Subject to availability of seat and relevant supervisor	3 to 5 years	Post Graduate Degree in any subject from any recognized University. Students from any stream with U.G.C. NET or with Ph.D Entrance Test clear conducted by P.U. (Also see General important guidelines of P.U for Ph.D course).
Ph.D. Course work		6 months	Syllabus is given on the Panjab University Web Site.

Thrust Areas :

- To conduct, guide and organize Study and Research of various aspects of life, works and teachings of Guru Nanak, along with all Banikars whose Bani has been compiled in Guru Granth Sahib.
- To guide research in the field of Sikh Studies, with special context of Philosophy, Religion, Literature, Language, Performing Arts, Social Sciences, Commerce and Management , Science or any other area related to Sikh Studies.
- Special emphasis is laid on the study and research of Medieval period to till date.
- To explore more areas of research relevant to the Sikh Studies.
- To produce study and research with multidisciplinary approaches.

Facilities available for Research

- Spacious building with quality infrastructure.
- Seminar Hall for organizing Conferences, Seminars, Special/Extension Lectures, Workshops and other activities.
- Reference library well equipped with source books on Sikh Studies.
- Separate research scholar rooms.
- Separate section of library has been earmarked for keeping the rare old manuscripts of Guru Granth Sahib.

Refereed Journal

- The Department publishes refereed journal entitled Punjab Journal of Sikh Studies.
- Sixty Research Scholars have been awarded Ph. D Degree. All the research scholars are settled in good jobs. Most of them are well known personalities in diverse fields.
- Six Research Fellows have been awarded with U.G.C Fellowship and one with Rajiv Gandhi scholarship.
- 12 are teachers research scholar.

Seminars, Conference, Workshops and Special Lecture

- The Department has a long tradition of holding regularly International/National Seminars, Conferences, Workshops and special Lecture series programme on the key issues of the related study.
- The Department has its own Advisory Committee, Board of Control, Research Degree Committee, Research Promotion Committee to tackle the academic and research issues of the Department.

DEPARTMENT OF HISTORY

About the Department

The Department was established in 1951 and offers M.A., M.Phil and Ph.D. Courses. Research opportunities are available in three streams viz. Ancient, Medieval and Modern History.

The Department has organized National Seminars, Conferences, Refresher Courses, Workshops and Special Lectures on important aspects of Indian History from time to time. The Hari Ram Gupta Memorial Lecture is organized annually with a focus on the North Western region. The faculty has been actively engaged in Research Projects funded by UGC, ICHR, National Commission for Women, New Delhi and has published over 80 books and 500 Monographs/Research Papers. The faculty also delivers extension lectures and remains in contact with the affiliated colleges. Various activities are organized through Aitihāsiki, the alumni Association.

Faculty

Particulars	Name	Field of Research Specialization
Professor Emeritus	Indu Banga	<i>Modern and Medieval Indian History with special focus on Punjab</i>
Professor Re-employed (on leave)	Devi Sirohi	<i>History of America and Modern Indian History, with special reference to Gender Relations and Dalits</i>
Professors	Veena Sachdeva	<i>Social, Economic and Political History of Medieval India with special focus on Medieval Punjab Study of Sacred Centres and Medieval Indian Monuments</i>
	Reeta Grewal	<i>Social History of Modern India, Urban History, Medieval and Modern Punjab.</i>
	M. Rajivlochan Anju Suri	<i>Modern Indian History British Paramountcy and Princely States of India, Modern India Including Modern Punjab.</i>
	Sukhmani Bal Riar (Chairperson)	<i>Modern Indian History of India with special reference to the National Movement and History of Punjab in the Modern period.</i>
Assistant Professors	Priyatosh Sharma	<i>Medieval Indian History</i>
	Jasbir Singh	<i>Modern Punjab, History, Culture and Literature</i>
	Ashish Kumar	<i>Economic & Socio-Cultural History of Ancient India</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY / ADMISSION CRITERIA
M.A.	50	2 years (4 Semesters)	As Prescribed in Section 7.1 of Rules for Admissions
M.Phil.	15	1 year (2 Semesters)	See General Important Guidelines
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of Syllabi :**M.A.****SEMESTER-I**

Paper-I	Ancient India: An Overview	(HIS 231)
Paper-II	Medieval India: Political Process	(HIS 221)
Paper-III	Modern India: Political Process	(HIS 211)
Paper-IV	The Punjab (Mid fifteenth to seventeenth centuries)	(HIS 111)

SEMESTER-II

Paper-I	Punjab in the Eighteenth Century (Compulsory)	(HIS 125)
---------	---	-----------

Paper II: Any one of the Following:

Opt. (i)	Agrarian Economy of Ancient India	(HIS 713)
Opt. (ii)	Agrarian Economy of Medieval India	(HIS 712)
Opt. (iii)	Agrarian Economy of Modern India	(HIS 711)

Paper III & IV Any two of the following:

Opt. (i)	American Imperialism in the Nineteenth & Twentieth Centuries	(HIS 811)
Opt. (ii)	USA (1820-1973) (in abeyance)	(HIS 812)
Opt. (iii)	China & Japan (1840-1950)	(HIS 844)
Opt. (iv)	History of Canada (in abeyance)	(HIS 821)
Opt. (v)	Modern World (Mid 15th -19th Century)	(HIS 831)
Opt. (vi)	World in the Twentieth Century	(HIS 832)

SEMESTER-III**Paper I**

	Punjab in the Nineteenth Century (Compulsory)	(HIS 123)
--	---	-----------

Paper II, III & IV Any three from the following :

Opt. (i)	National Movement in India 1858-1947	(HIS 212)
Opt. (ii)	Constitutional Development in Modern India 1773-1947	(HIS 213)
Opt. (iii)	British Policy and Princely States (in abeyance)	(HIS 214)
Opt. (iv)	Contemporary India 1947-1992	(HIS 263)
Opt. (v)	Evolution of Ancient Societies	(HIS 431)
Opt. (vi)	Feudal Society in Western Europe	(HIS 421)
Opt. (vii)	History of Capitalism	(HIS 411)
Opt. (viii)	Rise & Growth of Colonialism in India	(HIS 412)
Opt. (ix)	Gender Relations in Modern India	(HIS 601)

Opt. (x)	Sacred Centres in Indian Civilization	(HIS 604)
Opt. (xi)	Science, Technology & Medicine in Colonial India (in abeyance)	(HIS 603)
Opt. (xii)	History of Secularism in Modern India	(HIS 602)
Opt (xiii)	Cultural History of Ancient India	(HIS 432)
Opt(xiv)	Medieval Indian Art and Monuments.	(HIS 424)

SEMESTER-IV

Paper-I

Punjab in the Twentieth Century (compulsory)	(HIS 126)
--	-----------

Paper -II: Any one of the following

History and Historiography	(HIS 911)
History and Historical Method	(HIS 912)

Paper III & IV Any two from the following :

Opt (i)	Industry, Trade & Urbanization in Medieval India	(HIS721)
Opt. (ii)	Industry, Trade & Urbanization in Modern India	(HIS730)
Opt. (iii)	Working Class Movements in Modern India	(HIS731)
Opt. (iv)	Urbanization in Modern India (in abeyance)	(HIS733)
Opt. (v)	Diaspora in Colonial India (in abeyance)	(HIS 455)
Opt. (vi)	Peasant Movements in Modern India	(HIS 467)
Opt. (vii)	Dalit Movements in Modern India	(HIS 471)
Opt. (viii)	History of Caste and Caste Politics in Modern India (in abeyance)	(HIS 462)
Opt. (ix)	Buddhism in India	(HIS 438)
Opt. (x)	Islamic Traditions of Medieval India	(HIS 426)
Opt. (xi)	Religious Developments in Medieval India	(HIS 428)
Opt. (xii)	Socio-Religious Reform Movements in Modern India	(HIS 418)

Thrust Area

Study of the broad North-Western Region in terms of polity, economy, society and culture since the earliest times in a pan Indian, integrated and inter-disciplinary perspective.

INSTITUTE OF SOCIAL SCIENCES EDUCATION AND RESEARCH

The Panjab University commenced an Integrated Five year Honours programme in Social Sciences from the session July 2015. The Panjab University has joined the ranks of a few premier institutions in the country which have introduced such a pioneering course. Open to students who have completed 10+2, the programme comprises of a 3 year BA Honours and 2 year MA Honours, with an exit option after the first three years. The new innovative course provides a multi-disciplinary foundation for an overall perspective on polity, economy and society, at the undergraduate level, with further specialization at the post graduate level, to inculcate a holistic and interdisciplinary orientation towards the social sciences.

The Integrated five year honours programme in social sciences intends to train students to become reflective and critical thinkers, independent learners and specially equipped in interdisciplinary skills for social analysis and research. The programme intends to provide additional perspectives to comprehend the significant issues of the region, nation and the world today. Our endeavor is to mould the students who come to us into remarkable young men and women who are leaders in the field they may choose to go into, and who will usher in change for a new, progressive tomorrow.

The programme is devised over ten semesters. Students who complete the BA Honours programme of VI semesters, can continue at the Master's level in the discipline in which they have majored in semesters V and VI.

The faculty members in the Panjab University campus social science departments, USOL, DES, and UILS collectively participate in teaching this new programme.

The teachers in Semester I are :

Professor Neelam Grover, Geography
 Professor Sanjay Chaturvedi and Dr. Sarabjit Kaur, Political Science
 Professor Pratibha Nagpal and Dr. Chanchal Narang, English
 Professor Sheena Pall, Dr. Renu Thakur and Dr. Paru Bal Sidhu, History
 Professor Jaspal Kaur Kaang, Punjabi
 Dr. Harpreet Chhabra, Psychology
 Dr. Navneet Kaur, Sociology
 Dr. Kavita Taneja, Computer Science

Faculty for Semester II :

Professor Pushpinder Syal and Dr. Sudhir Mehra, English
 Professor Ramanjit Johal and Dr. Anil Kumar, Public Administration
 Professor Ravinder Kaur and Mr. Sucha Singh, Geography
 Professor Ashutosh Kumar, Political Science
 Professor Jaspal Kaur Kaang, Punjabi
 Professor Harsh Gandhar, Economics
 Dr. Pankaj Shrivastava, Philosophy
 Professor Sheena Pall and Dr. Priyatosh Sharma, History

Course Offered:

COURSE	SEATS	DURATION	ELIGIBILITY
BA (Hons. School)*	50 +10 NRI	3 years (6 Semesters)	55% in plus 2 of any Board/Council/ University Recognized by PU
*Followed by M.A. (Hons. School) Five Year Integrated Programme	–	2 years (4 Semesters)	Candidates who successfully Complete BA Honours in Social Sciences At PU-ISSER

COURSE STRUCTURE FOR FIVE YEAR INTEGRATED HONOURS PROGRAMME IN SOCIAL SCIENCES: 2016-17

Semesters I-VI BA Honours School in Social Sciences

Semesters VII-X MA Honours School in Social Sciences/Specific Discipline

SEMESTER I

1.1 BA Discipline Specific Core Papers

	Title	Credits	Marks
ENG 101	English	3	75
GEO 101	Introduction to Geography	4	100
HIS 101	History of India from Indus Valley Civilization upto 1200 AD	4	100
POL 101	Political Science: Key Concepts and Theories	4	100
SOC 101	Sociology: Key Concepts and Theories	4	100

1.2 BA Choice Based Credit Electives (Any two)

PBI 101	Punjabi	2	50
HCP 101	History and Culture of the Punjab from the Earliest Times to 1849	2	50
PSY 101	Introduction to Psychology	2	50

1.3 BA Skill Enhancement Papers

CAP 101	Computer Applications	2	50
---------	-----------------------	---	----

TOTAL CREDITS FOR SEMESTER I **25 625**

Note: Students can opt for either PBI101 or HCP 101 {if they have not studied Punjabi in Class 10 and +2) as per existing BA pattern; Choice Based Credit Papers may be added on, as per requirement .

SEMESTER II**2.1 BA Discipline Specific Core Papers**

ENG202	English 2	3	75
ECO 201	Economics: Key Concepts and Theories	4	100
PUB 201	Public Administration: Key Concepts and Theories	4	100
GE0 202	Geography of India	4	100
HIS 202	History of India 1200-1750 AD	4	100

2.2 BA Choice Based Credit Electives (Any two)

PBI 201	Punjabi	2	50
HCP 202	History and Culture of the Punjab 1849-1966	2	50
POL 202	Indian Constitution	2	50
PHI 201	Introduction to Philosophy	2	50

2.3 BA Skill Enhancement Paper

ENG 203	Academic Writing Skills	2	50
---------	-------------------------	---	----

TOTAL CREDITS FOR SEMESTER II **25 625**

Note: Students can opt for either PBI101 or HCP 101 (if they have not studied Punjabi in Class 10 and +2) as per existing BA pattern; Choice Based Credit Papers may be added on as per requirement

SEMESTER III**3.1 BA Discipline Specific Core Papers**

ENG 303	English	2	50
ECO 302	Economics: Key Concepts and Theories 2	4	100
PUB 302	Indian Administration	4	100
POL 302	Political Science: Key Concepts and Theories 2	4	100
SOC 302	Society in India	4	100

3.2	BA Choice Based Credit Electives (two;ENV compulsory)		
ENV 301	Environment Studies	2	50
GNR 301	Introduction to Gender Studies	2	50
HOA 301	Introduction to History of Art	2	50
3.3 BA	Skill Enhancement Papers		
GEO 303	Basic Cartography	1	25
REM 301	Research Methodology in Social Sciences	2	50
TOTAL CREDITS FOR SEMESTER III		25	625

Note:Choice Based Credit Papers may be added on as per requirement

SEMESTER IV

4.1	BA Discipline Specific Core Papers		
ECO 403	Indian Economy	4	100
PUB 403	Personnel and Financial Administration	4	100
POL403	Indian Government and Politics	4	100
HIS 403	History of India 1750-1947AD	4	100
SOC 403	Social Change in Modern India	4	100
4.2	BA Choice Based Credit Electives (Any two)		
PSY 402	Elements of Psychology	2	50
PHI402	Indian and Western Ethics	2	50
HRD 401	Introduction to Human Rights and Duties	2	50
PAD 401	Introduction to Police Administration	2	50
4.3	BA Skill Enhancement Papers		
STA 401	Basic Statistics	1	25
TOTAL CREDITS FOR SEMESTER IV		25	625

Note:Choice Based Credit Papers may be added on as per requirement

The Five Year Integrated Honours programme is a full time one, with English as the medium of instruction. It follows a continuous evaluation system through assignments, term papers and seminars,(50%) with an end semester examination (50%). Regular assignments/workshops on a weekly schedule will enhance not only perceptions but also comprehension, writing and analytical skills. The course intends to provide varied perspectives, encourage analytical skills and understanding for solving crucial problems confronted by contemporary society. The programme utilizes a variety of instructional methods, including class interaction, tutorials, study of classical texts, case method, role playing, problem solving, library work and discussions. The programme has a focus on logical reasoning, use of classical texts and development of writing skills to analyse and present evidence, through tutorials and a mentor system.

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

About the Department

The Department is one of the pioneer schools of Library & Information Science in the country. It has produced 50 doctorates, organized various Refresher Courses and seminars in Library & Information Science. It has a rich collection of latest documents in the departmental library and a computer laboratory. The faculty of the department has produced a large number of research publications.

Faculty

Particulars	Name	Field of Research Specialization
Professor	Preeti Mahajan	<i>ICT applications in Library and Information Centers Library Management Reference and Information Services Social Science Information System Library Cataloging Information Storage Retrieval</i>
Assistant Professors	Rupak Chakravarty (Chairperson)	<i>Library Technologies Library Management Information & Communication Health Information System & Public Health Information Storage & Retrieval Academic Library System</i>
	Shiv Kumar	<i>ICT Cataloguing (Theory & Practice) Research Methodology and Statistical Techniques Information & Communication</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Bachelor of Library & Information Sciences	40+5 NRI	1 year (2 Semesters)	The admission of Bachelor of Library and Information Sciences (B.Lib.I.Sc.) is based on merit and subject to fulfilling of other eligibility conditions as per Rules and Regulation of the University Criteria for admission The minimum qualification for admission to the course for the degree of Bachelor of Library and Information Sciences (B.Lib.I.Sc.) are : (a) Bachelor's degree with at least 50 per cent marks in the aggregate from this University or from any other University, the Bachelor's degree of which has been recognized by the Syndicate/Senate; or (b) Master's degree from this University or from any other University the Master's degree of which has been recognized by this University; or

Thrust Areas

Emerging Technologies like RFID (Radio Frequency Identification), FOSS (Free and Open Source Software), Application of Web 2.0 in Libraries etc., Bibliometrics, Scientometrics, Webometrics, User Study Lib. 2.0, User Need, Information Seeking Behaviour, Reference and Information Sources and Services, E-Resources, Reading Habit, Medical Libraries, Public Libraries, Digital Library, Open Access Scholarly Communication, Information Literacy., Collection Development, Library Management, Research Support of Libraries, Research Development etc.

DEPARTMENT OF PHILOSOPHY

About the Department

The Department was established in 1959. The Department provides instructions for M.A. in Philosophy, besides research guidance for a Doctoral Degree and subsidiary courses in Philosophy to the B.Sc. (Honours School) students. The Department strives to provide the students an extensive exposure to Western and Indian Philosophical Traditions and an intensive training to analytical skills and reasoning through lectures, tutorials and seminars. An active participation and regular attendance in all these activities is compulsory. The faculty of the Department takes an active interest in interacting with the faculty and students of the allied departments of their academic areas of interest particularly in Humanities and Social Sciences in the Faculties of Arts, Languages, Design & Fine Arts.

Faculty

Particulars	Name	Field of Research Specialization
Prof. Emeritus	Dharmendra Goel	<i>Philosophy of History & Culture, Analytical Language</i>
Prof. Re-employed	V. T. Sebastian H. P. Sah	<i>Phenomenology & Existentialism Philosophy of Science, Philosophy of Religion</i>
Professor	Asha Maudgil	<i>Philosophy of Mind, Philosophy of Language</i>
Associate Professor	Shivani Sharma	<i>Indian Philosophy, Aesthetics</i>
Assistant Professors	Lallan Singh Baghel (Chairperson)	<i>Socio and Political Philosophy, Philosophy of Mind</i>
	Pankaj Srivastava	<i>Philosophy of Religion</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M. A.	40	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admissions
M.Phil.	10	1 year (2 Semesters)	See General Important Guidelines.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Title of Syllabi :

M.A.

SEMESTER-I

Paper - 101 - PPS	:	Introduction to Philosophical Psychology	Paper - 103 - CIP	:	Classical Indian Philosophy (Indian Metaphysics)
Paper - 102 - WPH	:	Western Philosophy (History of Greek Philosophy)	Paper - 104 - LOG	:	Logic (Part - I)

SEMESTER-II

Paper - 201 - PPS	:	Philosophical Psychology (Debates in Philosophical Psychology)	Paper - 203 - CIP	:	Classical Indian Philosophy (Indian Epistemology)
Paper - 202 - WPH	:	Western Philosophy (Modern Western Philosophy)	Paper - 204 - LOG	:	Logic (Part - II)

SEMESTER-III

Compulsory

Paper - 301 - CWP	:	20th Century Western Philosophy (Philosophy of Language)	Paper - 302 - ETH	:	Ethics (Concepts and Theories in Ethics)
-------------------	---	--	-------------------	---	--

Optional (Any Two)

Paper - 303 - SPP	:	Social and Political Philosophy (Concepts and Theories in Social and Political Philosophy)	Paper - 306 - PHC	:	Philosophy of History & Culture (Philosophy of History)
Paper - 304 - POR	:	Philosophy of Religion (Part-I)	Paper - 307 - POS	:	Philosophy of Science
Paper - 305 - AES	:	Aesthetics : Indian & Western (Part - I)			

SEMESTER-IV

Compulsory

Paper - 401 - CWP	:	20th Century Western Philosophy (Existentialism, Phenomenology & Hermeneutics)	Paper - 402 - ETH	:	Ethics (Applied Moral Philosophy)
-------------------	---	--	-------------------	---	-----------------------------------

Optional (Any Two)

Paper - 403 - SPP	:	Social and Political Philosophy (Major Theories in Social and Political Philosophy)	Paper - 406 - PHC	:	Philosophy of History & Culture (Philosophy of Culture of Modern Indian Thoughts)
Paper - 404 - POR	:	Philosophy of Religion (Part - II)	Paper - 407 - POS	:	Philosophy of Science
Paper - 405 - AES	:	Aesthetics : Indian & Western (Part - II)			

Thrust Areas

Indian Philosophy, Ethics, Existentialism, Aesthetics, Social Philosophy and Phenomenology.

DEPARTMENT OF POLITICAL SCIENCE

About the Department

The Department is recognized internationally for its excellence in the areas of Indian Politics, International Relations and Geopolitics. Ranked highly in terms of research, teaching interface, the department is served by faculty of international repute. It has been designated by the UGC as a Department of Special Assistance. The Department has recently been upgraded from DSA II to DSA III for a period of five years beginning from April, 2009. The Department invites distinguished visiting scholars and holds workshops and conferences under this programme. In addition, the department also annually hold Shahid Bhagat Singh Memorial Lecture and Professor Pradeep Kumar Memorial Lecture. It has a vibrant Political Science Society, membership to which is compulsory for all the students.

The faculty has published extensively in the form of books, monographs, reports, articles, reviews, commentaries, perspectives and research papers in reputed journals. Some of the faculty members have also been on the editorial boards of reputed international journals.

Faculty

Particulars	Name	Field of Research Specialization
Prof. Emeritus	M.M.Puri	<i>International Relations/Geopolitics</i>
Prof. Re-employed Professors	Bhupinder Brar	<i>International Relations /Political Theory</i>
	Sanjay Chaturvedi	<i>International Relations/Geopolitics/Indian Ocean/Polar Regions</i>
	Ashutosh Kumar	<i>Indian Politics/State Politics in India</i>
	Ronki Ram	<i>International Relations/Dalit Politics</i>
	Pampa Mukherjee (Chairperson)	<i>Development Politics; Environment and Politics</i>
Associate Professors	Deepak K. Singh	<i>International Relations/Migration in South Asia</i>
	Navjot	<i>Political Thought/Dalit Politics</i>
Assistant Professor	Janaki Srinivasan	<i>Development Studies, Political Theory, Gender Studies</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	60	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admissions.
M.Phil.	15	1 year (2 Semesters)	See General Important Guidelines
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Title of Syllabi : (Detailed Syllabi already exists on the P.U. Website)

M.A.

Note : Each paper/course shall carry 4 credits/100 marks.

A semester shall have at least 60 hours of lectures and 15 hours of seminars in the papers included in the syllabus.

Course XVI : The candidates are required to offer any **one** of the following courses :

Option (a)	Feminist Political Theory	Option (d)	Contemporary Debates in 20th Century Marxism
Option (b)	Major themes in Recent Political Philosophy	Option (e)	Introducing Federalism
Option (c)	Readings in the Philosophy of Resistance and Liberation	Option (f)	Public International Law-II

M.Phil.

All papers are compulsory. The total credits for the M.Phil Programme is 24 credits.

SEMESTER-I

Paper I :	Philosophy of Social Science	4 credits	Papers III :	Reading and Writing	4 credits
Paper II :	Methods in Social Science	4 credits		in Social Sciences	

SEMESTER-II

Paper IV :	Seminar Paper	3 credits	Paper V :	Dissertation	9 credits
------------	---------------	-----------	-----------	--------------	-----------

Ph.D.

Ph.D. Course Work

Paper - I :	Research Methodology	Paper-III :	Journal Club
Paper-II :	Seminar Courses		

Submission of Thesis

Thrust Areas

Indian Politics, International Relations, Geopolitics.

DEPARTMENT OF PSYCHOLOGY

About the Department

The faculty members of the Department of Psychology have made a mark in the field of Psychology both at the National and International level. The faculty of the department is actively engaged in research in the main areas of Applied Psychology, Health Psychology, Positive Psychology, Sports Psychology, Stress related disorders, Mental Training and Excellence, Clinical Psychology, Child Psychopathology, Cognitive Psychology. The faculty has made valuable contributions as resource persons to several organizations like the Correctional Administration, Commonwealth Youth Programme, PEC, PSIPA, Police Training Colleges etc. Some of our faculty are also members of International bodies like International Society of Applied Psychology, International Society for Mental Training and Excellence. The department attracts highly meritorious national and international students for pursuing master's, diploma courses and Ph.D. courses. The department is also running a Student Counselling Centre.

Faculty :

Particulars	Name	Field of Research Specialization
Prof. Emeritus	Jitendra Mohan	<i>Applied Psychology: Sports Psychology, Positive Psychology & Health Psychology</i>
Professors	Anuradha Bhandari	<i>Child Psychopathology, Health Psychology, Life Span Developmental Psychology</i>
	Meena Sehgal	<i>Health Psychology, Organizational Behaviour, Positive Psychology</i>

Harpreet Kanwal Chhabra *Experimental Psychology, Cognitive Psychology*
(Chairperson)

Seema Vinayak

*Organizational Psychology, Media Psychology,
Clinical Psychology*

Assistant Professor

Roshan Lal

Social Psychology

M.A. (Psychology) is a two year course with Semester System of examination. The eligibility for admission to M.A. (Psychology) is B.A. (Psychology) with 3 year degree course.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	68 +9 NRI	2 years (4 Semesters)	i) A Bachelor's degree with psychology obtaining at least 45 per cent marks in the subject and 50% marks in aggregate for admission to Postgraduate Course ii) B.A. with Honours in the subject of Psychology Admission on merit basis
Post M.A. Diploma in Professional Counselling and Psychotherapy	23 +3NRI	1 year (2 Semesters)	M.A. Psychology with 55% marks Admission on merit basis
Post M.A. Diploma in Psychological Testing	23+3 NRI	1 year (2 Semesters)	M.A. Psychology with 55% marks Admission on merit basis (Not being offered in the current session)
Ph.D.	Subject to availability of seats	3-4 years	See General Important Guidelines

Title of Syllabi

M.A.

SEMESTER-I

- | | |
|--|---------------------------|
| 1. Theories and Systems-I | 4. Research Methodology-I |
| 2. Social Psychology-I | 5. Practicum |
| 3. Experimental and Cognitive Psychology-I | |

SEMESTER-II

- | | |
|---|----------------------------|
| 1. Theories and Systems-II | 4. Research Methodology-II |
| 2. Social Psychology-II | 5. Practicum |
| 3. Experimental and Cognitive Psychology-II | |

SEMESTER-III

- | | |
|--|---|
| 1. Organizational Psychology-I | 8. Sports Psychology-I |
| 2. Child Psychopathology - I | 9. Positive Psychology-I |
| 3. Life Span Developmental Psychology -I | 10. Health Psychology -I |
| 4. Clinical Psychology : Psychodiagnostics | 11. Media Psychology-I |
| 5. Clinical Disorders | 12. Behavioral Economics |
| 6. Counselling Psychology : Professional Foundation | 13. Research Methodology and Statistics - I |
| 7. Counselling Psychology : Approaches and Appraisal | 14. Practicum |

SEMESTER-IV

1. Organizational Psychology - II
2. Industrial Psychology
3. Clinical Psychology : Prevention and Intervention
4. Sports Psychology - II
5. Applied Counselling: Specialties in Practice of Counseling
6. Applied Counselling: Educational and Career Counseling
7. Life Span Developmental Psychology -II
8. Child Psychopathology -II
9. Health Psychology -II
10. Para Psychology
11. Positive Psychology-II
12. Media Psychology - II
13. Research Methodology and Statistics -II (Compulsory)
14. Practicum

Ph.D.

Faculty members are available for research for Ph.D. scholars in the fields of Applied Psychology, Health Psychology, Personality, Psychometrics, Child Psychopathology, Sports Psychology, Positive Psychology, Clinical Psychology, Organizational Behaviour.

There are two well equipped laboratories with modern recording and timing apparatuses and large number of tests for the measurement of personality, intelligence, aptitudes, attitudes and other phenomena.

Thrust Areas:

Pure and Applied Psychology: Health Psychology, Clinical Psychology, Personality, Counselling, Testing, Sports Psychology, Positive Psychology, Media Psychology and Cognitive Psychology.

DEPARTMENT OF PUBLIC ADMINISTRATION

About the Department

The Department of Public Administration, set up in 1961, has the distinction of being one of the first Public Administration Departments in the country. It has been actively engaged in quality teaching, research, training as well as consultancy in the applied fields of Public Administration.

The Department has excellent infrastructure for academic and research related activities. It has a well- equipped library, seminar room and computer laboratory with internet. The Department's Administrative Sciences Society organizes debates, educational tours and cultural activities.

The Department has produced more than 155 Ph.D.s; majority of the Ph.D. dissertations are survey-based focusing on the analysis and solutions of practical problems of administration in the Third World. The Department has also undertaken research projects and consultancies funded by prestigious agencies like Department for International Development (DFID), U.K.; Canadian International Development Agency, Commonwealth Youth Programme Asia and University Grants Commission.

The alumni of the Department are well placed academics and administrators. The Department has successfully conducted training programmes for civil servants, executives of public enterprises and other government officials, besides organizing refresher courses and seminars on various aspects of Public Administration from time to time.

Faculty

Particular	Name	Field of Research Specialization
Professors	B.S. Ghuman	<i>Economic Administration & Public Enterprise Management including privatization; Poverty and Sustainable Development; Research Methodology; Educational Administration; E-Governance; Decentralization Public Policy; Regulatory Administration.</i>

Assistant Professors	Ramanjit Kaur Johal	<i>Public Policy; Voluntary Sector Administration; Social Policy & Welfare Administration; Initiatives in Peoples' Participation; Management Information Systems and E-governance; Administrative and Office Management; Good Governance; Public Enterprise Management</i>
	Charanjeev Singh	<i>Financial Administration and Management; Local Government; Computer Applications; Public Enterprise Management; Poverty Alleviation Programmes (Urban & Rural)</i>
	Komal Singh	<i>Administrative Law; Administrative Theory; Development Administration; Local Government in India</i>
	Navreet Kaur (Chairperson) Bharati Garg	<i>Social Welfare Administration; Citizen Centric Governance; Financial Inclusion</i>
	Bhawna Gupta	<i>Educational Administration; Social Welfare Administration; Emerging Areas in Public Administration; NGOs; Public Policy; E-Governance; Local Governance</i>
		<i>Public Enterprise Management; E-Governance; Educational Administration; Economic Administration</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	60**+9 NRI	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admissions
M.Phil.	10+2 NRI+2***	1 year (2 Semesters)	See General Important Guidelines
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

The M.A. Programme in Public Administration (Semester System) has three main features:

1. It is job-oriented.
2. It is multi-disciplinary
3. The curriculum integrates theoretical and practical perspectives in the field of Public Administration. In Semester-I & II, the courses are common for all whereas in Semester-III & IV, students are given a choice of specializing in various functional areas of Public Administration. The sequence of courses has been scientifically planned in such a way that they constitute building-blocks for four groups of specialization. The specialized groups which are allocated in Semesters III & IV are as under:

Group A: Applied Development Administration (with special reference to India)

Group B: Economic Administration (with special reference to India)

Group C: Human Resource Management (with special reference to India)

Group D: Administrative Management (with special reference to India)

** Out of the total, 10 seats will be offered to the candidates who have studied related social sciences i.e. Economics, Political Science, Sociology, and Psychology at the graduation level. (Guidelines for admission to these seats are given below).

*** Reserved for the permanent teachers of affiliated colleges.

At least 10 seats are allocated to each group. The remaining seats are allocated to various groups in proportion to the number of applications in each group. The allocation to various groups is on the basis of merit-cum-preference. The groups for Semesters III & IV are allocated to the students by the Board of Control in Public Administration well before the commencement of Semester-III.

Eligibility for admission to M.A. Semester-I is given in general section of this Handbook. Depending on the availability of seats and the rules in force admission to M.A. Semester-III to candidates from the University School of Open Learning/affiliated Colleges of Panjab University may also be allowed by the Board of Control.

Guidelines for admission to M.A. (Public Administration) for the candidates who have studied the related Social Sciences i.e. Economics, Political Science, Sociology, and Psychology at the graduation level, for filling ten seats under this category.

The merit of the candidates admitted under this category shall be calculated by adding the marks secured in any of the four social sciences i.e. Economics, Political Science, Sociology, and Psychology in B.A. I, II & III to the aggregate score at the graduation level. Due weightage for Honours in the concerned social science subject shall also be given to the candidates while calculating merit to be admitted under this category also.

There shall be two merit lists: First, consisting of those candidates who did their B.A. with the subject of Public Administration.

The Second Merit List will be prepared for filling ten seats reserved exclusively for the candidates who have studied related social sciences i.e. Economics, Political Science, Sociology, and Psychology at the graduation level. The reservation rules will apply to this category also. In case there are vacant seats under this category, these seats on merit basis will be filled from the first merit list.

M.Phil. Programme

It is a two semester course. First semester consists of three papers. Two papers and a dissertation constitute the second semester.

Note : It has been decided by the Board of Control that 80% weightage is to be allocated to semester examination and 20% to written assignments and seminars in every paper.

Ph.D. Programme

The Department provides instructions and research guidance for a doctoral degree. Eligibility for admission to Ph.D. Programme in Public Administration is according to prescribed Panjab University rules and regulations.

Title of Syllabi

M.A.

SEMESTER-I

Papers

- | | | | |
|-----|-----------------------------------|----|-------------------------------------|
| I | - Administrative Theory | IV | -Public Personnel Administration |
| II | - Organisational Behaviour | V | -Indian Economic and Social Systems |
| III | - Public Financial Administration | | |

SEMESTER-II

Papers

I	- Administrative Thought	IV	- Administrative Law
II	- Research Methods	V	- Indian Political and Administrative Systems
III	- Public Policy and Administration		

SEMESTER-III

Note : Students of all the Groups have to take a total of 5 papers including the 3 compulsory papers.

Papers

I Development Administration (Compulsory for all groups)

Group A : Applied Development Administration (with special reference to India)

II	Social Policy and Welfare Administration (Compulsory)	V	Administration of Non-Government Organisations
III	People's Empowerment and Rural Governance (Compulsory)	VI	Public Health Policy and Administration
IV	Disaster Management	VII	Comparative Public Administration
		VIII	Dissertation (Note : Eligibility for this option is minimum 50% of the aggregate marks in M.A. Semester I & II)

Group B : Economic Administration (with special reference to India)

II	Economic Administration (Compulsory)	VI	Corporate Governance
III	Company and Cooperative Law (Compulsory)	VII	Comparative Public Administration
IV	Human Resource Management	VIII	Dissertation (Note : Eligibility for this option is minimum 50% of the aggregate marks in M.A. Semester I & II)
V	Financial Management		

Group C : Human Resource Management (with special reference to India)

II	Social Policy and Welfare Administration	VI	Corporate Governance
III	Labour Economics (Compulsory)	VII	Comparative Public Administration
IV	Human Resource Management (Compulsory)	VIII	Dissertation (Note : Eligibility for this option is minimum 50% of the aggregate marks in M.A. Semester I & II)
V	Administration of Non-Government Organisations		

Group D : Administrative Management (with special reference to India)

II	Administrative and Office Management (Compulsory)	VI	Corporate Governance
III	Management of Disciplinary Proceedings	VII	Comparative Public Administration
IV	Human Resource Management	VIII	Dissertation (Note : Eligibility for this option is minimum 50% of the aggregate marks in M.A. Semester I & II)
V	Administration of Non-Government Organisations (Compulsory)		

SEMESTER-IV

Note : Students of all the Groups have to take a total of 5 papers including the 3 compulsory papers.

Papers

I Emerging Areas in Public Administration (Compulsory for all groups)

Group A : Applied Development Administration (with special reference to India)

II	Education Policy and Administration (Compulsory)	IV	Police Administration
III	People's Empowerment and Urban Governance (Compulsory)	V	International Administration
		VI	Information Technology and Computer Applications in Public Administration
		VII	Ethics in Public Administration

Group B : Economic Administration (with special reference to India)

II	Public Enterprise Management (Compulsory)	V	Project Management (Compulsory)
III	Marketing Management	VI	Information Technology and Computer Applications in Public Administration
IV	Industrial Relations	VII	Ethics in Public Administration

Group C : Human Resource Management (with special reference to India)

II	Labour Laws (Compulsory)	V	Labour Policy and Administration
III	Organisational Psychology (Compulsory)	VI	Information Technology and Computer Applications in Public Administration
IV	Industrial Relations	VII	Ethics in Public Administration

Group D : Administrative Management (with special reference to India)

II	Techniques of Administrative Improvement (Compulsory)	V	Project Management
III	Organisational Psychology	VI	Information Technology and Computer Applications in Public Administration (Compulsory)
IV	Industrial Relations	VII	Ethics in Public Administration

Thrust Areas

The thrust areas in the subject of Public Administration are - Public Policy, Administrative Theory, Human Resource, Financial, Social and Economic Administration. Apart from these, the areas of research and teaching include Development Administration; Health, Education, and Public Enterprise Management and Computer Applications.

DEPARTMENT OF SOCIOLOGY

About the Department

The Department of Sociology, located in Arts Block IV, was established in 1960. Recognizing its academic and research excellence, the University Grants Commission awarded the status of Special Assistance Program to this department in 1977 which later was upgraded as Centre for Advanced Study.

The Department runs teaching and research programs at M.A., M. Phil. and Ph.D. levels. It offers a wide spectrum of specialized courses in order to equip students to pursue specializations in areas of their interest. Course curriculum, regularly updated and revised, has both academic as well as societal relevance and incorporates contemporary debates on social issues. Research Methodology is a stronghold of the department. At any given point of time about half a dozen research scholars from different countries pursue for their Ph.D. program in the Department

The Department has a long tradition of holding National and International seminars, workshops and symposia. For the last 51 years, 'Wednesday Seminar' has been its hallmark bringing together scholars, professionals and social activists interested in sociologically relevant issues as initiators of discussions.

Faculty besides teaching and research is much sought after for extension and guest lectures in various Universities and organizations. Apart from Research Projects of academic nature, the faculty members have also been involved in various Policy/Program Support Research Projects from time to time.

Faculty

Particular	Name	Field of Research Specialization
Professors Re-employed	Manjit Singh	<i>Political Economy of Labour, Political Sociology Stratification</i>
	Krishan Kumar Bansal	<i>Social Statistics, Queuing Systems and Social Problems</i>
Professors	Sherry Sabbarwal	<i>Development Studies, Entrepreneurship Behaviour, Women's Studies, Human Rights and Media & Culture</i>
	Kiran Preet Kaur	<i>Sociology of Organization, Industrial Sociology, Entrepreneurial Studies</i>
	Rajesh Gill	<i>Urban Studies, Research Methodology, Poverty and Slums, Gender Studies</i>
Associate Professor	Kumool Abbi (Chairperson)	<i>Cultural Studies, Gender Studies and Development Studies</i>
Assistant Professors	Rani Mehta	<i>Development Studies, Education and Population Studies</i>
	Moniva Sarkar	<i>Terrorism, Gender Issues</i>
	Vinod Kumar	<i>Environmental Crises and Development, Migration, Diaspora Urban Sociology, Population Studies and Women Studies</i>
	Sipra Sagrika	<i>Social Anthropology, Political Sociology, Cultural Sociology</i>

Courses Offered

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	68+9 NRI	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admissions.
M.Phil.	15	1 year (2 Semesters)	See General Important Guidelines.
Ph.D.	Subject to availability of seats	3-6 years	See General Important Guidelines.

Title of Syllabi**M.A.****SEMESTER-I**

Course No.	Title	Course No.	Title
SOC R 411	History of Social Thought	SOC R 413	Sociology of Development
SOC R 412	Sociology of Family and Gender	SOC R 414	Social Stratification : Concepts & Theories

SEMESTER-II

SOC R 425	Positivistic Sociological Theories	SOC O 921	Peasants and Rural Society in India
SOC R 426	Methodology of Social Research	SOC O 922	Organizational Theory and Behaviour
SOC O 521	Population and Society	SOC O 923	Basic Social Statistics
SOC O 621	Social Dimensions of Development		
SOC O 721	Sociology of Urban Settlements		
SOC O 821	Structural Moorings of Gender Oppression		

SEMESTER-III

SOC R 438	Interpretive Sociological Theories	SOC O 931	Sociology of Aging
SOC R 439	Methods & Techniques in Social Research	SOC O 932	Organizational Structure and Development
SOC O 532	Basic Methods in Population Studies	SOC O 933	Sociology of Deviance: Concepts and Theories
SOC O 632	Social Development in India	SOC O 934	Sociology of Crime
SOC O 633	Rural Development in India	SOC O 935/945	Dissertation (IIIrd and IVth Semesters)*
SOC O 732	Problems of Urban India		
SOC O 832	Family in Cross Cultural Perspective	SOC O 936	Advanced Social Statistics

SEMESTER-IV

SOC R 440	Perspectives on Indian Society	SOC O 844	Gender and Development
SOC O 543	Determinants and Consequences of Population Growth	SOC O 941	Fundamentals of Industrial Sociology
SOC O 544/744	Sociology of Human Migration	SOC O 942	Social Problems
SOC O 644	Environmental Crisis and Sustainable Development	SOC O 943	Political Sociology
SOC O 645	Entrepreneurship and Development	SOC O 944	Sociology of Marginalized Communities
SOC O 743	Cities, Urban Planning and Development	SOC O 945/935	Dissertation (IIIrd and IVth semesters)*
SOC O 843	Family Dynamics in Contemporary India	SOC O 946	Media and Culture

M. Phil.

Outlines of tests, syllabi and courses of reading in the subject of Sociology for M. Phil. Course as recommended by the Board of Control in Sociology.

SEMESTER-I

All papers are compulsory

Paper-I SO-701	: Contemporary Issues in Sociology	4 Credits
Paper-II SO-702	: Research Methodology	4 Credits
Paper-III SO-703	:	Seminar Course 2 Credits

SEMESTER-II

One paper shall be opted for

Paper-I (from SO-704-717)–4 Credits

The student may opt for one paper of her/his choice out of the one or more papers offered, based on the availability of the faculty. The paper will be of 100 marks with 75 marks for the theory paper and 25 marks for the internal assessment based on term paper/presentation and class performance.

* Note : Since the Semester system in M.A. Sociology is being introduced in colleges *Dissertation* SOC O 935/945 shall continue to be offered only in the Department and USOL. Its introduction in the colleges shall be subject to approval by concerned University authorities as per University norms.

The Dissertation (SOC O 935/945) will carry 8 credits (200 marks) and will spread over two Semesters, i.e. Semesters III and IV. Only those students who have scored 480 marks during the 1st year (1st and 2nd semesters), taking not more than a total of 32 credits, will be allowed to take up dissertation.

Paper No.	Title	Credit	Paper No.	Title	Credit
(Optional)					
SO 704	Education and Modernization	4	SO 711	Industrialization and Labor	4
SO 705	Sociology of the Underprivileged	4	SO 712	Law and Society in India	4
SO 706	Demographic and Health Transition in India	4	SO 713	Patterns of Urbanization in Developing Countries with special reference to Asia and Africa	4
SO 707	Political Sociology of the Peasantry	4	SO 714	Integration and Conflict in Plural Societies	4
SO 708	Development Studies & Globalization (with special reference to the Asian Development Experience)	4	SO 715	Social Policy and Gender Issues	4
SO 709	Communication and Development	4	SO 716	Family Demography	4
SO 710	Philosophical Foundations of Social Theory	4	SO 717	Sociology of Family Violence	4

NOTE : Papers for M.Phil. will be offered depending upon the availability of the faculty.

Paper-II SO-700 : Dissertation–10 Credits

The student shall prepare a dissertation under the supervision of a teacher appointed by the Board of Control in Sociology. She/he should also demonstrate the skills for the formulation of the research problem and the application of the tools of research. The marks for the dissertation will be 250 (200 marks for the dissertation and 50 for the viva voce examination).

Course work for Ph.D. in Sociology

INSTRUCTIONS

There will be three compulsory papers in the Course Work for Ph.D. in Sociology. Paper I & II will be of 100 marks each with 75 marks for the theory paper and 25 for the internal assessment. Paper III will also be of 100 marks with 40 marks for 2 assignments with presentations, 40 marks for 2 Book Reviews and 20 marks for preparation of a list of Readings.

Details of the three papers are as follows :

Paper I Contemporary Issues in Sociology–4 Credits

Paper II Research Methodology–4 Credits

Paper III Assignments/Readings/Presentations (Specific to the specialized area)–4 Credits

Thrust Areas

Sustainable Development (in the context of Globalization, Information, Communication and Technology)
Family and Gender Studies, Population, Health and Aging, Social Control and Deviance (with special reference to Activism, Terrorism and Cyber Crimes)

SCHOOL OF COMMUNICATION STUDIES

About the School

The School of Communication Studies at Panjab University is the oldest in South Asia, having started its innings in 1941 at the University of Punjab, Lahore. The founding father of the School was Professor PP Singh who studied journalism in the University of Missouri, Columbia, USA. The school prepares the students to perform a vital and challenging function of finding out the truth amid complicated situations, usually under a time constraint, and communicating it in a clear, engaging fashion to the public. The school also educates scholars of communications and journalism, and functions as a significant guiding force in journalism and inculcates in its students the habit of thinking of themselves as leaders for change and improvement in the profession.

The School strives to adapt to changes in the profession, to respond to new developments in the way news is delivered and to prepare students to work in different environments. The coursework and syllabi are regularly updated to be in tune with the latest industry trends. In over 70 years, the school has produced alumni who work not only in traditional journalism careers as reporters, editors and broadcasters, but also are public relations executives, media entrepreneurs, advertising professionals, Web publishers and journalism educators.

Our post graduate/degree programmes - PhD in Mass Communication, Master of Arts (Journalism and Mass Communications), PG Diploma in Hindi Journalism, PG Diploma in Punjabi Journalism, are intensive, rigorous and demanding. The quality, vitality and innovation of our programs remain unsurpassed, providing the foundation and opportunity for students not only to succeed, but to shape the future of journalism and mass communication. Our students availed internship in prestigious media organizations.

Our faculty is experienced, independent thinkers with a history of professional accomplishment who are deeply committed to teaching, challenging, and supporting their students. The part-time/visiting faculty of the School comprises of eminent, veteran and award-winning reporters, columnists, authors, magazine editors, documentary filmmakers, and digital media specialists.

The School of Communication Studies has been awarded with the prestigious Chanakya award, for the 'Business Communication School of the Year (National) 2011-2012', by the Global Conclave of Public Relations Council of India.

School of Communication Studies is committed to creating and supporting a community diverse in every way: race, ethnicity, geography, religion, academic and extracurricular interest, family circumstance, sexual orientation, socio-economic background and more. We offer a curriculum as pluralistic and polyphonic as India itself and a community of scholars who embody this commitment to diversity and who encourage discussion and debate.

91.2 MHz, Jyotirgamaya, the CRS (Community Radio Station) of the Panjab University is being run by the School of Communication Studies. It was inaugurated on 13th February, 2011 and is acting as a unifying agent amongst the university faculty, students and also the community. Having started its journey with just a half-an-hour broadcast per day, today the station proudly offers four broadcasts a day that include a total of nine programs running for over 10 hours.

The aim of setting up the CRS is to impart knowledge and information related to education, health, environment, social, cultural and local issues and announcements specific to the community, and to provide a platform for showcasing the talents and expertise of the local people in the vicinity of the CRS which comprises of 30 villages. The CRS also acts as a training ground for the community and also for the students of electronic media.

An Educational Multimedia Research Centre (EMMRC) is on its way to be set up in the School of Communication Studies. The foundation stone of the Centre was laid on 13th February, 2011. The EMMRC will be linked with the EMMRCs all over the country for making education more inclusive. The centre will also be able to produce socially relevant documentaries.

Faculty

Particulars	Name	Field of Research Specialization
Professors	Sanjay Wadwalkar	<i>Advertising & Communication</i>
	Archana R. Singh	<i>Media Management, History of Print Media, Print Media Journalism, Health Communication, New Media & Online Journalism</i>
Associate Professors	Jayanth N. Pethkar (Chairperson)	<i>Advertising & Public Relations</i>
	Mohanmeet Khosla	<i>Media Ethics & Laws, Feature Writing, Graphic Designing, Print Media, New Media & Computer Mediated Communication</i>
Assistant Professors	Sumedha Singh	<i>Development Communication, Print Media</i>
	Bhavneet Bhatti	<i>Advertising & Public Relations</i>

Part Time Faculty : Professional from various organizations including Print, Electronic Media, Public Relations & Advertising.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A. (Journalism & Mass Communication)	30+5 NRI	2 years (4 Semesters)	Bachelor's degree obtaining at least 45% marks in the subject of Journalism & Mass Communication Or Bachelor's degree in any subject attaining at least 50% marks in the aggregate. or B.A./B.Sc. with Honors in Journalism & Mass Communication Or Master Degree Examination in any subject of this University or any other University the Examination of which has been recognized as equivalent thereto. Admission based on P.U.-CET(P.G.)
P.G. Diploma in Advertising & Public Relations	15	1 year (2 Semesters)	Bachelor's degree from this University Or another recognized University. Admission based on Entrance Test at departmental level.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Title of Syllabi :**M.A.****SEMESTER-I**

Paper I	Introduction to Communication	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25	Paper IV	Radio & TV Communication-I	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25
Paper II	Basics of Print Journalism	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25	Paper V	Media Ethics & Laws	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25
Paper III	Growth & Development of Print and Broadcast Media	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25	Paper VI	Practicals	(100 Marks) 4 credits Student Reporter Tele News Board Broadcast Practicals Communication Theory Practicals Computer Applications

SEMESTER-II

Paper I	Communication Theory	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25	Paper IV	Radio & TV Communication-II	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25
Paper II	Print Journalism	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25	Paper V	Media Management	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25
Paper III	Editing and Design for Print Media	(100 Marks) 4 credits Theory Exam = 75 Internal Assessment = 25	Paper VI	Practicals	(100 Marks) 4 credits Student Reporter Tele News Board Broadcast Practicals Communication Theory Practicals Computer Applications

SEMESTER-III

Paper I	Advertising	(100 Marks) 4 credits Theory Exam = 80 Internal Assessment = 20	Paper IV	Interpretative Journalism	(100 Marks) 4 credits Theory Exam = 80 Internal Assessment = 20
Paper II	Public Relations	(100 Marks) 4 credits Theory Exam = 80 Internal Assessment = 20	Paper V	Development Communication	(100 Marks) 4 credits Theory Exam = 80 Internal Assessment = 20
Paper III	Media and Communication Research Methods	(100 Marks) 4 credits Theory Exam = 80 Internal Assessment = 20	Paper VI	Major Project Report Minor Project Reports/Position Papers 1 project/position paper in each of the 5 papers Computer Applications	(100 Marks) 4 credits 40 Marks 5x10=50 Marks 10 Marks

SEMESTER-IV

Compulsory papers

Paper I	Advertising	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10	Paper III	Media and Communication Research Practice	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10
Paper II	Public Relations	(50 Marks) 4 credits Theory Exam = 40 Internal Assessment = 10	Paper IV	Investigative Journalism	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10

Specialization/Optional Papers (any two options have to be taken)

Paper V	Advertising Copy Writing: Theories of Hopkins & Ogilvy or a two- credit paper from *allied disciplines.	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10	Paper IX	Inter-cultural Communication	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10
Paper VI	Corporate Communication or a two-credit paper from *allied disciplines.	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10	Paper X	Communication Skill	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10

Paper VII Computer Mediated Communication or a two-credit paper from *allied disciplines.	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10	Paper XI Dissertation	(100 Marks) 4 credits
		Continuous evaluation	25
Paper VIII Online Journalism or a two-credit paper from *allied disciplines.	(50 Marks) 2 credits Theory Exam = 40 Internal Assessment = 10	Summative evaluation Viva voce Internship	50 25 50 Marks 2 credits

Thrust Areas

Print Media, Broadcast Media, Advertising and Public Relations. Media Management and Communication Research Methods.

UNIVERSITY INSTITUTE OF EMERGING AREAS IN SOCIAL SCIENCES CENTRE FOR SOCIAL WORK

About the Centre

Social Work is the discipline of Natural Sciences; the Social Sciences too have been compelled to move from pure theoretical accumulation of knowledge towards its application, especially with an aim to minimize human misery and to promote the project of human development by developing appropriate strategies at the grass root level. Social Work is one such discipline that has evolved out of such a realization within the realm of social sciences that caters to the socially marginalized, poor, deprived and the disadvantaged groups through the experts trained for the purpose. Imparting training in Social Work has also been necessitated by the growing need for partnerships between the State, Civil society and the Non-governmental & private actors in an effort to bring all sections of society under the ambit of development.

The Panjab University has started Masters of Social Work (M.S.W.) degree programme that combines education, practice, and community service for preparing the postgraduates to work with individuals, families, groups, and communities in a variety of human service settings. The M.S.W. programme intends to instill in its students a commitment to improve social conditions and address social problems. The mission is that our students shall be the job creators and not only the job seekers.

Faculty:

Coordinator	:	Prof. Sherry Sabbarwal	
Assistant Professors	:	Gaurav Gaur	Monica Munjial Singh
Field Supervisor	:	Prashant Sharma	
Courses offered :		Master of Social Work (MSW)	Ph.D. (Social Work)

About the Course

The discipline of Social Work is catering to the socially marginalized, people in need deprived, poor and the disadvantaged groups. It is a Professional course providing inputs towards partnerships between the State, Civil society and the non-governmental & private sectors. This is in an effort to bring all sections of society under the ambit of development. The “mission” is that our students shall be the job creators and not only the job seekers.

The course has a heavy component of field work of two days in a week, thus providing an enormous exposure to students about the structure and functioning governmental, non-governmental organizations, institutes and communities in rural, urban and slum set ups.

JOB AVENUES

Students with Masters of Social Work

- (i) Project Officers, Programme Coordinators, Field-Officers, Counsellors in International, National Organization, NGOs, and Voluntary Organizations etc.
- (ii) Consultants in Government/International Agencies.
- (iii) Teaching in Institutions of Higher Education.
- (iv) Social Workers in the areas of Family Welfare, Child, Youth & Women Development, Slums and Urban Development and Community Health Elderly & person with disability etc.
- (v) Work Under CSR (Corporate Social, Responsibility)

SEATS: (i) Masters of Social Work

Total Intake = 34

Open = 30

NRI = 04

(ii) Ph.D. Programme

Seat: Subject to availability

(Reservation for SC/ST/OBC/Sports and any other quota as per University Rules)

(i) Masters of Social Work

PATTERN OF EXAMINATION

The Course will spread over four Semesters. There will be written examination after every semester.

MODEL OF EVALUATION

- (i) Written Examination after every Semester.
- (ii) Internal Assessment based on one Written Test, one Snap Test, Term paper and Attendance in each semester & class participations through presentations.
- (iii) Field Work: Reports of every Field visit/Summary reports (Viva voce at the end of semester), Rural Camp, Internship (Four weeks) & Block placement (Six weeks).

Eligibility Conditions

The Entrance Test is open to all such candidates who have any one of the following qualifications :

Bachelor's degree obtaining at least 50% marks in the any discipline from a recognized University/

Institute.

SEMESTER- III

SWP331	Working with families	SWP432	Indian Rural Communities and Change
SWP332	Aging and Social Work	SWP531	Social Demography
SWP431	Community Organization and Development	SWP532	Health and Development

* Concurrent Field Work/ Practicum

Optional papers will be offered subject to availability of the faculty

SEMESTER- IV

SWP343	Child and Youth Development	SWP444	Poverty, Slums and Urban Development
SWP344	Statistics in Social Work	SWP543	Persons with Disability and Social Work
SWP443	Community Participation in Urban Management	SWP544	Community Health

• Concurrent Field Work/Practicum

Optional papers will be offered subject to availability of the faculty

- Rural Camp (One Week)
- Internship (Four Weeks after 2nd Semester)
- Block Placement (Six Weeks after 4th Semester)

(ii) Doctor of Philosophy

The Centre provides instructions and research guidance for a Doctoral degree in Social Work. Eligibility for admission to Ph.D. programme is according to prescribed Panjab University rules and regulations.

CENTRE FOR POLICE ADMINISTRATION

About the Centre

The Course on Police Administration was started in the Centre for Emerging Area in Social Science, Panjab University from the Academic Session 2007-08 and was upgraded to the status of an independent Centre for Police Administration as part of the University Institute of Emerging Areas in Social Science (UIEASS) in 2010.

The Programmes in Police Administration have been conceived with a view to : (i) provide quality human resources with relevant knowledge on Police issues; (ii) fulfill the ever increasing requirement of security agencies; (iii) undertake research on various aspects of policing for generating knowledge and suggesting improvements to Police establishments; (iv) conduct Training Programme for the Police Personnel to sensitize them about the recent developments and upgrade their skills for improving their productivity; and (v) act as a bridge between Police and people for improving the image of Police among the citizens.

Faculty

Particular	Name	Field of Research Specialization
Professor	Anil Monga (Coordinator)	<i>New Public Management; E-Governance; Research Methodology; and Police Administration</i>
Assistant Professors	Akshat Mehta	<i>Police Administration; Correctional Administration; Criminology; and Regulatory Governance</i>
	Kuldeep Singh	<i>E-Governance; Police Personnel Administration; Research Methodology; Criminology; Organization Behaviour; and Indian Political Administration.</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	Total Intake = 46 Open = 30 *Reserved for nominated/ in-service police personnel = 10 NRI = 06 *(If the seats reserved for Nominated/in-service police personnel remain vacant due to one reason or the other, the same would be converted into general category as per rules).	2 years (4 Semesters)	The candidates seeking admission to M.A. in Police Administration shall possess : (i) Bachelor's degree in any discipline/ faculty with at least 50% marks. OR (ii) Mater's degree in any discipline/ faculty with at least 50% marks. Nominated/In-Service candidates should be a regular employee of the Police Department/Paramilitary forces etc. and possessing the qualifications as mentioned above. Other eligibility conditions shall be as per P.U. Rules and Regulations.
M.Phil.	Total Intake = 10 General = 06 *Reserved for nominated/ in-service Police Personnel = 04 *(If the seats reserved for Nominated/in-service police personnel remain vacant due to one reason or the other, the same would be converted into general category as per rules).	1 year (2 Semesters)	The candidates seeking admission to M.Phil. in Police Administration shall possess Master's Degree in the first or second class from Panjab University or from any other University (approved by the Academic Council) in anyone of the following subjects : (i) Police Administration Or (ii) Public Administration, Law, Forensic Science, Criminology, Political Science, Psychology, Sociology, Economics, Human Rights, Social Work and Women Studies Or (iii) Any subject other than those mentioned in (i) and (ii) above provided that the candidate has not less than 5 years work experience in police agencies Nominated/In-Service candidates should be a regular employee of the Police Department/ Paramilitary forces etc. and possessing the qualifications as mentioned above at (i), (ii) & (iii) above Admission will be on the basis of Entrance Test conducted by the Panjab University

*Nominated/In-service Police Personnel need not appear in entrance test. Their merit will be calculated on the basis of qualifying examination as per P.U. rules.

Ph.D. Subject to availability 3-5 years
of seats

A candidate for Doctor of Philosophy in Police Administration should have obtained Master's degree in the first or second class from Panjab University or from any other University (approved by the Academic Council) in anyone of the following subjects :

(i) Police Administration

Or

(ii) Public Administration, Law, Forensic Science, Criminology, Political Science, Psychology, Sociology, Economics, Human Rights, Social Work and Women Studies

Or

(iii) Any subject other than those mentioned in (i) and (ii) above provided that the candidate has not less than 5 years work experience in police agencies

The candidate should have passed the entrance test in Police Administration for Ph.D. conducted by the Panjab University

Other eligibility conditions shall be as per P.U. rules and regulations.

After qualifying for admission the candidates shall have to complete the Ph.D. Course work in accordance with the UGC and P.U. prescribed rules. The duration of the course work shall be one semester.

Mode of Admission to M.A.

Admission to M.A. Police Administration will be through Qualifying Examination and Entrance Test* to be conducted at Departmental level. Candidates satisfying the eligibility requirement will be assessed for selection through the following selection procedure :

A. Qualifying examination (50% weightage)

B. Entrance test (50% weightage)

A. Qualifying examination

(i) The candidate's merit list will be prepared by normalizing the total marks obtained in graduation (B.A./B.Sc./B.Com. etc.) out of 50.

It is to be illustrated as under :

If a candidate has obtained 1200 out of 2400 (Grand Total) his/her marks would be

$$1200/2400 \times 50 = 25$$

(ii) Weightage

(a) Students with Police Administration as one of the subjects at the graduation level-5%

(b) Students with honours in Police Administration-15%

All other weightages shall be as per P.U. rules

B. Entrance Test

The entrance test will comprise of :

- (i) Written Test : 30% weightage
- (ii) Personal Interview : 20% weightage

All candidates are required to secure minimum of 50 marks in the Entrance Test (i.e. written test and Personal Interview) to qualify for admission. The written test will be of 60 multiple choice questions of 60 marks. The duration of the test will be of one hour. The medium of examination will be English, Hindi and Punjabi. The Personal Interview will be of 40 marks. The Entrance test will be designed to assess the aptitude of the candidates for Police Administration.

Title of Syllabi :

M.A.

SEMESTER - I

Paper I - Police Administration	Paper IV - Police Procedures and Investigation Techniques
Paper II - Theory of Public Administration	
Paper III - Organization Behaviour and Police Administration	

SEMESTER - II

Note :- The candidates have to select **four** out of the following options :

Paper I - Correctional Administration	Paper IV - Sociology and Police Administration
Paper II - Criminology	Paper V - Police Psychology
Paper III - Research Methodology	

SEMESTER - III

Paper I - Law and Police Administration – I	Paper III - Forensic Science and Police Administration
Paper II - Police Personnel Administration	Paper IV - Project Report or Terrorism

SEMESTER - IV

Note : The candidates have to select **four** out of the following options :

Paper I - Law and Police Administration – II	Paper IV - Indian Political and Administrative Systems
Paper II - Forensic Medicine and Police Administration	Paper V - Private Security Management
Paper III - International Law and Police Administration	

M.Phil.

SEMESTER-I

Note : Paper I, II & III are Compulsory. The candidate can select any **one** out of the three options as Paper IV.

Paper I : Philosophical Foundations of Police Administration	Paper IV : (i) Criminology Or
Paper II : Emerging Dimensions of Police Administration in India	(ii) Correctional Administration Or
Paper III : Research Methodology in Police Administration	(iii) Laws Related with Police Administration

SEMESTER-II

Note : All the Papers are Compulsory

Paper I : Computer Applications and Police Administration	Paper II : Dissertation
---	-------------------------

Ph.D.

Paper I : Research Methodology	Paper III : Criminology
Paper II : Police Administration in India	

Thrust Areas of Teaching and Research :

Thrust Areas of Teaching and Research of the Centre for Police Administration are Police Administration; Crime in India and its Various Forms; Stress Amongst Police Personnel; Correctional Administration; Juvenile Delinquency; Police Reforms; Traffic Management; Training of Police Personnel; Police-Public Interface; Law and Police Administration; and Forensic Science.

CENTRE FOR HUMAN RIGHTS AND DUTIES MOU with Nottingham Trent University (Since December, 2015)

About the Centre

The Centre for Human Rights and Duties imparts human rights education as an independent and integrated social science discipline. It is dedicated to the national mission to generate wide spread understanding and awareness about human rights issues and assign due credence to duties by organizing seminars, workshops, conferences, distinguished lecture series, civil societies engagement and outreach programmes.

The Centre supplements formal instructional mode with field based exposure visits to grass roots locations. It also facilitate students internship with the Punjab State Human Rights Commission and the National Human Rights Commission with some of the students having interned at both the Commissions and some having attended the study programme at International Institute of Human Rights, Strasbourg, France, University of Fraser Valley, Canada and Human Rights Commission, Nepal. UGC Fellowship holders and UGC NET qualified candidates of the Centre pursue doctoral research on contemporary issues.

Human rights education at the Centre helps building empathetic, vigilant and responsible citizenry and capacitates students to pursue career avenues in governmental, non-governmental corporate and developmental journalism sectors.

Faculty

Particulars	Name	Field of Research Specialization
Professor	Swarnjit Kaur (Coordinator)	<i>Globalization and Human Rights</i>
Assistant Professors	Namita Gupta Upneet Kaur Mangat	<i>Environment & Human Rights</i> <i>Gender & Human Rights</i>

Courses Offered :

COURSES	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	35+4 NRI	2 years (4 Semesters)	(i) Bachelors' degree obtaining 50% marks in any of the Social Science disciplines from any recognized university. OR (ii) Bachelors' degree in any discipline/faculty with at least 55% marks OR (iii) Masters' degree with 50% marks in any of the Social Science disciplines Other eligibility conditions shall be as per P.U. Rules and Regulations.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Mode of Admission for M.A. :

- | | |
|---------------------------|-----------------|
| A. Qualifying examination | (50% weightage) |
| B. Entrance test | (50% weightage) |

Entrance test will comprise of :

- | | |
|-----------------------|-----------------|
| 1. Written Test | (30% weightage) |
| 2. Group discussion | (10% weightage) |
| 3. Personal interview | (10% weightage) |

A. Qualifying examination

The candidate's merit list will be prepared by normalizing the total marks obtained in graduation (B.A./B.Sc./B.Com. etc.) out of 50.

It is to be illustrated as under :

If a candidate has obtained 1200 (marks obtained) out of 2400 (Grand Total) his/ her marks would be

$$1200/2400 \times 50 = 25$$

B. Entrance Test

All candidates are required to secure minimum of 35% marks in the Entrance Test (i.e. written test, Group Discussion and Personal Interview) to qualify for admission. The written test will be of 50 multiple choice questions. The duration of the test will be of 40 minutes. The medium of examination will be English only. The Entrance test will be designed to assess the aptitude of the candidates for the Human Rights and Duties.

Title of Syllabi :

M.A.

SEMESTER-I

Core Paper 1	Historical, Theoretical and Philosophical Perspectives on Human Rights	Core Paper 3	Human Rights Issues in India
Core Paper 2	Human Rights and Duties in India	Core Paper 4	Research Methods

SEMESTER-II

Core Paper 5	Development, Globalization and Human Rights	Core Paper 7	Environment : Human Rights and Duties
Core Paper 6	Human Rights and Duties : Women and Children	Core Paper 8	Project Report based on Fieldwork

SEMESTER-III

Core Paper 9	Science and Technology, Human Rights and Duties
Core Paper 10	Human Rights and Duties for the Aged and the Differently abled
Core Paper 11/15	Fieldwork Based Dissertation*
Core Paper 12	The candidate has to opt for any ONE of the following optional papers :
	Optional Paper 1 (a) Labour Welfare, Human Rights and Duties
	Optional Paper 1 (b) International Humanitarian and Refugee Laws
	Optional Paper 1 (c) Disadvantaged Sections/Groups and Human Rights & Duties

SEMESTER-IV

Core Paper 13	Civil Society, Social Movements and Human Rights and Duties in India	Core Paper 14	Human Rights and Criminal Justice System
		Core Paper 15/11	Fieldwork Based Dissertation*

Core Paper 16 The candidate has to opt for any ONE of the following optional papers:

- Optional Paper II (a) Minorities, Human Rights and Duties
- Optional Paper II (b) Rights of Displaced People and their Rehabilitation
- Optional Paper II (c) Peoples' Right to Self-Determination

*The students shall be required to write a dissertation on any aspect of human rights and duties problem/situation. He/She shall visit the problem area(s) and study the situation, causes and solutions, people's responses and his/her own experiences of human rights violations, if any. He/she shall study the relevant literature and write a report on the approved topic with the help of theoretical discussions on research methodology.

Field Work based dissertation will spread over Semesters III & IV and carry 200 marks. Out of 200 marks, dissertation will be of 160 marks and viva-voce examination will be of 40 marks. The viva-voce examination in the dissertation shall be held after the written examination of Semester IV and the students shall have to submit the dissertation by the end of month of March on the date specified by the department.

Ph.D. Coursework Curriculum

Paper 1	Research Methodology	Paper 3	Human Rights & Duties : Indian
Paper 2	Concepts, Approaches and Legal Foundations of Human Rights		Panorama

Thrust Areas : Rights based approach to development; Participative and Inclusive Democracy; Good Governance and Human Rights cutting across multiple socio-cultural & politico-economic issues.

DEPARTMENT-CUM-CENTRE FOR WOMEN'S STUDIES AND DEVELOPMENT

About the Department-cum-Centre

The Department-cum-Centre for Women's Studies and Development was originally set up as a Centre for Women's Studies and Development in 1987 with Prof. Pam Rajput as its Founding Director. It was one of the first Five Centres set up by the University Grants Commission in 1987. On the basis of its excellent performance, it was one of the six Centres placed in Phase III by the UGC.

The Department seeks both to interpret Women's experiences as well as to change Women's condition, through a transformation of consciousness, social forms and modes of action. It visualizes itself as a catalyst to transform an unjust, inequalitarian society into one where gender justice and equality would be the norm.

The aim is to create and maintain a teaching/learning environment for feminist and gender studies, and provide an impetus for sustaining a research community that contributes to the development of women's and gender scholarship within the two-thirds world/Indian context. The trine objectives are to create awareness, to intellectually equip students and to empower all. Teaching, Training, Research, Extension, Dissemination, and Advocacy are the core activities. It serves as a resource and nodal Centre for the region and true to its mandate, has developed as a strong academic Centre of teaching and learning, generating new thinking and knowledge on feminist theory and initiating courses in women's studies.

The Department-cum-Centre has taken a lead in the region in introducing the formal degree programmes in Women's Studies. The programmes offered at present are :

- M.A. in Women's Studies
- Ph.D. Programme in Women's Studies

What will this discipline get you ? It will help in getting jobs in the fields of Government in Development Sector, World Bank Projects, United Nations Agencies, Human Rights Agencies, Multinational Companies, NGOs, Welfare Organisations... and many more. International NGOs, such as Oxfam, specialised agencies of the UN, Voluntary organisations such as The Hunger Project, require gender specialisation along with skills in making proposals, monitoring, evaluation and reporting as well as understanding of development issues in the region. The Department cum Centre, through its teaching programme not only sensitises the students to gender issues and attempts to ensure a commitment to the empowerment of women but also provides training in all the above skills through its curricula. The emphasis is on practical skill training in Project formulation, designing, monitoring, budget formulation and analysis and research training normally given in Research degree courses such as M.Phil. Most significantly, the course is multidisciplinary, which stands the students in good stead in any field of activity which they may decide to pursue, whether development, law, human rights or planning.

Faculty

Particular	Name	Field of Research Specialization
Professor Emeritus	Pam Rajput	<i>Women & Politics, Women's Human Rights, Women & Development, Women & Law</i>
Professor	Manvinder Kaur	(i) <i>Women and Culture</i> (ii) <i>Feminist Theory</i> (iii) <i>Women and Development/Human Rights</i>
Assistant Professors	Ameer Sultana (Chairperson)	(i) <i>Women's Movement</i> (ii) <i>Women and Health</i> (iii) <i>Violence against Women</i> (iv) <i>Women and Politics</i>
	Rajesh Kumar Chander	(i) <i>Feminist Research Methodology</i> (ii) <i>Women and Entrepreneurship</i> (iii) <i>Dalit Studies</i> (iv) <i>Dalit Women</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	30+2NRI	2 years (4 Semesters)	A person who possesses one of the following qualifications shall be eligible to join– (i) Bachelor' degree in any Faculty with at least 50% marks in the aggregate; (ii) B.A. (Pass) with at least 45% marks in Women's/ Gender Studies or Public Administration or Political Science or History or Economics or Sociology or Psychology or Gandhian Studies or Geography or Philosophy. The candidates with these subjects be given preference in admission.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Title of Syllabi :

MA.

SEMESTER I

Paper I	Conceptualising Women's Studies	Paper III	Feminist Theory
Paper II	Women's Movement in India	Paper IV	Fundamentals of Social Research

SEMESTER II

Compulsory Papers

Paper I	Feminism : An Indian Perspective	Paper IV	Optional Paper
Paper II	Emerging Trends in Research Methodology		(i) Field Project
			OR
Paper III	United Nations and Women's Issues		(ii) Women and Environment

SEMESTER III

Compulsory Papers

Paper	I	Women and Law-I
Paper	II	Women and Development
Paper	III	Women and Human Rights

Paper IV **Optional Papers**

(Candidate will be required to opt for one paper out of the courses offered)

- Option (i) Women and Management
- Option (ii) Women and Entrepreneurship
- Option (iii) Training in Practical Skills
- Option (iv) Women, Science and Technology

SEMESTER IV

Compulsory Papers

Paper	I	Women and Politics
Paper	II	Women and Law-II

Paper III & IV **Optional Papers**

(Candidate will be required to opt for two papers out of the courses offered)

- (i) Women and Work
- (ii) Women and Health
- (iii) Women and Media

OR

Dissertation in lieu of two papers

Thrust Areas : In an era of Globalization, inter-disciplinary courses are the need of the hour and Women Studies course is trying to meet the need. Moreover by introducing inter-disciplinary courses emerging methodologies of teaching like field-based courses are being introduced so that students develop gender responsive approach toward society. Emerging challenges like gender based violence and commodification of women, portrayal of women in media and literature are also dealt with.

II. FACULTY OF BUSINESS MANAGEMENT AND COMMERCE

UNIVERSITY BUSINESS SCHOOL

About the School

University Business School (Formerly Department of Commerce and Business Management) was established in 1962 and has been imparting quality management education to develop dedicated, innovative and effective managers, researchers and teachers for more than 50 years. In 1995, the Department of Commerce and Business Management was renamed as University Business School by the Panjab University in recognition of its completeness and maturity with a view to giving it a distinct identity.

The concept of a School symbolises a School of Thought. The philosophy of Management Education at University Business School is built on an integrative value system. It is motivated by duty bound work ethics, humane approach and scientific temper. Modern attitude, practical wisdom, knowledge and skills, relevant for management are deeply ingrained in the students. The philosophy of the School is translated into mission of creating wholesome personality of human beings with a view to produce effective and efficient managers, researchers and teachers.

The School uses rigorous multi-faceted pedagogy approach with an effective interface with the industry to translate the mission into action. It creates opportunities for its students to enhance their understanding of economic, social and political environment to enlarge their ability not only to adjust to change but to become catalyst; and to develop their power to conceptualise, decide and communicate. The School, through its integrative approach, inculcates human values in addition to managerial attitude, knowledge and skill.

The thrust of M.B.A. is on producing managers for different functional areas; M.B.A. (IB) for International Business and M.B.A. (HR) for Human Resource Management.

M.Com. (Hons.) aims at producing Commerce Professionals and Teachers. Ph.D. aims at producing researchers in Management and Commerce.

The School also runs MBA for Executive (MBAfEX) programme for the serving professional in and around Chandigarh for sharpening their managerial skill.

Achievements and Programmes

The faculty of University Business School trained in India and abroad, has earned international recognition in the industry and academia. The students produced by the School have made a mark in the world of management, research and teaching all over the world. University Business School has been recognized by University Grants Commission under Special Assistance Programme for the following thrust areas: Supply Chain Management and International Comparative Management, Social Responsibility and Human Resource Accounting, Investment Decision-making and Innovating Financing.

The School has been identified by University Grants Commission and All India Council for Technical Education for organizing Refresher Courses, Training Programmes and Induction programmes in Management for University and College teachers. Management development, consultancy and research in all the areas of management is given high priority at the School.

Faculty

Particular	Name	Field of Research Specialization
Prof. Emeritus	T.N. Kapoor (Ex. Vice-Chancellor, P.U., Chd.)	(i) <i>Organisational Behaviour</i> ; (ii) <i>Strategic Mgmt.</i> (iii) <i>General Mgmt.</i>
Professors	Dinesh K. Gupta	(i) <i>Finance & Accounting</i> ; (ii) <i>General Management</i> ; (iii) <i>Human Resource Management</i>
	Meenakshi Malhotra	(i) <i>Human Resource Management/O.B./I.R.</i> ; (ii) <i>General Management</i>
	A.K. Vashisht	(i) <i>Finance & Accounting/Banking</i> ; (ii) <i>General Management</i>
	S.K. Chadha (Chairperson)	(i) <i>Marketing</i> ; (ii) <i>International Business</i>
	Manoj K. Sharma	(i) <i>Business Economics</i> ; (ii) <i>Human Resource Management</i>
	Smriti Sood	(i) <i>Marketing</i> ; (ii) <i>General Management</i> ; (iii) <i>Quant. OR Stat. and R.M./OM</i>
	Anupam Bawa	(i) <i>Marketing</i> ; (ii) <i>General Management</i>
	Deepak Kapur	(i) <i>Marketing</i> ; (ii) <i>General Management</i>
	B.B. Goyal	(i) <i>Marketing</i> ; (ii) <i>General Management</i>
	Karamjeet Singh	(i) <i>Finance & Accounting / Banking</i> ; (ii) <i>General Management</i>
	Parmjit Kaur	(i) <i>Finance & Accounting/Banking</i> ; (ii) <i>General Management</i>
	Meena Sharma	(i) <i>Finance & Accounting/Banking</i> ; (ii) <i>General Management</i>
	Sanjay Kaushik	(i) <i>Human Resource Management/ O.B./I.R.</i> ; (ii) <i>General Management</i> (iii) <i>Banking</i>
	Suveera Gill	(i) <i>Finance & Accounting/Banking</i> ; (ii) <i>General Management</i>
Gunmala Suri	(i) <i>General Management</i> ; (ii) <i>Quant. OR, Stat. and R.M./OM</i> ; (iii) <i>Information Technology and E.Commerce/ Knowledge Management</i>	
Associate Professors	Navdeep Kaur	(i) <i>General Management</i> ; (ii) <i>International Business</i>
	Luxmi	(i) <i>Human Resource Management/O.B./I.R.</i> ; (ii) <i>General Management</i>
Assistant Professors	Purva Kansal	(i) <i>Marketing</i> ; (ii) <i>General Management</i>
	Monica Bedi	(i) <i>Marketing</i> ; (ii) <i>International Business</i>
	Tejinderpal Singh	(i) <i>Marketing</i> ; (ii) <i>E.Commerce</i>
	Vaneeta Aggarwal	(i) <i>Human Resource Management</i>
	Rupinder Bir Kaur	(i) <i>Human Resource Mgmt.</i> ; (ii) <i>General Management</i>
	Tilak Raj	(i) <i>Business Economics</i> ; (ii) <i>General Management</i>
	Neha Gulati	(i) <i>Computer</i> ; (ii) <i>General Management</i>
	Kulwinder Singh	(i) <i>Business Economics</i> ; (ii) <i>General Management</i>
	Pooja Soni	(i) <i>Statistics</i> (ii) <i>Operation Research</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Master of Business Administration MBA	64+9*+1**	2 years (4 Semesters)	Admission Criteria : The admission to MBA, MBA (IB) and MBA (HR) at UBS, PU, Chandigarh is based on the basis of National level written test through CAT conducted by IIMs, Weightage of the score is as under :- CAT Score (85% weightage) Group Discussion (7.5% weightage) and Personal Interview (7.5% weightage). The candidates will be called for Group Discussion and Personal Interview on the basis of their score in the CAT subject to the condition that they secure a minimum 10% score (5% in case of SC/ST/BC candidates) in each component of CAT.
Master of Business Administration (International Business) (MBA-IB)	30+4*+3**	2 years ((4 Semesters)	Some seats are reserved for Foreign/NRI candidates. The eligibility condition remaining same as for other categories of candidates. Foreign/NRI candidates not residing in India and thereby unable to avail of the above admission process will be required to submit valid score of GMAT, which will be treated at par with the combined score of Written Test (CAT) conducted by IIM, Group Discussion and personal interview conducted by University Business School, Panjab University, Chandigarh.
Master of Business Administration (Human Resource) (MBA-HR)	30+4*+3**	2 years (4 Semesters)	

Eligibility : (M.B.A., M.B.A. - IB & M.B.A. - HR)

The minimum qualifications for admission to the first semester of these courses are :

- (i) A Bachelor's Degree in any discipline of the University or a degree of any other University which has been recognized by the Syndicate as equivalent thereto with not less than 50% marks in the aggregate.

Provided that in the case of candidates having Bachelor's degree of the University through Modern Indian Languages [Hindi/Urdu/Punjabi (Gurmukhi script)] and/or in a Classical Language (Sanskrit/Persian/Arabic) or degree of any other University obtained in the same manner recognised by the Syndicate, 50% marks in the aggregate shall be calculated by taking into account full percentage of marks in all the papers in Language excluding the additional optional paper, English and the elective subject taken together.

OR

- (ii) A pass in the final examination conducted by the
- Institute of Chartered Accountants of India or England, or
 - Institute of Cost and Works Accountants of India or England or
 - Institute of Company Secretaries of India.

OR

- (iii) AMIE Examination with 50% marks or more after having passed the diploma examination with 60% marks or above and have at least 5 years research/teaching or professional experience.

*Seats reserved for Foreign/NRI Candidates.

**Seats reserved for Defence Sponsored Officers (Sponsored by DGMT, New Delhi).

MBAFEX 30 2 years (4 Semesters)

Admission Criteria :

The admission will be made on the basis of the Entrance Test (85% weightage) to be conducted by the Panjab University, Group Discussion (7.5% weightage) and Personal Interview (7.5% weightage).

Eligibility Conditions:

The minimum qualification for admission to the first semester of the course shall be-

(i) A Bachelor's or Master's Degree in any discipline with not less than 50% marks in the aggregate or any other examination with 50% marks recognized by the University as equivalent thereto;

OR

A pass in the final examination conducted by the Institute of Chartered Accountants of India or England/Institute of Cost Accountants of India or Chartered Institute of Management Accountants of England/ Institute of Company Secretaries of India;

OR

Diploma in Personnel Management and Labour Welfare or Diploma in Marketing Management with not less than 60% marks in the aggregate, provided the candidate holds a Bachelor's degree.

(ii) Two years whole time executive experience in a commercial or industrial establishment after having passed the qualifying examination as given above. Members of All India or State Administrative/ Technical Services and Defence Personnel holding administrative positions with not less than two years of executive experience will also be eligible. Organizational sponsorship is essential.

M.Com. (Hons.) 27 2 years
(4 Semesters)

Admission Criteria :

The admission will be made on the basis of the Entrance Test P.U.-CET- (P.G.) (85% weightage), Group Discussion (7.5% weightage) and Personal Interview (7.5% weightage).

Eligibility :

- (a) B.Com./B.Com. (Hons.)/BBA with not less than 45% marks in the aggregate; OR
- (b) B.Com. (Hons.) degree with not less than 45% marks in the aggregate; OR
- (c) A Graduate with Honours in Economics or Mathematics or Statistics or Commerce with not less than 45% marks in the aggregate; OR
- (d) A Graduate with 50% marks in the aggregate having offered Economics, Mathematics, Statistics, Commerce, Computer Application, Information Technology or Computer Science as a subject in the examination. Provided that in case of candidates having Bachelors degree of the University through Modern Indian Languages [Hindi/Urdu/Punjabi (Gurmukhi Script)] and /or in a classical language (Sanskrit/Persian/ Arabic) or degree of any other University obtained in the same manner recognized by the Syndicate; 50% marks in the aggregate shall be calculated by taking into account full percentage of marks in all the papers in Language excluding the additional optional papers, English and Elective subject taken together. OR
- (e) A pass in the final examination conducted by the Institute of Chartered Accountants of India or England/Institute of Cost and Works Accountants of India or England/ Institute of Company Secretaries of India; OR
- (f) Any other qualification recognized by the Syndicate for this purpose.

Ph.D.

Eligibility :

1.1. The enrolment to the Doctor of Philosophy in the Faculty of Business Management & Commerce shall be open to a candidate who has obtained Master's degree with not less than 55% marks in the aggregate from the Panjab University or from any other University (approved by the Academic Council) in any one of the following subjects :-

- (i) Commerce or Management OR
- (ii) Economics, Mathematics, Statistics, Sociology, Psychology, Public Administration, Operations Research, Social Work, Engineering & Laws. OR
- (iii) Any subject other than those mentioned in (i) & (ii) above provided that the candidate has either not less than 5 years work experience at the managerial (including administrative service) level, or is a member of the Faculty in the University Business School, Panjab University, with not less than 5 years experience of teaching Postgraduate classes.
- (iv) MFC

(Provided further that candidates with qualifications mentioned in (ii) & (iii) above shall be eligible for enrolment only) if the area of research relates to the faculty of Business Management & Commerce. The following categories of candidates who are graduates and have either a minimum of 5 years standing in the profession (Practice or Service), or 5 years experience of teaching Post-graduate classes, shall be eligible for enrolment OR

- (a) A member (Associate or Fellow) of the Institute of Chartered Accountants of India.
- (b) A member (Associate or Fellow) of the Institute of Cost & Works Accountants of India.
- (c) A member (Associate or Fellow) of the Institute of Company Secretaries of India.

The normal duration of Ph.D. course shall be three academic years. It shall consist of prescribed courses and thesis. For candidates who are admitted under Regulation I.I (i) &

(ii), the course will be spread over two semesters. For others, the duration of the prescribed course work shall be three semesters.

A candidate enrolled for Ph.D. shall pursue his research work in the University Business School. However, the Research Board may permit a candidate, after allocation of the subject of thesis and the appointment of supervisor, to pursue the research work at an approved centre. If the supervisor is not satisfied with the progress of the candidate, who is permitted to continue his research work at an approved centre, the supervisor may require the candidate to continue further work in the School.

Note : Detailed Syllabi already exists on the P.U. website.

Thrust Areas :

- (i) Finance (ii) Marketing (iii) Human Resource (iv) Strategic Management

UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES

About the Institute

UIAMS offers management programmes in sectoral areas and streams so as to fulfill industry needs and requirements for specialized managerial skills.

Salient Features of the Institute :

- (a) UIAMS is in furtherance of University's vision of developing emerging areas as nodal centres of Excellence in applied fields.
- (b) Cardinal Principle of Delivery System : 70:30 ratio of Management and Sectoral inputs.

- (c) Delivery and Evaluation at UIAMS is a mix of Theory & Practice.
- (d) Association with Industry through invited talks, guest faculty, evaluation of projects.
- (e) Institute to be inter-disciplinary drawing from rich reservoir of talent available not only from University Business School (UBS) but also sectoral Departments like University Institute of Pharmaceutical Sciences (UIPS), Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, University Institute of Engineering & Technology (UIET), Department of Economics, Department of Statistics, Department of Computer Sciences and Dr. S.S. Bhatnagar University Institute of Chemical Engineering & Technology.

Faculty

Particular	Name	Field of Research Specialization
Professor	Sanjeev Sharma (Director)	<i>Strategic Management, Marketing Management</i>
Associate Professor	Pardeep Kumar Sharma	<i>Quantative Techniques, Economic Development, Poverty & Inequality</i>
Assistant Professors	Anupreet Kaur Mavi	<i>Development Economics, Labour Economics</i>
	Arunachal Khosla	<i>Organizational Culture (OB & HRM)</i>
	Nishi Sharma	<i>Financial Management, Investment Analysis</i>
	Nidhi Gautam	<i>Data Communication, Wireless Networks</i>
	Pooja Garg	<i>Capital Markets - Finance</i>
	Jagandeep Singh	<i>Marketing Management, Strategic Management</i>
	Manu Sharma	<i>Mergers & Acquisitions, Private Equity, Corporate Valuation and Financial Derivatives</i>
	Manjushri Sharma	<i>Health Economics</i>
	Ajay Kumar Dogra	<i>Hospital, Pharmaceutical Management</i>
	Aman Khera	<i>Law & Management (HR)</i>
	Rachita Sambyal	<i>IT & Telecom Management (Major Marketing)</i>
	Naveen Kumar	<i>Infrastructural Management (Major Finance)</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
MBA (Retail Management)	45+5*(NRI)	2 years (4 Semesters)	A Bachelor's or Master's Degree in any discipline of Panjab University or of any other University which has been recognized by Panjab University as equivalent thereto with atleast 50% marks in aggregate. OR
MBA (Banking & Insurance Management)	45+5*(NRI)	2 years (4 Semesters)	Pass in final examination conducted by the Institute of Chartered Accountants of India or England/the Institute of Cost and Works Accountants of India or England/Institute of Company Secretaries of India. OR AMIE Examination with 50% marks or more after having passed the diploma examinations with 60% marks or above & have atleast 5 years research/teaching or professional experience.

MBA (I.T. & Telecommunications Management)	22+3*(NRI)	2 years (4 Semesters)	Bachelor's degree in Engineering/Technology i.e. B.E./B.Tech. (in any Branch) with minimum 50% marks in the aggregate. OR
MBA (Infrastructural Management)	22+3*(NRI)	2 years (4 Semesters)	Bachelor's Degree in any Science subject with Physics and/or Mathematics with minimum 50% marks in the aggregate. OR Bachelor's in Computer Application (BCA) of Panjab University or of any other University recognized by the Panjab University as equivalent thereto with atleast 50% marks in the aggregate. OR AMIE Examination with 50% marks or more after having passed the diploma examinations with 60% marks or above and have atleast 5 years research/teaching or professional experience.
MBA (Pharmaceutical Management)	22+3*(NRI)	2 years (4 Semesters)	Bachelor's degree in Pharmacy with minimum 50% marks in the aggregate. OR M.B.B.S. OR Bachelor's Degree in any Science subject with 50% marks in the aggregate. And Diploma in Pharmacy with minimum 50% marks.
MBA (Hospital Management)	22+3*(NRI)	2 years (4 Semesters)	MBBS/BDS/BAMS/BHMS/B.Pharmacy/B.Sc. (Nursing)/Bachelor of Physiotherapy (BPT) of Panjab University or a degree of any other University which has been recognized by the Syndicate as equivalent thereto with not less than 50% marks in the aggregate.

Candidates appearing in the Final Degree Examination are eligible to apply and can take the test provisionally. Concession of 5% marks in the eligibility requirements for SC/ST candidates.

The admission is made on the basis of Entrance Test (85% weightage), Group Discussion (7.5% weightage) and Personal Interview (7.5% weightage).

Title of Syllabi :

SEMESTER-I (Common to All Sectoral Branches)

- | | |
|---|---|
| 1. Principles and Practices of Management | 6. Legal and Ethical aspects of Business |
| 2. Managerial Economics | 7. Workshop on Information Technology and Systems |
| 3. Accounting for Management | 8. Workshop on Soft Skills |
| 4. Business Statistics | |
| 5. Organizational Behaviour | |

SEMESTER-II

- | | |
|------------------------------|---|
| 1. Business Environment | 5. Workshop on Management Information Systems |
| 2. Financial Management | 6. Seminar on Research Methodology |
| 3. Principles of Marketing | 7. Summer Training and Viva-voce* |
| 4. Human Resource Management | 8. Comprehensive Viva-voce** |

*At the end of the examination of 2nd Semester the students will undergo compulsory summer training for a period of 6-8 weeks. Every student will submit the Summer Training Report within two weeks from the start of teaching for 3rd Semester.

**Comprehensive Viva-Voce of 2nd Semester would be based on papers taught in 1st and 2nd Semester.

Assistant Professors (<i>ad hoc</i>)	Gaurav Kashyap	<i>Gastronomy and food Science</i>
	Abhishek Ghai	<i>Food and Beverage Service - Bar Operations</i>
	Lipika Guliani	<i>Finance and Accounting</i>
	Manoj Semwal	<i>Hotel Housekeeping</i>
	Amit Katoch	<i>Tour Operations</i>

Note: In addition to these faculty members for core subjects, UIHTM is utilizing qualified faculty for non-core subjects.

Courses Offered :

Course	Seats	Duration	Eligibility/Admission Criteria
Bachelor of Hotel Management and Catering Technology (BHMCT)	60	4 years (8 Semesters)	The admission to both the courses will be on the basis of the Merit of Panjab University Tourism and Hospitality Aptitude Test (PUTHAT) to be conducted by Panjab University. PUTHAT shall be open to all such candidates who have passed (up to the Academic Session 2015-2016) in the 10+2 Examination of the Central Board of Secondary Education, New Delhi or its equivalent Examination conducted by a recognized Board/ University/Council with not less than 50% marks in the aggregate and English as one of the Compulsory Subjects.
Bachelor of Tourism and Travel Management (BTTM)	30	4 Years (8 Semesters)	

As per UGC Guidelines UIHTM has changed the nomenclature & duration of its courses. Detailed syllabus is available on Panjab University website.

Title of Syllabi :

Course Name: BACHELOR OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY (BHMCT)

FIRST SEMESTER

Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit	
		Th.	Pr.	IA	EA			
A. Theory								
Discipline	BHM-111	Foundation Course in Food Production	3	-	30	70	100	3
Core	BHM-112	Foundation Course in Food & Beverage Service	3	-	30	70	100	3
	BHM-113	Foundation Course in Front Office	3	-	30	70	100	3
	BHM-114	Foundation Course in Accommodation Operations	3	-	30	70	100	3
Discipline	BHM-115	Principles of Food Science	3	-	30	70	100	3
Electives	BHM-116	Application of Computers	3	-	30	70	100	3
choose	BHM-117	Executive communication	3	-	30	70	100	3
any two	BHM-118	Introduction to Event Management	3	-	30	70	100	3

B. Practical									
Discipline	BHM101	Foundation Course in Food Production	-	8	60	40	100	4	
Core	BHM102	Foundation Course in Food & Beverage Service	-	4	60	40	100	2	
	BHM103	Foundation Course in Front Office	-	2	60	40	100	1	
	BHM104	Foundation Course in Accommodation Operations	-	2	60	40	100	1	
	BHM-105	Leadership Development Camp	-	1 week	50	-	50	3	
	Total			18	16	470	580	1050	29

SECOND SEMESTER

Discipline	BHM-121	Foundation Course in Food Production	3	-	30	70	100	3
Core	BHM-122	Foundation Course in Food & Beverage Service	3	-	30	70	100	3
	BHM-123	Foundation Course in Front Office	3	-	30	70	100	3
	BHM-124	Foundation Course in Accommodation Operations	3	-	30	70	100	3
Discipline	BHM-125	Nutrition	3	-	30	70	100	3
Electives	BHM-126	Basics of Tourism	3	-	30	70	100	3
choose any one	BHM-127	Accounting for Managers	3		30	70	100	3
Compulsory Paper (Non Credit Course)	BHM-128	Environment and Road Safety Education	2	-	-	-	-	0

B. Practical									
Discipline	BHM-106	Foundation Course in Food Production	-	8	60	40	100	4	
Core	BHM-107	Foundation Course in Food & Beverage Service	-	4	60	40	100	2	
	BHM-108	Foundation Course in Front Office	-	2	60	40	100	1	
	BHM-109	Foundation Course in Accommodation Operations	-	2	60	40	100	1	
	Total			17	16	390	510	900	23

THIRD SEMESTER

Course Code	Course Title	Contact Hours	Weightage				Total Marks	Credit	
			Pr.	Training Report	EA (Marks)	Log Book			Appraisal
Discipline	BHM 231	Industrial Exposure Training	20 Weeks	50	50	50	50	200	20

FOURTH SEMESTER

	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	IA	EA		
A. Theory								
Discipline	BHM-241	Food Production Operations	3	-	30	70	100	3
Core	BHM-242	Food & Beverage Operations	3	-	30	70	100	3
	BHM-243	Front Office Operations	3	-	30	70	100	3
	BHM-244	Accommodation Operations	3	-	30	70	100	3
Discipline	BHM-245	Food & Beverage Controls	3	-	30	70	100	3
Elective	BHM-246	Food Safety & Quality	3	-	30	70	100	3
choose	BHM-247	Components of Tourism	3	-	30	70	100	3
any two	BHM-248	Bar and Beverage operations	3		30	70	100	3
		Workshop on Research Methodology	1				Non credited Course	
B. Practical								
Discipline	BHM -201	Food Production Operations	-	8	60	40	100	4
Core	BHM -202	Food & Beverage Operations	-	2	60	40	100	1
	BHM -203	Front Office Operations	-	2	60	40	100	1
	BHM -204	Accommodation Operations	-	2	60	40	100	1
Total			19	14	420	580	1000	25

FIFTH SEMESTER

	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	IA	EA		
A. Theory								
Discipline	BHM-351	Advanced Food Production Operations	3	-	30	70	100	3
Core	BHM-352	Advanced Food & Beverage Operation	3	-	30	70	100	3
	BHM-353	Accommodation Management	3	-	30	70	100	3
Discipline	BHM-354	Spa Management	3	-	30	70	100	3
Electives	BHM-355	Food & Beverage Management	3	-	30	70	100	3
choose	BHM-356	Financial Management	3	-	30	70	100	3
any three	BHM-357	Global Tourism	3	-	30	70	100	3
	BHM-358	Business Ethics	3	-	30	70	100	3
		Research Project*						
B. Practical								
Discipline	BHM -301	Advanced Food Production Operations	-	8	60	40	100	4
Core	BHM -302	Advanced Food & Beverage Operation	-	2	60	40	100	1
	BHM -303	Accommodation Management	-	2	60	40	100	1
Total			18	12	360	540	900	24

* The Project Allocation will be done in the 5th semester and the evaluation will form part of sixth semester.

SIXTH SEMESTER

	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	IA	EA		
A. Theory								
Discipline	BHM-361	Advanced Food Production Operations	3	-	30	70	100	3
Core	BHM-362	Advanced Food & Beverage Operation	3	-	30	70	100	3
	BHM-363	Front Office Management	3	-	30	70	100	3
Discipline	BHM-364	Aviation and Cruise line operations Management	3		30	70	100	3
Electives	BHM-365	Entrepreneurship Development	3	-	30	70	100	3
	BHM-366	Principles of Management	3	-	30	70	100	3
Choose any three	BHM-367	Personality Development and Soft Skills		4	30	70	100	2
	BHM-368	Food Photography and Food Journalism	3		30	70	100	3
B. Practical								
Discipline	BHM -304	Advanced Food Production Operations	-	8	60	40	100	4
Core	BHM -305	Advanced Food & Beverage Operation	-	2	60	40	100	1
	BHM -306	Front Office Management	-	2	60	40	100	1
	BHM -307	Research Project (Viva Voce)	-	-	-	100	100	5
Total			15	16	360	640	1000	29

SEVENTH SEMESTER

	Course Code	Course Title	Contact Hours		Weightage		Total Marks	Credit
			Th.	Pr.	IA	EA		
Group 1. Food and Beverage Division Management								
Specialization	BHM-471	Advanced Food Production Operations Management	3	-	30	70	100	3
Core	BHM-472	Advanced Food & Beverage Operation Management	3	-	30	70	100	3
Group 2. Rooms Division Management								
Specialization	BHM-473	Advanced Front Office Management	3	-	30	70	100	3
Core	BHM-474	Advanced Accommodation Management	3	-	30	70	100	3
Compulsory Subjects								
Discipline	BHM-475	Project on Market feasibility and financial viability for hotels/restaurants	2	2	-	100	100	3
Specialization	BHM-476	Strategic Management	3	-	30	70	100	3
Electives	BHM-477	Principles of Marketing	3	-	30	70	100	3
	BHM-478	Facility Planning	3	-	30	70	100	3

B. Practical

Group 1. Food and Beverage Division Management

Specialization	BHM -401	Advanced Food Production Operations	-	4	60	40	100	2
Core	BHM -402	Advanced Food & Beverage Operation	-	2	60	40	100	1

Group 2. Rooms Division Management

Specialization	BHM -403	Front Office Management	-	2	60	40	100	1
Core	BHM -404	Accommodation Management	-	2	60	40	100	1

Total			17	8	270	530	800	21
--------------	--	--	-----------	----------	------------	------------	------------	-----------

*The students need to select any one specialization core group. The student choosing specialization in group 1 from part A will be offered only Group 1 from part B

EIGHTH SEMESTER

Discipline	Course Code	Course Title	Contact Hours	Weightage		Total Marks	Credit
				EA (Marks)	Viva Voce		
Core	BHM 481	Specialized Hospitality Training	16 Weeks	100		100	10
	BHM 482	Project Report on emerging trends in hospitality Industry	5	100		100	5
Total				200		200	15

Course Name: BACHELOR OF TOURISM AND TRAVEL MANAGEMENT (B.T.T.M.)

COURSE MATRIX

Semester	Discipline	Core	Discipline Electives		Specialisation Core	Specialisation Electives	Free Electives*	Total Courses	Total Marks
			Full	Half					
	Full Credit	Half Credit	Full Credit	Half Credit					
1	3	-	1	2	-	-	-	6	500
2	3	-	2	1	-	-	-	6+1**	550
3	3		3		-	-	-	6	600
4	3		3		-	-	-	6	600
5	2	1	3		-	-	1	7	550***
6	2	1	-		1	2	1	7	550***
7	3		-		1	2	1	7	600***
8	3	2	-		-	-	-	5	500

* Free electives courses will be offered only after the decision of University in this regard.

** Non credited course.

*** Without the weightage of free elective courses.

Course Structure/Scheme of Examination

SEM	Code	Course Title	Course Type	L	T	P	HPW	Credits	IA	EA	Total		
1.	Core	BTM 111	Tourism: Concept, Status and trends	DC	3	1	0	4	4	30	70	100	
		BTM 112	Geography for Tourism	DC	3	1	0	4	4	30	70	100	
		BTM 113	Indian Society and Culture	DC	3	1	0	4	4	30	70	100	
	Choose any one	BTM 114	Computer Operations	DE	3	1	0	4	4	30	70	100	
		BTM 115	Introduction to Hospitality Industry	DE	3	1	0	4	4	30	70	100	
	Choose any two	BTM 116	Workshop on Personality Development	DE	0	0	2	2	1	50	00	50	
		BTM 117	Workshop on Executive Communication for Tourism Industry	DE	0	0	2	2	1	50	00	50	
		BTM 118	Workshop on Physical Grooming	DE	0	0	2	2	1	50	00	50	
	2.	Core	BTM 121	Components of Tourism	DC	3	1	0	4	4	30	70	100
			BTM 122	Tourism Product - Regional	DC	3	1	0	4	4	30	70	100
			BTM 123	Field Trip Report	DC	0	0	0	0	3	100	-	100
BTM 124			Environment and Road Safety Education	DC	2	0	0	2	-	-	50	-	
Choose any two		BTM 125	Tourism Products of India: Art and Architecture	DE	3	1	0	4	4	30	70	100	
		BTM 126	Tourism Product of India: Nature Based	DE	3	1	0	4	4	30	70	100	
		BTM 127	Introduction to Event Management	DE	3	1	0	4	4	30	70	100	
SEM	Code	Course Title	Course Type	L	T	P	HPW	Credits	IA	EA	Total		
Choose any one	BTM 128	Workshop on Hotel Operations	DE	0	0	4	2	4	50	00	50		
	BTM 129	Workshop on English Language Skills for Tourism Industry	DE	0	0	4	2	4	50	00	50		
3.		BTM 231	Travel Agency and Tour Operations	DC	3	1	0	4	4	30	70	100	
		BTM 232	Principles of Management	DC	3	1	0	4	4	30	70	100	
		BTM 233	Outdoor Learning Programme	DC	0	0	0	0	4	100	-	100	
	Choose any three	BTM 234	Tourism Impacts	DE	3	1	0	4	4	30	70	100	
		BTM 235	Special Interest Tourism	DE	3	1	0	4	4	30	70	100	
		BTM 236	Environment and Tourism	DE	3	1	0	4	4	30	70	100	
		BTM 237	Tourism Product of India: Cultural Heritage	DE	3	1	0	4	4	30	70	100	

4.	BTM 241	Introduction to Statistics	DC	3	1	0	4	4	30	70	100
	BTM 242	Policy and Planning for Tourism Development	DC	3	1	0	4	4	30	70	100
	BTM 243	On-the-job Training Report and Viva	DC	0	0	0	0	4	100	00	100
	Choose any three	BTM 244 Itinerary Preparation	DE	3	1	0	4	4	30	70	100
	BTM 245	Tour Package Design	DE	3	1	0	4	4	30	70	100
	BTM 246	Essential of Tour Guiding	DE	3	1	0	4	4	30	70	100
	BTM 247	Tourism Transportation	DE	3	1	0	4	4	30	70	100
5.	BTM 351	Basics of Tourism Research	DC	3	1	0	4	4	30	70	100
	BTM 352	Tourism Marketing	DC	3	1	0	4	4	30	70	100
	BTM 353	Event Management Engagement	DC	0	0	0	0	2	50	-	50
	Choose any three	BTM 354	Tourism Business Environment	DE	3	1	0	4	4	30	70
	BTM 355	Human Resource Management	DE	3	1	0	4	4	30	70	100
	BTM 356	Introduction to Air Travel	DE	3	1	0	4	4	30	70	100
	BTM 357	Business Tourism	DE	3	1	0	4	4	30	70	100
6.	BTM 361	Volunteering and Societal Understanding Programme	DC	0	0	0	0	2	50	-	50
	BTM 362	Tourism Business Economics	DC	3	1	0	4	4	30	70	100
	BTM 363	Airline Service and In-flight Facilities	DC	3	1	0	4	4	30	70	100
			SC 1/1	3	1	0	4	4	30	70	100
			SE 1/1	3	1	0	4	4	30	70	100
			SE 1/2	3	1	0	4	4	30	70	100
7.	BTM 471	Accounting for Managers	DC	3	1	0	4	4	30	70	100
	BTM 472	Tourism Promotion	DC	3	1	0	4	4	30	70	100
	BTM 473	Research Project Report	DC	0	0	0	0	4	100	-	100
			SC 2/1	3	1	0	4	4	30	70	100
			SE 2/1	3	1	0	4	4	30	70	100
			SE 2/2	3	1	0	4	4	30	70	100
8.	BTM 481	Comprehensive Viva Voce	DC	0	0	0	0	4	100	-	100
	BTM 482	Internship Report	DC	0	0	0	0	10	200	-	200
	BTM 483 [#]	Workshop: Computerised Reservation System	DC	0	0	10	10	4	100	-	100
	BTM 484 [#]	Workshop: Indian Tourism Destinations	DC	0	0	5	5	2	50	-	50
	BTM 485 [#]	Workshop: International Tourism Destinations	DC	0	0	5	5	2	50	-	50

Note: In total student will take two specialisation (out of A, B, C and D). One in sixth semester and other in seventh semester.

[#] These courses will start either before going for internship program or once the student joins institute after completing on-the-job training and will be evaluated by internal faculty appointed by Academic Committee of UIHMT.

Specialisation Core and Electives

SPECIALISATION A (Travel Trade)

SC	BTM	TT1	Ticketing & Transportation	3	1	0	4	4	30	70	100
SE	BTM	TT2	Trade Related Issues and Frontier Formalities	3	1	0	4	4	30	70	100
SE	BTM	TT3	Adventure Tourism	3	1	0	4	4	30	70	100
SE	BTM	TT4	Rural and Community Based Tourism	3	1	0	4	4	30	70	100

SPECIALISATION B (Outbound Tourism)

SC	BTM	OT1	Regional Dimensions of International Tourism	3	1	0	4	4	30	70	100
SE	BTM	OT2	Outbound Tour Operations	3	1	0	4	4	30	70	100
SE	BTM	OT3	Tourism Product: Europe and America	3	1	0	4	4	30	70	100
SE	BTM	OT4	Tourism Product: Asia, Middle East and Pacific Area	3	1	0	4	4	30	70	100

SPECIALISATION C (Aviation and Hospitality)

SC	BTM	AH1	Room Division Management	3	1	0	4	4	30	70	100
SE	BTM	AH2	Basics of F&B Operations	3	1	0	4	4	30	70	100
SE	BTM	AH3	Airport Facility Management	3	1	0	4	4	30	70	100
SE	BTM	AH4	Air Transport & Cargo Management	3	1	0	4	4	30	70	100

SPECIALISATION D (Tourism Marketing)

SC	BTM	TM1	Service Marketing	3	1	0	4	4	30	70	100
SE	BTM	TM2	Relationship Marketing	3	1	0	4	4	30	70	100
SE	BTM	TM3	Sales and Distribution Management	3	1	0	4	4	30	70	100
SE	BTM	TM4	E-Marketing	3	1	0	4	4	30	70	100

L: Lectures; T: Tutorial; P: Practical; HPW: Hours per Week; IA: Internal Assessment; EA: External Assessment
 DC= Discipline Core; DE: Discipline Electives; SC: Specialisation Core; SE: Specialisation Electives

Explanation of Credit Score

Tentative duration of one semester = 15 weeks

1 Credit = Total Students Efforts (TSE) of 30 Hours

30 Hours of Total Students Efforts (15 Contact Hours and 15 Hours of Student's Effort (other work load)

Other Work Load to include: Individual/Group work, Obligatory/Optional work placement, Literature survey/Library work/Data collection/field work/Term paper, Assignments/Projects/Papers/Tests etc.

III. FACULTY OF DESIGN AND FINE ARTS

DEPARTMENT OF ART HISTORY AND VISUAL ARTS

About the Department

The Department of Art History and Visual Arts was established in 1962. The Department has made significant contributions in the field of art history in a regular academic curriculum.

Teaching in the department is carried out through audio visual materials like slides, film shows, demonstration by artists etc. In the library of the department, there are more than 15,000 slides of which the most important part is that of the slides acquired from the American Committee of South Asian Art (ACSAA), U.S.A.

The Museum of Fine Arts was opened in 1968. The Museum showcases a collection of contemporary Indian Art of important painters, sculptors and printmakers. A regular programme of exhibitions along with demonstrative workshops and lectures have made the museum an important centre of art in the region.

Faculty

Particular	Name	Field of Research Specialization
Prof. Emeritus	B.N. Goswamy	<i>Indian Painting</i>
Associate Professor	Rajinder Bhandari	<i>Indian Contemporary Art, Indian Art and Architecture</i>
Assistant Professors	Tirthankar Bhattacharya	<i>Indian Iconography, Aesthetics and Art Appreciation</i>
	Jagtej Kaur Grewal (Chairperson)	<i>Indian Painting</i>

Courses Offered

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A. (History of Art)	29	2 years (4 Semesters)	As prescribed in Section 7.1 of (History of Art) Rules for Admission + Aptitude Test at Departmental Level
Ph. D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of Syllabi

M.A. (History of Art)

- Paper-I : History of Indian Sculpture and Architecture from the Earliest Times to ca. 600 A.D.
- Paper-II : History of European Art from the Pre-historic to the Byzantine period
- Paper-III : History of Indian Painting from the Pre-historic period to the 16th century A.D
- Paper-IV : Principles and Sources of Art
- Paper-V : History of Indian Sculpture and Architecture from 1st century A.D. to 6th Century A.D.
- Paper-VI : History of European Art from the Early Medieval Period till Late Gothic Period ca. 1400 A.D.

- Paper-VII : History of Indian Painting from ca. 1550 A.D. to ca. 1850 A.D.
 Paper-VIII : Basic Religious Systems and Iconographic Concepts
 Paper-IX : History of Indian Architecture and Sculpture from ca. 700 A.D. to ca.1300 A.D.
 Paper-X : History of European Art from the Renaissance to ca. 1700 A.D.
 Paper-XI : History of European Art from ca. 1750 A.D. to ca. 1900 A.D.
 Paper-XII : Art of South East Asia
 Paper-XIII : History of Indian Architecture from ca. 1300 A.D. to ca. 1900 A.D.
 Paper-XIV : History of European Art from ca. 1900 A.D. to ca. 1950 A.D.
 Paper-XV : History of Indian Art from ca. 1850 A.D. to ca. 1950 A.D.
 Paper-XVI : Comparative Approaches to Art

Thrust Area

History of Indian Art: Traditional, Contemporary and Architecture; Iconography

DEPARTMENT OF INDIAN THEATRE

The Department was set up in 1972 and has earned a place of pride on the National Theatre Scene during 44 years of its existence, on the Panjab University Campus. Theatre personalities from all over India and Foreign Countries have been visiting the Department for interaction with the faculty and students.

The Department has produced more than 84 productions ranging from Classical to Modern, Traditional to Experimental plays. The Alumni of this Department have made their name at the highest level in the fields of Theatre, T.V., Films and other cultural organizations.

Department offers merit scholarship to students. The Department has its own Library, A Balwant Gargi Open-air-Theatre and a Studio Theatre for overall training of the students, in the subject of theatre and directorial process. The Department also produces an Annual Production for an invited audience.

The Course provides full training in the theoretical and practical aspects of theatre, Acting, Movement, Voice Speech, Singing, Improvisation, Theatre-games, Yoga, Mime, Text-study, Character-building, Stage-craft along with its chiseling of the Imagination. Plays from India and Western dramatic literature and the history of theatre are dealt with in considerable detail. Theory and practical lessons in Stage-craft that includes Make-up, Mask-making, Lighting, Set and costume designing are an important part of the training. The knowledge of regional theatre-forms and their creative application in the modern context is emphasized.

Faculty

Particular	Name
Assistant Professors :	Navdeep Kaur (Chairperson) Shveta Mahendra

Faculty on Temporary Basis

Associate Professor :	Bhupinder Singh
Assistant Professor :	Baljinder Kaur Sharma

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	23	2 years (4 Semesters)	(i) Graduation from any recognised University with aptitude for Theatre. (ii) Written & Performance Test for admission to M.A. I.

For admission to M.A. (Indian Theatre) the criteria will be as follows :

For admission to M.A. (Indian Theatre) the criteria will be so follows:

- i) Objective Type Written Test to be conducted by the Dept. **30 Marks** (Only those candidates who secure at least 50% marks in the Objective Type Written Test will be allowed to appear in the Specially Designed Performance Test).
- ii) Specially Designed Performance Test to be conducted by the Dept. **70 Marks** (Only those candidates who qualify Objective Type Written Test and Specify Designed Performance Test by scoring at least 50 % marks in both will be eligible).

Title of Syllabi :

M.A.

SEMESTER-I

Paper-I : History of Theatre	Paper-III : Acting Practical
Paper-II : Acting Theory	Paper-IV : Stage Craft (Practical)

SEMESTER-II

Paper-V : Dramatic Literature	Paper-VII : Directorial Processes
Paper-VI : Theatre Architecture	Paper-VIII : Viva Voce

SEMESTER-III

Paper-IX : History of Theatre	Paper-XI : Acting Practical
Paper-X : Acting Theory	Paper-XII : Stage Craft (Practical)

SEMESTER-IV

Paper-XIII : Dramatic Literature	Paper-XV : Directorial Processes
Paper-XIV : Theatre Architecture	Paper-XVI : Viva Voce

The Department undertakes Ph.D. Course and higher research in Theatre.

- The course span is 3-4 years.
- Presently nine students are pursuing Ph.D. course under various teachers of the Department.
- For further information, see General Important Guidelines.

DEPARTMENT OF MUSIC

About the Department

The department of Music was established in 1987. It provides intensive and full time training in practical and theoretical music in Vocal and Instrumental (Sitar) at M.A. & M.Phil level. It also provides Music hobby classes in the evening.

Faculty

Particulars	Name	Field of Research Specialization
Professor (<i>Re-employed</i>)	Arvind Kumar Sharma	<i>Music (Vocal)</i>
Professors	Saroj Ghosh (<i>Chairperson</i>)	<i>Music (Instrumental)</i>
	Pankaj Mala Sharma	<i>Music (Instrumental)</i>
	Neera Grover	<i>Music (Vocal)</i>
Associate Professor	Neelam Paul	<i>Music (Vocal)</i>

Courses Offered:

Course	Seats	Duration	Eligibility Admission Criteria
M.A (Vocal)	17	2 years (4 Semesters)	B.A. with Music or teacher in Music in a recognized higher secondary school or affiliated college-aptitude test at Department level.
M.A. (Instrumental)	17	2 years (4 Semesters)	B.A. with Music or teacher in Music in a recognized higher secondary school or affiliated college-aptitude test at Department level.
M. Phil (Vocal & Instrumental)	15	1 year (2 Semesters)	See General Important Guidelines. University Entrance & Practical in the department
Ph.D.	Subject to availability of seats	3-5 years	University Entrance Test / NET qualified (employee/ permanent)
Certificate Course		One year	Minimum +2
Hobby Classes (Vocal/Instrumental Music) Instruments offered :- Guitar, Sitar, Harmonium, Tabla	—————	Minimum 3 months	Students of University Department/ Colleges, University Employees and their wards with aptitude for music.

Course Reading

M.A.I (Vocal) : -----

M.A.I (Instrumental): (i) Sitar (For Regular Candidates)

- (ii) The private candidate have the option to take any of the Following instruments: Sitar, Sarangi, Veena, Sarod, Dilruba, Violin, Bansuri, Shahnai, Guitar and Santoor.

Title of Syllabi:**M.A. MUSIC (VOCAL & INSTRUMENTAL)****SEMESTER-I**

Paper -I	: Theoretical Survey, Principles of Aesthetics and Critical study of Ragas	50 Marks
Paper-II	: History of Indian Music	50 Marks
Paper-III	: Stage Performance (Practical)	50 Marks
Paper-IV	: Viva-Voce (Practical)	50 Marks

SEMESTER-II

Paper -I	: Theoretical Survey, Principles of Aesthetics and Critical study of Ragas	50 Marks
Paper-II	: History of Indian Music	50 Marks
Paper-III	: Stage Performance (Practical)	50 Marks
Paper-IV	: Viva-Voce (Practical)	50 Marks

SEMESTER-III

Paper -I	: Scientific study of Indian Music	50 Marks
Paper-II	: Study of Ragas and Talas	50 Marks
Paper-III	: Stage Performance (Practical)	50 Marks
Paper-IV	: Viva-Voce (Practical)	50 Marks

SEMESTER-IV

Paper -I	: Music Education and Study of Granthas	50 Marks
Paper-II	: Information Technology and Principles of Stage Performance	50 Marks
Paper-III	: Stage Performance (Practical)	50 Marks
Paper-IV	: Viva-Voce (Practical)	50 Marks

M.Phil. MUSIC (VOCAL & INSTRUMENTAL)**SEMESTER-I**

Course-I	Research Methodology	50 Marks
Course-II (Practical)	Stage Performance	100 Marks
Course-III (Practical)	Viva Voce	100 Marks
Course-IV	Seminar	25 Marks
Course-V	Sessional Work	25 Marks

SEMESTER-II

Course-I	History and Theory of Indian Music	50 Marks
Course-II (Practical)	Stage Performance	75 Marks
Course-III (Practical)	Viva Voce	75 Marks
Course-IV	Dissertation	100 Marks

Research Facility

The department offers facilities of departmental library and infrastructure to regular research scholars for their research leading to Ph.D degree in various aspects of Music and Musicology. The department offer facilities for inter disciplinary research also. Ph.D course work is also conducted in the department.

Workshop and Seminars

The department organizes workshops and seminars to expose the students to various innovations, new trends and emerging areas in the respective fields.

Public Performances

Students get opportunities to participate in public performances and conferences at regional and national levels. Students are given opportunity to perform in the University Functions namely Republic day celebrations, Independence Day celebration and Convocation etc.

Scholarships

Some merit scholarships are offered to the students of M.A., M.Phil & Ph.D. Special Scholarships for S.C. candidates, poverty and deserving candidates.

Awards

1. Pt. Dr. Lal Mani Mishra award to the topper of M.A.II (Instrumental) Music
2. Pt. Tejpal Singh Bandu award to the topper of University M.A.II Music (Vocal)

IV. FACULTY OF EDUCATION

DEPARTMENT OF COMMUNITY EDUCATION AND DISABILITY STUDIES

About the Department

The Department was established in the year 2007. It offers Master's course in Community Education and Development, Ph.D. (Community Education and Development) and B.Ed. Special Education (Learning Disability). The Admission in these courses is open to all the students from all streams.

Faculty

Particular	Name	Field of Research Specialization
Prof. (Re-employed)	Manjeet Paintal	<i>Education, Community Education, Inclusive Education, Health and Extension Education, Corporate Social Responsibility, Women and Child Development.</i>
Associate Professors	Anuradha Sharma (Chairperson)	<i>Education, Community Education, Inclusive Education, Research Methodology, Education Psychology, Community Social Psychology.</i>
	Ashwani Kumar Sharma	<i>International Politics with emphasis on Conflict Resolution, Community Education, Inclusive Education, Human Resource Development.</i>
	Navleen Kaur	<i>Community Education, Inclusive Education, Extension Education, Educational Psychology, Guidance and Counseling, Learning Disability.</i>
Assistant Professors	Dazy Zarabi	<i>Community Education, Population and Sustainable Development Education, Gender Equality & Equity Adolescent Education, HIV/AIDS/Health Education.</i>
	Md. Saifur Rahman	<i>Special Education, Inclusive Education, Research Methodology</i>
	Nitin Raj	<i>Special Education</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A. (Com. Edu. & Dev.)	25	2 years (4 Semesters)	Graduation in any Discipline with 45% marks (40% in case of SC/ST)
B.Ed. Special Education (Learning Disability)	30	2 year (4 Semesters)	Graduation in any discipline with 50% marks (45% in case of SC/ST)
Ph.D. (Com. Edu. & Dev.)	Subject to availability of seats	3-5 years	Master's degree in Community Education, Education and Social Sciences + Entrance Test conducted by the University or UGC-NET cleared in Education.

Title of Syllabi

M.A.

SEMESTER-I

- | | |
|---|-------------------------------|
| I. Community Development and Organization | III. Empowerment of Community |
| II. Indian Social Structure | IV. Research Methodology |
- Project work/community work/field work

SEMESTER-II

- | | |
|--------------------------------|---|
| I. Community Social Psychology | III. Corporate Social Responsibility |
| II. Urbanization and Slums | IV. Human Resource Development and Training |
- Project work/community work/field work

SEMESTER-III

- | | |
|-------------------------------------|--------------------------------------|
| I. Conflict Resolution | III. Community Counseling |
| II. Population and Health Education | IV. Education and Life Long Learning |
- Project work/community work/field work

SEMESTER-IV

- | | |
|---------------------------------------|---|
| I. Rural Development Entrepreneurship | III. Panchayati Raj System in India |
| II. Human Rights and Duties | IV. Environmental Education and Disaster Management |
- Project work/community work/field work

B.Ed. Special Education (Learning Disability)

SEMESTER-I

Theory Papers

- | | |
|--|--|
| Paper- I Human Growth & Development | Paper-III Introduction to Neuro Developmental Disabilities |
| Paper- II Contemporary India and Education | Paper –IV Assessment and Identification of Needs |

Practicum – LD

E 1: Cross Disability & Inclusion

SEMESTER-II

Theory Papers

- | | |
|--|--|
| Paper- I Learning, Teaching and Assessment | Paper-III Part –(i) Pedagogy of Teaching Hindi |
| Paper- II Part- (i) Pedagogy of Teaching Science | Part –(ii) Pedagogy of Teaching Punjabi |
| Part- (ii) Pedagogy of Teaching Mathematics | Part –(iii) Pedagogy of Teaching English |
| Part- (iii) Pedagogy of Teaching Social Science | Paper –IV Inclusive Education |
| | Paper- V Curriculum Designing, Adaptation and Evaluation |

Practicum-LD

E 2: Disability Specialization

SEMESTER-III

Theory Papers

Paper- I	Educational Intervention and Teaching Strategies	Paper-III	Psycho-Social and Family Issues
Paper-II	Technology & Disability	Paper-IV	Reading and reflecting on Texts
		Paper-V	Performing and Visual Arts

Practicum-LD

E 2: Disability Specialization

F1: Major Disability-LD (Internship)

SEMESTER-IV

Theory Papers

Paper- I	Guidance & Counseling	Paper-III	Basic Research and Statistics
Paper-II	Management of Learning Disability		

Practicum- LD

E 1: Cross Disability & Inclusion

F 2: Other Disability (Internship)

F 3: Inclusive School (Internship)

Ph.D.

- I. Research Methodology
- II. Education and Community Empowerment
- III. Assignments, Readings and Presentation

DEPARTMENT OF EDUCATION

About the Department

The Department was started in 1963 with M.Ed. regular course. Subsequently M.Ed. (Evening) Course for in-service teachers (1969); M.A. (Education) (1979); M.Phil. (Education) (1979); M.Ed. (Guidance & Counselling) (1991) and M.Ed. (Educational Technology) (1991) were added. The Department also runs Ph.D. program. A Pre-Ph.D. course in Education is being conducted for Ph.D. research scholars. Currently M.Ed. (Guidance & Counselling), M.Ed. (Educational Technology), M.Ed. (Evening) and M.Phil. (Edu.) programs have been kept in abeyance. The Department has been awarded Special Assistance Program (DRS) by U.G.C. w.e.f. from 1-4-95: First phase: 1-4-95 to 31-3-2000, Second Phase: 1-4-2001 to 31-3-2006 and Third phase 1-4-2007 to 31-3-2012. Currently the Department has been awarded SAP (DSA) Status with a grant of Rs. 75 lac (as per the display on their website w.e.f. February, 2013).

Faculty

Particular	Name	Area of Specialization
Professor Emeritus	J. N. Joshi (Retd.) Former DUI	<i>Research Methods Measurement & Evaluation</i>

Professor (Re-employed)	Sukhwant Bajwa	<i>Research, Guidance & Counselling</i>
Professors	Vandana Mehra (Chairperson)	<i>Educational Technology, Curriculum Development, Research Methods, Teacher Education.</i>
	Raj Kumari Gupta	<i>Exceptionality, Guidance & Counselling, Research Methods, Human Development</i>
	Nandita Shukla Singh	<i>Philosophical & Sociological Foundations of Education, Teacher Education, Human Rights & Value Education</i>
	Latika Sharma	<i>Life Long Education; Philosophical, Sociological and Psychological Foundations; Education Administration; Teacher Education</i>
	Kirandeep Singh	<i>Guidance & Counselling w.r.t. Career Psychology & Organizational Psychology, Human Development.</i>
Associate Professors	Jatinder Grover	<i>Elementary, Secondary & Teacher Education Technology enhanced Education System</i>
	Satvinder Pal Kaur	<i>Inclusive Education, Educational Sociology, Educational Psychology</i>
Assistant Professor	Kuldeep Kaur	<i>Educational Psychology, Special Education, Educational Statistics, Guidance & Counselling,</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.Ed. (General)	50	2 years (4 Semesters)	B.Ed. with 50% marks (45% for S.C./S.T./B.C. Candidates)
M.A. (Education)	25	2 years (4 Semesters)	(I) For (Indian Nationals) : Bachelor's degree with minimum 50% marks & 45% for S.C./S.T./B.C. Candidates (with Education or Philosophy, Psychology or Sociology) (II) For Foreign Nationals: A student having 50% marks in the qualifying examination or equivalent grade from Foreign University having equivalent graduate degree certified by the Association of Indian Universities (AIU) + Recognized English Proficiency Test.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of Syllabi :**M.Ed General****SEMESTER I****Programme Code: MEDGN-I**

PAPER	COURSE CODE	COURSE TITLE
I	C 01-PIE-I	Perspectives in Education-I
II	C 02-LLP-I	Learner and Learning Process-I
III	C 03-ERS-I	Educational Research and Statistics-I
IV	C 04-TED-I	Teacher Education-I
V	C 05-HOE-I	History of Education-I
VI	C 06-DIS-I	Dissertation-I (Writing a synopsis)
VII	C 07-SDS-I	Self Development Skills-I(Academic/Professional Writing & Communication Skills)

SEMESTER II**Programme Code: MEDGN-II**

PAPER	COURSE CODE	COURSE TITLE
I	C 08- PED-II	Process of Education-II
II	C 09- PIS-II	Psychology for Individual and Social Development-II
III	C 10-ERS-II	Educational Research and Statistics-II
IV	C 11- DIS-II	Dissertation -II (Submission of Research Proposal)
V	C12-SDS-II	Self Development Skills-II (Writing CV & Interview skills)
VI	Any one of the following	
	E01-PSE-II	Pedagogy of Science Education-II
	E02-PSS-II	Pedagogy of Social Science Education-II
	E03-PLE-II	Pedagogy of Language Education-II
	E04-PME-II	Pedagogy of Mathematics Education-II

SEMESTER III**Programme Code: MEDGN-III**

PAPER	COURSE CODE	COURSE TITLE
I	C13- GNC-III	Guidance and Counseling-III
II	C 14- EDT-III	Educational Technology and ICT-III
III	C 15- DIS-III	Dissertation-III (Submission)
IV	C16- SDS-III	Self Development Skills-III (e-skills)
V & VI	ANY TWO OF THE FOLLOWING:	
	E 05-PFE-III	Policy Planning and Financing of Education-III
	E 06-EDA-III	Education for Differently-abled-III
	E 07-CRS-III	Curriculum Studies-III

SEMESTER IV**Programme Code: MEDGN-IV**

PAPER	COURSE CODE	COURSE TITLE
I	C17-ESD-IV	Education for sustainable Development & Global Peace-IV
II	C 18 - FAI-IV	Field Attachment/ Internship-IV

III	C 19 - DIS-IV	Dissertation-IV (Viva Voce)
IV	C20-SDS	Self Development Skills-IV (Yoga)
V & VI	ANY TWO OF THE FOLLOWING:	
	E08-MEV-IV	Measurement, Assessment and Evaluation-IV
	E09-CME-IV	Comparative Education-IV
	E10-LLL-IV	Life Long Learning-IV
	E11-EAM-IV	Educational Administration and Management-IV

NOTE : Curriculum of M.Ed. (General) is subject to change.

M.A. (EDUCATION) SEMESTER-I & II

PART 1) Foundation Papers (Papers 1, 2, 3 Sem-I & 6, 7,8 Sem-II) (Compulsory for all)

PAPER COURSE TITLE

1	Philosophical and Sociological Foundations of Education
2	Educational Psychology
3	Educational Research & Statistics

PART II) Optional Papers (Papers 4, 5 Sem-I & 9 & 10 Sem-II) Any two of the following:

PAPER COURSE TITLE

A	Educational Measurement & Evaluation
B	Guidance & Counselling
C	Educational Technology
D	Special Education

PAPER COURSE TITLE

E	Population Education and Environmental Education
F	Value Education & Human Rights Education
G	Educational Administration & Management
H	Lifelong Education

M.A. (EDUCATION) SEMESTER-III & IV

PART I) Foundation Papers (Papers 11, 12, 13 Sem-III & 16, 17, 18 Sem-IV) (Compulsory for all)

PAPER COURSE TITLE

11	History and Contemporary Issues of Indian Education-III
12	Curriculum Development-III
13	Dissertation Proposal/Synopsis

PART II) Optional Papers (Papers 14, 15 Sem-III & 19, 20 Sem-IV) any two of the following:

PAPER COURSE TITLE

A	Educational Measurement & Evaluation
B	Guidance & Counselling
C	Educational Technology
D	Special Education

PAPER COURSE TITLE

E	Population Education and Environmental Education
F	Value Education & Human Rights Education
G	Educational Administration & Management
H	Lifelong Education

4. Special Assistance Programme (SAP)

Currently the Department has been awarded SAP (DSA) Status with a grant of Rs. 75 lac (as per the display on their website w.e.f. February, 2013).

Thrust Areas:

Education for Peace, Values & Sustainable development.

INSTITUTE OF EDUCATION TECHNOLOGY AND VOCATIONAL EDUCATION

About the Institute

The Institute was started in July 2007 as collaborative effort of Department of Education, Centre for Adult and Continuing Education and Extension and Regional Resource Centre, Panjab University. A four year integrated course B.A.B.Ed. is offered in the Institute with an intake of 50 students.

The mission of Institute is to train student teachers to become dedicated, committed, social concerned, morally upright and spiritually oriented teachers. The focus of this four year course is to prepare quality teachers through rigorous, consistent and expanded grooming into the profession at elementary and secondary school stage.

Faculty

Particular	Name	Field of Research Specialization
Professor	Nandita Shukla Singh (Chief Coordinator)	<i>Human Rights and Value Education, Teacher Education, Science Education, Philosophical Foundations of Education</i>
Assistant Professors	Rekha Rani	<i>Teaching of Mathematics Research Methodology and Statistics, Special Education, Educational Technology</i>
	Kanwalpreet Kaur	<i>Educational Psychology, Educational Sociology, Educational Technology, Research Methodology and Statistics.</i>
	Kalpana Thakur	<i>Educational Technology, Curriculum Development Research Methodology and Statistics</i>
	Amritpal Kaur	<i>Educational Psychology, Teaching of S. St, Educational Technology, Guidance and Counselling</i>
	Puja Ahuja	<i>Science Education, Educational Technology, Mathematic Education, Educational Psychology</i>

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.A. B.Ed.	50	4 years (8 Semesters)	50% in 12th Class from any Board/University (45% for SC/ST) Qualifying marks for Entrance Test 40% Weight age for Entrance 40% Weight age for Interview 10% Weight age for merit in 12 th 50%

Note : The candidate must not be more than 20 years of age as on 1st August of the year in which admission is sort to the semester I (22 years in case of SC/ST)

Rules

1. The admission shall be on the merit of Entrance Test and 10+2 marks. No candidate shall be eligible for admission to B.A B.Ed. 1st Semester unless he/she appears in the Entrance Test of the relevant year of admission. A student who falls short of lecture in the first semester shall be eligible for admission again through the entrance test provided he/she fulfill the eligibility conditions.
2. No condonation shall be allowed in case the candidate has attended less than 33% of lectures delivered for each paper/subject/special lecture.
3. For condonation of lecture on the ground of intern hardship cases (including medical grounds, information to the effect along with the supporting documents), if any, should be submitted to the department within seven days after the hardship is over so that the medical and fitness certificate could be countersigned by the Chief Medical Officer of Panjab University, before the condonation period.

Title of Syllabi :

1. Course Highlights for first six semesters

A. Two foundation courses in Education in each semester (compulsory for all)

SEMESTER I

- (BABED-EDUC01) Education in Emerging Indian Society
- (BABED-EDUC02) School Organization and Administration

SEMESTER II

- (BABED-EDUC03) Philosophical and Sociological Foundations of Education
- (BABED-EDUC04) Psychological Foundations of Education

SEMESTER III

- (BABED-EDUC05) Human Development
- (BABED-EDUC06) School-Community Participation

SEMESTER IV

- (BABED-EDUC07) Curriculum Development and Evaluation
- (BABED-EDUC08) Guidance and Counseling

SEMESTER V

- (BABED-EDUC09) Technological Bases of Education and Pedagogy
- (BABED-EDUC10) Health and Yoga Education

SEMESTER VI

- (BABED-EDUC11) Educational Research and Statistics
- (BABED-EDUC12) Value Education

B. Two compulsory papers of B.A. viz English and Punjabi (or HCP) in each semester

- C. Three optional papers out of English (Elective), Punjabi (Elective), Hindi, Political Science, Economics, Sociology, Mathematics, Geography and History.
- D. General Practicum
 - (a) School related practicum (b) Life skills training (c) Tutorials

2. Five theory courses in education and two in Methodology of Teaching subjects in VII Semester.

- (BABED-EDUC13) Philosophical, Sociological and Political perspective
- (BABED-EDUC14) The Learner Nature and Development
- (BABED-EDUC15) Theory of Instructional Technology and Evaluation
- (BABED-EDUC16) School Organization and Management
- (BABED-EDUC17) Information and Communication Technology (ICT) in Education

3. Pedagogy Practice, Internship Programme of four months, any two teaching subjects out of ten and tasks related to internship in Eighth Semester

Twenty to forty percent of Academic Transactions are done through Team/Individual projects, assignments, presentations in all the papers. Improving communication skills of students is one of the main thrust of academic transactions.

Thrust Areas

Educational Technology, Educational Philosophy, Educational Psychology, Educational Sociology, Communication Skills, Life Skill, School Related Practicum.

DEPARTMENT OF LIFE LONG LEARNING AND EXTENSION

About the Department

Department of Life Long Learning & Extension was established in 1977 in PU campus at the old correspondence building in the name of Centre for Continuing Education and was re-named as Department of Life Long Learning & Extension since November, 2009.

It is located in the building of Emerging areas in social sciences. The mandate of the department is to expand knowledge and awareness amongst community by involving schools, affiliated colleges and departments of PU, NGO's etc. The main thrust of the department is to provide a wide variety of life long learning opportunities to all sections of society by providing university and community based continuing education programs, vocational courses on skill development, individual interest promotion programs and quality of life improvement programs. The target groups in these programs involve university students, employees, youth, school dropouts and school students etc. The department focuses on the activities, which include teaching, awareness, extension education and skill up-gradation programs.

The vocational programs organized by the department are fashion-designing, basics in computer application, tie & dye, block painting, skin care & cosmetology, life skills & personality development, family life education, first aid & home nursing. The awareness programs organized by the department on various themes such as : Woman Empowerment, Awareness on Health Nutrition, Environment HIV/AIDS population related issues etc. The department concentrates on activities which include teaching, (diploma) awareness generation and skill up-gradation programs.

Faculty

Particular	Name	Field of Research Specialization
Professor	Sween	<i>Education; Environmental Education; Guidance and Counseling; Extension Education; Continuing Education; Women and Development</i>
Assistant Professors	Renu Gandhi (Chairperson)	<i>Adolescents Education; Adult Education and Life Long Learning; Sociology of Education; Women Empowerment; Extension Education; Organizing Research Methodology Programme for University Students</i>
	Prabha Vig	<i>Education; Guidance and Counseling; Fashion Designing Extension Education; Adult Education and Life Long Learning; Curriculum Development</i>
	Parmjit Singh Kang	<i>Organizing Programme on Computer Literacy and UGC/NET.</i>

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Diploma in Preschool Education	15	1 year (2 Semesters)	10+2 in any stream from any recognized board

Title of Syllabi :

Diploma in Preschool Education

Features of the department :

1. It is non-formal education department.
2. The programs of the department are need based and recommendations of the stakeholders are implemented accordingly in the next batch.
3. The programs are inter-disciplinary in nature and the courses are part time and the duration is from 3 to 6 months.
4. There is one-year diploma course in preschool education.

Equal Opportunity Cell : The department has an equal opportunity cell and organise programs for SC/ST/OBC and minority communities for their up gradation. The program organized for them are coaching classes in English speaking and personality development and UGC NET coaching classes.

Thrust Areas

Computer Literacy, Life Long Learning and Awareness Generation, Vocational Courses in Fashion designing, First Aid and Home Nursing, English Speaking and Personality Development, Life Skill Education, and Family Life Education, Remedial Coaching, Skill Generation and Up Gradation, Research, Training, Extension.

DEPARTMENT OF PHYSICAL EDUCATION

About the Department:

The Department of Physical Education was started in the year of 1963 with M.A in Physical Education. The department has emerged as one of the premier centre of Physical Education in India. It has acquired a prominent status in the country and has earned several distinctions during its existence. The Department offers B.P.Ed. (Two Years), M.P.Ed. (Two Years), M.Phil., Doctoral and Post Doctoral (D. Lit.) programmes and has highly qualified faculty.

In line with the University mission, the Department has the aim of educating the "whole-person" and to produce quality teachers to serve as administrators in the profession of physical education and sports. By improving our academic programmes and services to the University and local community, we pledge to continually strive for academic excellence and to maintain our leadership role in our profession.

Faculty

Particulars	Name	Field of Research Specialization
Professor (Re-employed)	G. S. Brar	<i>Sports Training</i> <i>History of Physical Education and Sports</i>
Professors	Dalwinder Singh (Chairperson)	<i>Sports Management</i> <i>Sports Psychology</i> <i>Sports Training</i>
	Gurmeet Singh	<i>Sports Training</i> <i>Sports Psychology</i> <i>Biomechanics</i>
Assistant Professors	Raj Kumar	<i>Sports Psychology</i> <i>Sports Sociology</i>
	Thingnam Nandalal Singh	<i>Fitness & Wellness</i> <i>Sports Training</i> <i>Measurement and Evaluation</i>

Courses Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.P.Ed.	34+2NRI	2 years (4 Semesters)	Bachelor's Degree in any discipline with 50% marks and having at least participation in the Inter-College/ Inter-Zonal/ District/ School competition in sports and games as recognized by the AIU/ IOA/SGFI/Govt. of India; Or Bachelor's Degree in Physical Education with 45% marks; Or Bachelor's Degree in any discipline with 45% marks and studied Physical Education as compulsory elective subject;

			Or
			Bachelor's Degree with 45% marks and having participated in National/ Inter University/ State competitions or secured 1 st , 2 nd or 3 rd position in Inter College/ Inter- Zonal/ District/ School competition in sports and games as recognized by the AIU/IOA/ SGFI/Govt. of India;
			Or
			Bachelor's degree with participation in international competitions or secured 1 st , 2 nd or 3 rd position in National/ Inter-University competition in sports and games as recognized by respective federations/ AIU/IOA/SGFI/Govt. of India;
			Or
			Graduation with 45% marks and at least three years of teaching experience (for deputed in-service candidates i.e. trained physical education teachers/ coaches).
			The relaxation in the percentage of marks in the qualifying examination and in the reservation of seats for SC/ST/OBC and other categories shall be as per the rules of the Central Government / State Government, whichever is applicable.
			Any other qualification recognized by the Syndicate as equivalent to above points.
M.P.Ed	28+2 NRI	2 years (4 Semesters)	Bachelor of Physical Education (B.P.Ed) or equivalent with at least 50% marks.
			Or
			Bachelor's of Science (B.Sc) in Health and Physical Education with at least 50% marks.
			The reservation in seats and relaxation in the qualifying marks for SC/ST/OBC/ PWD and other categories shall be as per the rules of the Central Government/ State Government, whichever is applicable.
			Any other qualification recognized by the Syndicate as equivalent to above points.
M.Phil.	10+5 NRI	1 year (2 Semesters)	The qualification for admission to the course shall be M.P.Ed. of Panjab University with at least 55% marks (50% marks for SC/ST category)

Or

M.P.Ed (two years) degree with 55% (50% marks for SC/ST category) marks of any other University recognized by Panjab University.

Minimum aggregate marks to Pass: As per University regulation.

Admission shall be on the basis of Panjab University Entrance Test.

Ph.D.	Subject to availability of seats	3-5 years	As per P.U/UGC Regulations/Norms
D.Litt.	Subject to availability of seats	3-5 years	As per P.U/UGC Regulations/Norms

Notes :

- (a) Admission to B.P.Ed, M.P.Ed and M.Phil will be on the basis of Entrance test.
- (b) Additional Sports weightage will be provided as per the latest information incorporated in the Handbook.

Title of Syllabi:

BACHELOR OF PHYSICAL EDUCATION (B.P.Ed. 2 Years)

(SEMESTER SYSTEM)

The course of instruction for the B.P.Ed Examination consists of three parts as under:

PART - I	Theory Papers	}	Total: 3200 Marks
PART - II	Practice of Teaching		
PART - III	Skill and Prowess		

MASTER OF PHYSICAL EDUCATION (M.P.Ed. 2 Years)

(SEMESTER SYSTEM)

The course of instruction for the M.P.Ed Semester Examination consists of three parts as under:

PART - I	Theory Papers	}	Total: 3000 Marks
PART - II	Practice of Teaching and Coaching Teaching : Semester-I & III Coaching: Semester-II & IV		
PART - III	Skill and Prowess		

MASTER OF PHILOSOPHY IN PHYSICAL EDUCATION (M.Phil.)

Paper	Code	Subjects	External Evaluation Maximum Marks	Sessional Marks	Credits	Hours	Aggregate pass marks
1.	RMC-101	Research Methods and Applied Statistics	80	20	4	60	As per University regulations
2.	ETC-102	Evaluation Techniques in Physical Education and Sports	80	20	4	60	As per University regulations
3.	-	One subject to be opted from the Specialized Area					
	SPO-103	Sports Psychology					
	EPO-104	Exercise Physiology					
	MMO-105	Management of Physical Education and Sports	80	20	4	60	As per University regulations
	SIO-106	Sports Industry and Marketing					
	SBO-107	Sports Biomechanics					
	CTO-108	Current Trends and Issues in Physical Education					
SEMESTER-II							
4.	DIS-109	Dissertation	160	40	8	120	As per University regulations

Total: 500 Marks

Thrust Areas

Health and Wellness, Sports Training and Pedagogic Techniques in Sports, Sports Biomechanics, Exercise Physiology and Sports Medicine, Sports and Physical Education History, Measurement and Evaluation, Sports Sociology, Kinanthropometry, Sports Management, Sports Psychology, Sports Sociology and Yoga.

V. FACULTY OF ENGINEERING & TECHNOLOGY

Dr. S.S. BHATNAGAR UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING & TECHNOLOGY

About the Institute

The Dr. S.S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University, (<http://www.pu.ac.in/cet>) is a premier Institute in Northern India imparting quality education in Chemical Engineering, Food Technology, Polymer Technology and Industrial Chemistry; the programmes in polymer technology and industrial chemistry are offered at the post graduate level only. The Institute was set up in 1958 in collaboration with the Illinois Institute of Technology Chicago, USA, and continues to maintain global standards of excellence in education and research. The Institute has attained a status of eminence in academia, R&D, consultancy - in India and around the world. The faculty members maintain close interaction with the industry, government, statutory organizations etc. and contribute extensively to research, industrial consultancy and public policy.

Faculty

Particular	Name	Field of Research Specialization
Professors (re-employed)	Virender Kumar Rattan	Thermodynamics/Environmental Engineering
	Rakesh Kumar Chhabra	Magneto hydrodynamics/ Electrohydrodynamics Stability Problems
	Ravinder Kumar Wanchoo	Complex flow hydrody-namics, Heat transfer, Modeling & Simulation, Polymer Physics
Professors	Meenakshi Goyal (<i>Chairperson</i>)	Chemical Technology -I and II, Science & Technology of Carbon
	U.S. Shivhare	Food Technology
	Neeta Sharma	Inorganic Chemistry, Applied/Environmental Chemistry, Analytical Techniques/Chemistry
	Sanchita Chauhan	Reaction Engg., Env. Engg., Modeling and Simulation
	Amritpal Toor	Mass transfer and Environment Engineering
	Anupama Sharma	Polymer Science Engineering, Polyurethane Synthesis & Modeling
	Anupama Thakur	Polymer Science Engineering
	Seema Kapoor	Thermodynamics, Energy Technology, Bio-material Engg.
	Ritu Gupta	Hydrodynamics, Process Dynamics & Control, Modeling & Simulation
	Urvashi Gupta	Stability Problems in Hydromagnetics
Sushil Kumar Kansal	Mass Transfer/ Environmental Engineering/Nano Technology	

Associate Professor	Subodh Kumar Aggrawal	Heat Transfer
Assistant Professors	Santanu Basu	Food Technology
	Gargi Ghoshal	Food Technology
	Maninder Kaur	Power System
	Gaurav Verma	Polymers and Material Science, Nano Technology
	Amit Sobti	Complex flow hydrodynamics
	Baljinder Kaur Gill	Chemical Thermodynamics
	Gaurav Rattan	Thermodynamics
	Surinder Singh	Petroleum Engineering, Separation Technology, Energy & Environment
	Sonia Sharma	Nano Biomaterial
	Jodh Singh	Mechanical Engg.
	Nidhi Singhal	Management
	Harjit Kaur	Management
	Sanjeev Kumar Gautam	Experimental Condensed Matter Physics

Courses Offered :

Course	Seats	Duration	Eligibility/Admission Criteria
B.E. (Chemical)	89+11 NRI	4 years (8 Semesters)	Refer to Joint Admission Brouchure-2016 on Panjab University website (uicet.puchd.ac.in)
B.E. (Food Technology)	30+3 NRI	4 years (8 Semesters)	-do-
5½ Year Integrated B.E. (Chemical with MBA)	36+5NRI+ 3EWS	5½ years (Semester System)	-do-
M.E. (Chemical)	20	2 years (4 Semesters)	B.E./B.Tech. (Chemical) (04 years) or Five Year Integrated B.E.(Chem.)with MBA with a CGPA of 6.00 or at least 60% marks in the aggregate (where % marks are awarded) in the qualifying examination i.e. B.E./B.Tech. (Chemical) (04 years) or Five Year Integrated B.E.(Chem.)with MBA or any other equivalent qualifying degree as approved by the Syndicate. Admission is on the basis of Entrance Test P.U.-CET-(P.G.) and interview to be conducted by the Panjab University. The merit list of eligible P.U.-CET-(P.G.) qualified candidates shall be as per the following criteria: Degree Marks : 50% Entrance Test : 50%

			GATE qualified candidates will be exempted from the P.U.-CET-(P.G.). However, in case of eligible GATE qualified candidates the merit list will be as per the Percentile obtained and shall be offered the seat at the first instance.
M.Tech. (Polymer)	15+5 Part-time	2 years (4 Semesters)	B.E./B.Tech. (Chemical) (04 years) or Five Year Integrated B.E.(Chem.) with MBA with a CGPA of 6.00 or at least 60% marks in the aggregate (where % marks are awarded) in the qualifying examination i.e. B.E./B.Tech. (Chemical)(04 years) or Five Year Integrated B.E.(Chem.)with MBA or any other equivalent qualifying degree as approved by the Syndicate.

OR

Master's degree in Technical Chemistry/Applied Chemistry/ Industrial Chemistry/Chemistry (with Mathematics upto graduation or an equivalent examination) with at least 55% marks in the aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.

Admission is on the basis of Entrance Test P.U.-CET-(P.G.) and interview to be conducted by the Panjab University. The merit list of eligible P.U.-CET-(P.G.) qualified candidates shall be as per the following criteria:

Degree Marks : 50%

Entrance Test : 50%

GATE qualified candidates will be exempted from the P.U.-CET-(P.G.). However, in case of eligible GATE qualified candidates the merit list will be as per the Percentile obtained and shall be offered the seat at the first instance.

M.E. (Chemical with specialization in Environmental Engineering)	10	2 years (4 Semesters)	B.E./B.Tech. (Chemical) (04 years) or Five Year Integrated B.E.(Chem.)with MBA with a CGPA of 6.00 or at least 60% marks in the aggregate (where % marks are awarded) in the qualifying examination i.e. B.E./B.Tech. (Chemical)(04 years) or Five Year Integrated B.E.(Chem.)with MBA or any other equivalent qualifying degree as approved by the Syndicate.
--	----	--------------------------	--

Admission is on the basis of Entrance Test P.U.-CET-(P.G.) and interview to be conducted by the Panjab University. The merit list of eligible

			<p>P.U.-CET-(P.G.) qualified candidates shall be as per the following criteria: Degree Marks : 50% Entrance Test : 50%</p> <p>GATE qualified candidates will be exempted from the P.U.-CET-(P.G.). However, in case of eligible GATE qualified candidates the merit list will be as per the percentile obtained and shall be offered the seat at the first instance.</p>
M.E. (Food Technology)	10	2 years (4 Semesters)	<p>B.E./B.Tech. degree in Food Technology/Dairy Technology/Agricultural Engineering/Food Engineering/Chemical Engineering/Chemical Technology (04 years) or Five Year Integrated B.E.(Chem.) with MBA or any other equivalent qualifying degree as approved by the Syndicate with a CGPA of 6.00 or at least 60% marks in the aggregate (where % marks are awarded).</p> <p>Admission is on the basis of Entrance Test P.U.-CET-(P.G.) and interview to be conducted by the Panjab University. The merit list of eligible P.U.-CET-(P.G.) qualified candidates shall be as per the following criteria: Degree Marks : 50% Entrance Test : 50%</p> <p>GATE qualified candidates will be exempted from the P.U.-CET-(P.G.). However, in case of eligible GATE qualified candidates the merit list will be as per the percentile obtained and shall be offered the seat at the first instance.</p>
M.Sc. (Industrial Chemistry)	17	2 years (4 Semesters)	<p>B.Sc. (Three Year Course) with Mathematics and Chemistry as compulsory subjects/B.Sc. (Hons.School) Chemistry/B.Sc. (Hons.) Chemistry with Maths as a compulsory subject/B.Sc.(Three Year Course) with Industrial Chemistry and Mathematics as compulsory subject or any other equivalent examination as approved by the Syndicate, Panjab University, Chandigarh. A candidate seeking admission must have obtained a minimum CGPA of 5.5 OR 55% marks (where % marks are awarded) in the qualifying examination mentioned above.</p> <p>Admission is on the basis of Entrance Test P.U.-CET-(P.G.) and interview to be conducted by the Panjab University. The merit list of eligible</p>

P.U.-CET-(P.G.) qualified candidates shall be as per the following criteria:

Degree Marks : 50%

Entrance Test : 50%

Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines
-------	----------------------------------	-----------	----------------------------------

Title of Syllabi (Detailed Syllabi already exists on the P.U. website)

Thrust Areas :

Adsorption of some organic and inorganic adsorbates from aqueous solution on activated carbons, Polyurethane-clay nanocomposites coatings, Nanomaterials and their application, Polymer based nanocomposites, Modeling of polymer reactors, Polymer Rheology, Environment Engineering, Chemical Reaction Engineering & Thermodynamics, Agro Residues and Food Processing, Biomaterials, Biopolymers, Food Product Development.

UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY

About the Institute

UIET was established by Panjab University as a constituent institute in 2002. With the vision to be the frontrunner in engineering education and research, the mission of University Institute of Engineering and Technology (UIET) is to produce professionally competent students for career in engineering and technology by providing value-based quality education.

It offers four years Bachelor of Engineering (B.E.). and full time PhD in Biotechnology, Computer Science and Engineering, Information Technology, Electrical and Electronics, Electronics and Communication and Mechanical Engineering. It offers 8 Post graduate Programmes in Biotechnology, Computer Science and Engineering, Information Technology, Electrical, Electronics and Communication, Mechanical Engineering, Material Science & Technology and Microelectronics. Five UG Programs have got N B A accreditation namely Biotechnology, Computer Science and Engineering, Electrical and Electronics, Electronics and Communication, Mechanical Engineering .UIET has MOUs with industry leaders and academia like Infosys, Spice Digital Limited, PGIMER, CSIO, C-DAC, The University of Western Australia, IIT Kanpur, IIT Roorkee etc.

Being University Institute, Research and Development is the focus of the institute. Faculty members carry out R&D activities Institute that result in published research work at the national and international level. The faculty is working on various sponsored research work at the national and international level. The faculty is working on various sponsored research projects from different agencies like DIT, AICTE, DST and Department of Biotechnology etc. Conferences, Seminars and Workshops are continuous process of interaction at various levels among the students, faculty and the experts from industry as well as organizations. Integrated development of the students as professionals with soft skills is emphasized upon.

Presently UIET is handling two Pretigious Projects namely **Technical Education Quality Improvement Programme (TEQIP-II)** with the World Bank assistance of Rs. 10 crore. The main emphasis of this project is to improve the overall quality of existing Engineering Education. The Other Project is **Design Innovation Centre (DIC)** which is an initiative of Ministry of Human Resource Development (MHRD). Government of India to nurture design and innovation culture in engineering education. It follows the hub and spoke model where UIET will act as a hub and PEC University of Technology, CSIO, HSJ Institute of Dental Sciences will contribute as the spokes and will share their expertise, facilities and experience in achieving the objectives of DIC with financial outlay of Rs. 10 crore.

Faculty

Professors	:	Renu Vig (<i>Director</i>) J.K. Goswamy Harmesh Kumar	Savita Gupta Sanjeev Puri Vinay Kanwar	Sukhwinder Singh Gurdeep Singh
Associate Professors	:	Manoj Kumar Sharma Harish Kumar Sunil Aggarwal	Manu Sharma Sarbjeeet Singh Naveen Aggarwal	Sanjay Vohra Sakshi Kaushal Ajay Mittal
Assistant Professors	:	Monika Randhawa Y.P. Verma Sharmelee Thangjam Kalpana Dahiya Vishal Sharma Mukesh Kumar Jaspreet Kaur Nirmal Kaur Gagandeep Singh Mintto Rattan Prasanta Kumar Nanda Mary Chatterjee Sunil Bansal Vivek Pahwa Nidhi Ravreet Kaur	Roopali Garg Arvind Kumar Deepak Kumar Naresh Kumar Jaget Singh Shankar Sehgal Hema Setia Mamta Juneja Aditya Kaushik Anil Kumar Sonia Kapoor Jagjit Singh Aditi Gupta Sabhyata Sonia Preeti Aggarwal Deepti Gupta	Inderdeep Kaur Saurabh Bhatia Veenu Mangat Amrinder Pal Singh Sumit Budhiraja Mandeep Kaur Anupreet Kaur Rohit Kumar Tukesh Soni Renu Thapar Madhu Khatri Neelam Goel Suresh Kumar Yogita Nihima

Faculty on Contract:

Name	Designation	Name	Designation
Jyoti Sood	Asstt. Prof. Appli. Phys.	Jyoti Sharma	Asstt. Prof. Math
Dhriti	Asstt. Prof. CSE	Hitesh Kapoor	Asstt. Prof. Mgt.
Anu Jhamb	Asstt. Prof. Management	Anaahat Dhindsa	Asstt. Prof. ECE
Geetu	Asstt. Prof. Physics	Jatinder Singh	Asstt. Prof. ECE
Sarvjit Singh	Asstt. Prof. ECE	Gurmukh Singh	Asstt. Prof. IT
Garima Joshi	Asstt. Prof. ECE	Daljit Kaur	Asstt. Prof. ECE
Sanjiv Kumar	Asstt. Prof. ECE	Rajni Sobti	Asstt. Prof. IT
Sukhvinder Singh	Asstt. Prof. IT	Renuka Rai	Asstt. Prof. Chem.
Shaweta Mehta	Asstt. Prof. IT	Pardeep Kaur	Asstt. Prof. ECE
Manisha Kaushal	Asstt. Prof. CSE	Harvinder Kaur	Asstt. Prof. ECE
Ranjana Bhatia	Asstt. Prof. Bio-Tech	Anu Priya Minhas	Asstt. Prof. Bio-Tech
Prabhjot Kaur	Asstt. Prof. Maths	Vijay Kumar	Asstt. Prof. Micro-ECE
Parminder Kaur	Asstt. Prof. Bio-Tech	Minakshi Garg	Asstt. Prof. Bio-Tech
Gurpreet Kaur	Asstt. Prof. ECE	Kuldeep Singh Bedi	Asstt. Prof. EEE
Gursharan Singh	Asstt. Prof. Bio-Tech	Chander Prakash	Asstt. Prof. Mech.
Amit Thakur	Asstt. Prof. Mech.	Mamta Sharma	Asstt. Prof. Applied Phy.
Leetika	Asstt. Prof. Math	Munish Kansal	Asstt. Prof. Applied Maths
Gurjinder Singh	Asstt. Prof. Appli. Maths	Ramesh Singla	Asstt. Prof. IT

Guest Faculty

In addition to the regular faculty, UIET is utilizing the expert knowledge of senior faculty of other departments of Panjab University and from professional institutes like PEC University of Technology, National Institute of Pharmaceutical Education & Research (NIPER), Institute of Microbial Technology (IMTECH) and NITTTR, Chandigarh, College of Engineering & Technology, etc.

Courses Offered:

Bachelor in Engineering (B.E.)

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Computer Science & Engineering	108+5 EWS +5 NRI	4 years (8 Semesters)	Admission will be based on Rank declared by CBSE by giving 40% weightage for performance in class 12th Board marks normalized on percentile basis and 60% weightage given for performance in JEE (Main). The candidate should have passed 10+2 or its equivalent examination with at least 45% marks in aggregate (40% marks in case of S.C./S.T./Physically Challenged), conducted by a recognized Board/ University/ Council in March/April 2016 and not Earlier than March/April 2014. All the candidates declared eligible by CBSE for BE counselling are eligible for registration for B.E. Courses.
Information Technology	108+5 EWS +5 NRI	4 years (8 Semesters)	
Electronics & Communication	120+5 EWS +5 NRI	4 years (8 Semesters)	
Bio-Technology	81+4 EWS +3 NRI	4 years (8 Semesters)	
Electrical and Electronics	81+4 EWS +3 NRI	4 years (8 Semesters)	
Mechanical	81+4 EWS +3 NRI	4 years (8 Semesters)	

Master in Engineering

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Computer Science & Engineering	20*+2 NRI	2 years (4 Semesters)	B.E. or B.Tech. or equivalent degree in Computer Engineering Science and Engineering/ Information Technology with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto. Only Gate qualified candidates will be considered.
Information Technology	20*+2 NRI	2 years (4 Semesters)	B.E. or B.Tech. or equivalent degree in Information Technology/Computer Science & Engineering/Electronics & Communication Engineering/Electronics & Electrical Engineering/ Software Engineering with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto. Only Gate qualified candidates will be considered.

Electronics & Communication	20*+2 NRI	2 years (4 Semesters)	B.E. or B.Tech. or equivalent degree in Electronics/Electronics & Communication Engineering/Engineering/Electronic and Telecom Engineering with at least 60% marks in aggregate from Panjab University or any other university recognized by Panjab University as equivalent thereto. Only GATE qualified candidates will be considered.
Mechanical Engg.	20*+2 NRI	2 years (4 Semesters)	B.E./B.Tech. in Mechanical Engineering/ Production Engg. with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto. Only GATE qualified candidates will be considered.
M.Tech. Microelectronics	12*+3 SC/ST +2 NRI	2 years (4 Semesters)	B.E./B.Tech. or equivalent degree in Computer Science and Engineering/Electrical/Electronics/ Microelectronics/Electronics & Electrical Communications/Electronics & Telecommunication/ Information Instrumentation Engineering/M.Sc. Applied Physics/M.Sc. Physics with specialization in Electronics or M.Sc. in Electronics (as approved by AICTE) with minimum 60% marks in aggregate from Panjab University or any other university recognized by Panjab as equivalent thereto. Only GATE qualified candidates will be considered.
Electrical Engg. (Power System)	20*+2 NRI	2 years (4 Semesters)	B.E./B.Tech. in Electrical/Electrical & Electronics Engineering with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.

Admission will be done on the basis of GATE Score. In case left over seats, admission will be done on the basis of Entrance Test P.U.-CET-(P.G.) to be conducted by the Panjab

University and interview according to the following criteria :

Academic Weightage : 50%

Entrance Test : 50%

M.Tech Material Science & Technology 20*+2 NRI 2 years (4 Semesters)

M.Sc. (Physics), M.Sc. (Chemistry), B.E. Mechanical/Electrical/Electrical & Electronics/Civil/Production/Chemical with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto

Admission will be done on the basis of GATE Score. In case left over seats, admission will be done on the basis of Entrance Test P.U.-CET-(P.G.) to be conducted by the Panjab University and interview according to the following criteria :

Academic Weightage: 50%

Entrance Test : 50%

M.E. Biotechnology 20*+2 NRI 2 years (4 Semesters)

B.E. (Biotechnology) with atleast 60% marks in aggregate from Panjab University or any other University recognized by Panjab as equivalent thereto

Admission will be done on the basis of GATE Score. In case left over seats, admission will be done on the basis of Entrance Test P.U.-CET-(P.G.) to be conducted by the Panjab University and interview according to the following criteria :

Academic Weightage: 50%

Entrance Test : 50%

***No. of Gate scholarship approved in various ME/M.Tech. programme are as below :**

Branch	Approved scholarships
Electronics and Communication	16
Computer Science & Engineering	20
Information Technology	18

Mechanical Engineering	18
M.Tech. Microelectronics	12

The candidates will get these fellowships/scholarships on merit basis. The candidates admitted beyond the approved scholarships will have no claim for the same.

ADMISSION CRITERIA FOR M.E./M.TECH.

B.E. or B.Tech. or equivalent degree in their respective streams with at least 60% marks in the aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.

Thrust Areas

UIET has been selected for SAP by UGC under which grant of Rupees forty six lakhs has been awarded to UIET for carrying out Research in the field of "Signal Processing" particularly in the area of "Active Noise Control".

Under TEQIP-II Project, UIET has been selected under Sub-Component 1.1 for Strengthening infrastructure to improve learning outcomes and employability of graduates for which Rs. Ten crores have been sanctioned. Recently MHRD has approved additional Rs. Five crores to UIET for strengthening infrastructure for enhancing employability of students.

The other project is Design Innovation Centre (DIC) which is an initiative of Ministry of Human Resource Development (MHRD), Government of India to nurture design and innovation culture in engineering education. It follows the hub and spoke model where UIET will act as a hub and PEC University, CSIO, HSJ institute of Dental Sciences will contribute as the spokes and will share their expertise, facilities and experience in achieving the objectives of DIC with financial outlay of Rs. 10 crore. In addition to this 28 research projects are ongoing with DST, DRDO, UGC etc.

Faculty is working in various areas like Medical Image Processing, Computer Net Working, Cloud Computing, Nano-Materials, Stem Cells, Wireless Communications, Power Systems, Composite Materials etc.

UNIVERSITY CENTRE OF INSTRUMENTATION & MICROELECTRONICS

About the Centre :

The University Centre of Instrumentation and Microelectronics (UCIM) was established in 1995 and offers M.Tech. (Instrumentation) and M.Sc. (Instrumentation) Courses, each of 2 years (4 semesters) duration. The objective of the centre is to generate trained manpower for Modern Sophisticated Instrumentation and for Microelectronics applications. The facilities available have been supplemented by combining with it the DST funded Sophisticated Analytical Instrumentation Facility (SAIF), Central Instrumentation Laboratory (CIL) and University Science Instrumentation Centre (USIC) which are housed in the same building.

Faculty

Professor	:	Surinder Kumar Mehta (Director)
Associate Professor	:	H.P.S. Kang
Assistant Professors	:	Poonam Kumari, Ramesh K Sharma, Anil K Sharma

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY	ADMISSION CRITERIA
M.Tech. (Instrumentation)	10+3 SC/ST+2 NRI	2 years (4 Semesters)	B.E./B.Tech. or equivalent Degree in Chemical/ Computer/ Electrical/ Electronics/ Mechanical/ Production/Instrumentation/ Bio-medical Engineering/ M.Sc. in Physics or Electronics or Instrumentation (as approved by AICTE), with minimum 50% marks in aggregate.	Admission to M.Tech (Instrumentation) will be made by admitting GATE qualified candidates. The merit list will be prepared according to the following criteria: GATE Score : 50% Academic Weightage : 50% Academic Weightage will be based on the percentage of marks obtained by the eligible candidates in the qualifying examination (B.E./ B.Tech/M.Sc.).
M.Sc. (Instrumentation)	20	2 years (4 Semesters)	B.Sc. with Physics/Electronics/Instrumentation Science/Computer Science/Vocational Physics/Electronics or B.E. (E & TC)/ Instrumentation/Electrical and Electronics/ Electronics & Electrical Communication Engineering, with minimum 50% marks in aggregate	The merit list will be made on the basis of academic weightage of the eligibility qualification.

Titles of Syllabi:

M.Tech. (Instrumentation), M.Sc. (Instrumentation)

Thrust Area :

The Centre houses Sophisticated Instruments and facilities under SAIF viz TEM,SEM,NMR, LC-MS/MS, XRD powder, CHN-SO,UV-VIS-NIR, WD-XRF, FTIR SPECTROMETER, LIQUID NITROZEN PLANT. The SAIF has undergone a rejuvenation phase by replacing some key instruments by state-of-art counterparts. The facilities of the centre go a long way in improving the quality of Research being carried out in Research Institutes and Universities in the entire region comprising the states of Punjab, Haryana, HP, UP, Rajasthan and even Eastern, Western and Southern parts of the country. These facilities are also made available to the Industry. It also runs training programmes in technical skills for the benefit of Scientific community and associated laboratory staff from different institutes.

VI. FACULTY OF LANGUAGES

DEPARTMENT OF CHINESE AND TIBETAN LANGUAGES

About the Department

The Department of Chinese and Tibetan Languages was established in 1964 under the name of Central Asian Studies with the aim to teach Chinese language, Tibetan language and to provide the language assistance for the research work undertaken in the respective thrust area. It was renamed as Department of Chinese and Tibetan Languages in 2003. At present department runs Certificate, Diploma and Advance Diploma in Chinese and Tibetan. Besides these, department provides research guidance in Chinese Language, Chinese Studies, Tibetan Language, Tibetan Studies.

Prof. Damodar Panda is at present the Chairperson. He joined the department as Associate Professor in Chinese in 1999. Earlier, he served as Assistant Professor at University of Hyderabad, Hyderabad. He also served as Professor at Visva-Bharati University, Sanitniketan. He went to Beijing, China under the Bilateral Cultural Exchange Programme from 1990-92 to do higher studies in Chinese language and Chinese studies. Professor V.K. Singh teaches Tibetan.

Building:- Department is situated in the Ground Floor of Arts Block-5.

Department library:- Department has a small library. The library is equipped with books and journals in Chinese Language, Chinese Studies, Tibetan Language, Tibetan Studies.

Faculty

Professors : **Damodar Panda**
(Chairperson)
Vijay Kumar Singh

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY / ADMISSION CRITERIA
Certificate in Chinese	57	1 year	Intermediate/Hr. Sec./Pre-Univ./+2
Diploma in Chinese	30	1 year	Certificate in Chinese (From any recognized University)
Advance Diploma in Chinese	25	1 year	Diploma in Chinese (From any recognized University)
Certificate in Tibetan	57	1 year	Intermediate/Hr. Sec./Pre-Univ./+2
Diploma in Tibetan	17	1 year	Certificate in Tibetan (From any recognized University)
Diploma of Proficiency of Interpretership in Tibetan	11	1 year	Diploma in Tibetan (From any recognized University)

Post Graduate Diploma in Buddhist Studies	20	1 year	Graduation in any discipline from any recognized University
*M.A. Buddhist and Tibetan Studies	Private	2 years	Graduation in any discipline from any recognized University For Tibetan Studies)
Ph. D. in Chinese/ Chinese Studies	Subject to availability of seats	3-5 years	See General Important Guidelines
Ph. D. in Tibetan/Buddhist Studies	Subject to availability of seats	3-5 years	See General Important Guidelines

*M.A. Buddhist and Tibetan Studies for Private Candidates only.

Thrust areas : Chinese Language, Chinese Studies, Tibetan Language, Buddhist Studies.

DAYANAND CHAIR FOR VEDIC STUDIES

About the Chair

The department of Dayanand Chair for Vedic Studies was established in 1975. The aims and objects of the Chair include the research work on Vedas, Philosophy of Swami Dayanand and Vedic Interpretation of Dayanand. Contribution of Dayananda to Vedic Studies & Indian Philosophy is well known to the Sanskrit World. Research leading to PhD degree is conducted. Published Research work by the faculty in the journals of Vedic Studies contributes to the academic growth of the knowledge concerning various Vedic Texts.

There are two permanent positions in the faculty, one of a Professor and the other of a Assistant Professor. There is one tenure post of Research Fellow. At present Prof Virendra Kumar Alankar is the Chairperson of the department.

Faculty

Particulars	Name	Field of Research Specialization.
Professor	Virendra Kumar Alankar (Acting Chairperson)	<i>Ved, Grammar, Darshan & Literature</i>

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY / ADMISSION CRITERIA
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Thrust Areas

The research work on Vedas and Vedic Literature, Philosophy of Swami Dayananda and his interpretation of the Vedas and historical study of Arya Samaj & Vedic Thinkers.

interpretation of the Vedas and historical study of Arya Samaj & Vedic Thinkers.

DEPARTMENT OF ENGLISH AND CULTURAL STUDIES

About the Department

The Department of English is one of the premier Centres of English in the country. It offers subject ranging from Contemporary British Literatures to Indian Writing in English, from World Literatures to Contemporary Critical Approaches. It has a Language Lab. with multi-media facilities. In addition, there is a Library which stocks relevant books on literature and language. Apart from imparting instruction at the Master's and Under-graduate (B.Sc. Hons.) levels, research work on a large scale in new and challenging areas is being conducted by the faculty as well as students.

The department organizes curricular and extra-curricular activities: Quiz Contests, Seminars, Declamation Contests, Group Discussions and annual play productions. In addition, the Department brings out a referred research journal bi-annually. The faculty of the Department is actively engaged in research pursuits and each member has authored several books/research papers. The faculty includes several highly visible academics who have travelled extensively for academic purposes.

UGC-Special Assistance Programme had been sanctioned to the Department for 5 years-April 2011 to March 2016.

Faculty

Particulars	Name	Field of Research Specialization
Re-Employed Professors	Shelley Walia	<i>Cultural Studies and Post Colonial Theory & Literature</i>
	Manju Jaidka	<i>Poetry, American Literature</i>
	Pushpinder Syal	<i>Linguistics, ELT, Indian, Australian and African Literature</i>
Professors	Anil Raina	<i>Literary Theory</i>
	Rana Nayar	<i>Drama/Theatre/Translation Studies/Literary Theory</i>
	Harpreet Pruthi	<i>Australian Literature, Shakespeare, Postcolonial Literature</i>
	Lovelina Singh	<i>American Literature/European Literature</i>
	Pratibha Nagpal	<i>Indian Literature, Indian Writing in Translation, Cultural Studies</i>
	Rumina Sethi (Chairperson)	<i>Postcolonial Theory, Indian Writing, Gender Studies</i>
Asstt. Professors	Deepti Gupta	<i>Linguistics. ELT</i>
	Akshaya Kumar	<i>Comparative Indian Literature, Cultural Studies</i>
	Surbhi Goel	<i>Cinema, Film Studies</i>
	Meenu Gupta	<i>Literary Theory, Poetry</i>
Teacher's Fellow	Sudhir Mehra	<i>Dalit Literature</i>
	Navdeep Kohal	Asstt. Professor, Govt. College for Girls, Patiala.
UGC SRFs	Navchetan Benipal, Manjot Kaur, Amandeep Kaur, Jasleen Sahota	
UGC JRFs	Monica Sabharwal, Harsh Bhardwaj, Jaidev Bishnoi, Dinesh Kumar, Raj Kumar Gurleen Kaur, Pooja Malik	

Univ.Fellowship Ishan Sharma
 Rajiv Gandhi Fellowship Harpreet Kaur

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	100 +15 NRI	2 years (4 Semesters)	<p>A person who has passed one of the following examinations from Panjab University or from any other University whose examination has been recognized equivalent to the corresponding examination of this University. :</p> <ul style="list-style-type: none"> i B.A. with Honours in English ii Bachelor's degree in any faculty with at least 50% marks in the aggregate iii Diploma in Physical Education examination or Postgraduate Diploma in Library Science after having passed B.A. or B.Sc. iv B.A. (Pass)/B.Sc. (Pass) examination in full subjects obtaining at least 45% marks in the Elective English v Obtained B.A. degree through English only regulation obtaining at least 45% marks in the Elective English vi Obtained B.A. after passing examination in an Oriental Classical Language or a Modern Indian Language with at least 45% marks (out of the aggregate excluding the additional paper) at the Honours in Oriental Titles or Modern Indian Language examination in English vii Mastewr's degree examination in another subject or another Faculty viii B.A. examination under Social Service Regulations or under War Regulations and has subsequently passed in the subject concerned at the B.A. examination obtaining at least 45% marks ix B.Sc. (Hons. School) <p>The pass percentage in case of entrance test in English stands increased to 35% (30% in case of candidate belonging to SC/ST/BC) w.e.f. the session 2013-2014</p>

M.Phil.	20+2NRI	1 year (2 Semesters)	Master's Degree with 55% admission based on Dept. Entrance Test & Interview.
Ph.D.	Subject to availability of seats	3-5 years	Master's Degree with 55% admission based on P.U Entrance/UGC-NET/JRF, College Teachers (affiliated to P.U) SLET National /International Scholarship Holders etc.
English Proficiency Course	30	3 months	Graduation in any discipline.

Title of Syllabi :

M.A.

SEMESTER-I

- Paper I : Literary Criticism-I
 Paper II : British Poetry-I
 Paper III: British Drama-I
 Paper IV: British Fiction-I

SEMESTER-III

- Paper I : Literary Theory-I
 Paper II : Indian Writing in English
 Paper III : (opt. i) Postcolonial Studies
 (opt. ii) Linguistics-I
 (opt. iii) American Literature-I
 (from 1800 to the present)
 (opt. iv) Indian Literary Criticism
 and Theory-I
 Paper IV : (opt. i) Cultural Studies-I
 (opt. ii) Applied Linguistics-I
 (opt. iii) World Poetry/Novel in
 Translation
 (opt. iv) Shakespeare-I

SEMESTER-II

- Literary Criticism-II
 British Poetry-II
 British Drama-II
 British Fiction-II

SEMESTER-IV

- Literary Theory-II
 Indian Writing in Translation
 (opt. i) Postcolonial Studies-II
 (opt. ii) Linguistics-II
 (opt. iii) American Literature-II
 (opt. iv) Indian Literary Criticism and Theory-II
 (opt. i) Cultural Studies-II
 (opt. ii) Applied Linguistics-II
 (opt. iii) World Drama in Translation
 (opt. iv) Shakespeare-II

M.Phil./Ph.D. Courses

Research Methodology and Critical approaches to Literature, Narrative and Narratology, Novel and Colonial Experience, Discourse analysis of Film and Media, Turns in Literary Theory, Australian Literature, Study of Genre: Tragedy, American Jewish Fiction, Applied Linguistics, ELT & Stylistics, Linguistics and Literature, Popular Indian Media and Culture: Texts and Contexts, Children's Literature, Documentary Cinema in the 21st Century.

Thrust Area

The Department concentrates on a wide range of subjects which includes: British Literature (Poetry,

Prose, Fiction and Drama) American Literature, World Literature, Post Colonial writings, Critical Theory, Australian Literature, Linguistics & Communication Skills, Feminism (Theory & Practice) Film & Media, Discourse and Cultural Studies.

DEPARTMENT OF FRENCH AND FRANCOPHONE, LANGUAGES, LITERATURE AND CULTURE STUDIES

About the Department

After having shifted to Chandigarh in 1959, the steady growth of the Department of French shows its resilience, as it is the most vibrant foreign language department, north of Delhi. Keeping pace with the changing times, it has been rechristened the Department of French & Francophone Studies. In order to participate in the economic development, the Department, under the aegis of CIIPP, carries out translation projects for the corporate sector.

Under the auspices of the French Literary Society, various academic and cultural activities are conducted throughout the year. Lectures by eminent scholars are also arranged. It is compulsory for all students of the Department to enroll themselves as members of the Society at the time of admission. The Department uses audio-visual aids including computer for the teaching of French. The library of the Department Bibliothèque Michel Déon has a rich collection of books in French.

Faculty

Particulars	Name	Field of Research Specialization
Professor	Cecilia Antony	<i>Theatre (XXth Century)</i>
Associate Professor (<i>Re-employed</i>)	M.G Singh	<i>Linguistics</i>
Associate Professor	Gunita Randhawa	<i>Translation</i>
Assistant Professor (<i>Re-employed</i>)	A.R. Tickoo	<i>Prose (XXth Century)</i>
Assistant Professor	Ramnik Aurora (<i>Chairperson</i>)	<i>Travel Literature</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Certificate	286+38 NRI	1 year	Post Graduate/Graduate/Undergraduate candidates/ +2/ Hr. Sec. / Matric + Prep.
Diploma	50	1 year	Certificate course in French/B.A.I with French elective./A2 de L' Alliance Française/Equivalent exam. recognized by P.U.
Advanced Diploma	29	1 year	Diploma Course in French / B.A.II with French Elective/equivalent exam. recognized by P.U./BI de L' Alliance Francaise
M.A.	17	2 years	(i) B.A./B.Sc./B.Com./B.B.A./B.C.A. or Honours

(under 10+2+3 system of education) and Advance Diploma Course in French with at least 45% marks from the Panjab University or any other University.

OR

(ii) B.A./B.Sc./B.Com./B.B.A./B.C.A. (under 10+2+3 system of education) with at least 45% in French elective or Honours (under 10+2+3 system of education) from the Panjab University or any other University.

A candidate shall apply for M.A. in French only if he/she has knowledge of the language.

Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines
-------	----------------------------------	-----------	----------------------------------

Many students of the Department have received Scholarships for higher studies in France in various fields. The faculty participates regularly in national and international conferences to promote French language.

Title of Syllabi :

M.A.

Course No.	Title of the Course	Credit	Course No.	Title of the Course	Credit
SEMESTER-I					
FRH 101	History of French Literature (16 th & 17 th centuries)	4	FRD 103	French Drama (17 th & 18 th centuries)	4
FRL 102	Linguistics	4	FRT 104	Translation (Theory & Commentary)	4
SEMESTER-II					
FRC 201	French Civilization (Geography, History, French Revolution onwards)	4	FRD 203	French Drama (19 th & 20 th centuries)	4
FRL 202	Linguistics (Structural linguistics)	4	FRT 204	Translation (Theory & applied)	4
SEMESTER-III					
FRC 301	French civilisation (cinema, music, beaux-arts)	4	FRN 303	French Novel (18 th & 19 th centuries)	4
FRP 302	French Poetry (17 th & 19 th centuries)	4	FRM 304	Methodology of teaching French	4
SEMESTER-IV					
FRH 401	History of French Literature (18 th , 19 th , 20 th centuries)	4	FRF 403	French & Francophone Novel, 4 (20 th century)	4

FRP 402	French Poetry (20 th century)	FRM 404	Methodology of teaching French	4
---------	--	---------	--------------------------------	---

Thrust Areas

French Language & Literature, Francophone Literature, Travel Literature, Translation

DEPARTMENT OF GERMAN

About the Department

The Department of German was established in 1960. Starting with the elementary courses in the evening, the Department today offers Certificate, Diploma and Advanced Diploma Courses, and Ph.D. Programmes in German. The Department of German is the biggest Deptt. in the universities of Punjab, Haryana, Himachal, J & K and Uttaranchal. Many students of the Department have received Scholarships for higher studies in Germany in various fields. Through translation work for the CIIPP Cell of the University, the Department is actively providing support for the University's endeavour to serve the larger community. The faculty members participate regularly national and international conferences to promote German language, Literature and cultural studies and update their skills to teach the language.

Faculty

Particulars	Name	Field of Research Specialization
Professor	Man Mohan Singh Chauhan	<i>Language/ Literature</i>
Associate Professor	Jeewan Kumar Sharma (Chairperson)	<i>Language/ Translation</i>
Assistant Professor	Arijit Dakshi	<i>Language/ Literature</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Certificate Course	136	1 year	Hr. Sec./Pre-Uni./ +2 or equivalent or 3 years Diploma from Indo-Swiss Trg. Centre.
Diploma Course	34	1 year	Cert. Course in German / B.A. -I with German elective/ equivalent exam. recognised by P.U. (A2) Course of Goethe Institute, Max Mueller Bhavan. The students passing minimum level of A-2 examinations of Goethe Institute/Max Mueller Bhavan will be admitted to Diploma course in German.
Advanced Diploma Course	23	1 year	Diploma Course in German/equivalent exam. recognised by P.U. (B2) Course of Goethe Institute, Max Muller Bhavan. The students passing minimum level of B-2 examinations of Goethe Institute/Max Mueller Bhavan will be admitted to Advanced Diploma Course in German.

Title of Syllabi

- | | |
|---------------------------------|--|
| 1. Certificate Course in German | 3. Advanced Diploma Course in German |
| 2. Diploma Course in German | 4. M.A. German I, II, III & IV Semester. |

Ph.D.

Admission to Ph.D. in German will be made as per University rules.

Thrust area

German Language and Literature/Translation

GURU RAVI DASS CHAIR OF SANT SAHITYA STUDIES

Faculty

Professor **Pratibha Nagpal**
(*Chairperson*)

Guru Ravi Dass Chair of Sant Sahitya Studies is set up to study and research on various aspects of the life, work and teachings of the mystic poet, thinker and philosopher of 15th century Bhakti Movement, Guru Ravi Das. Often given the honorific title of 'bhagat' or 'saint', Guru Ravi Das is attributed with a large body of hymns, verses and poems that speak of universal brotherhood, tolerance, socialism, secularism, equality and breaking of caste and gender based hierarchies. Special emphasis is also laid on the study and research of Medieval Indian Sant Sahitya. The Chair encourages subject specific as well as comparative study and research of all Medieval Indian literature.

So far 35 students have been awarded Ph.D. degrees and more scholars are encouraged to enrol for the Degree of Doctor of Philosophy. The Chair is also engaged in collection of the rare manuscripts of the verses of Saint-poets of Medieval India for the department library.

DEPARTMENT OF HINDI

About the Department

The Department of Hindi was established in 1938. It is one the oldest Hindi Department in the Country. During early late Sixties, the Legendary Scholar, Acharya Hazari Prasad Dwivedi joined the Department as the Head. Since then, the Department has undoubtedly been major centers of Hindi Studies in the country. The Department provided good infrastructure, including computerization and the Departmental Library for students and researchers.

The Department has obvious contribution towards research in Hindi Studies through the works of Acharya Hazari Prasad Dwivedi. Dr. Ganpati Chander Gupt, Dr. Ramesh Kuntal Megh, Dr. Indernath Madan, Dr. Dharam Pal Maini, its great teachers, The Department has been publishing a leading National Journal of Resarch namely, "Parishodh" Well-known Hindi writers such as Mohan Rakesh, Ravinder Kalia, Dr. Ganga Prasad Vimal, Dr. Virendra Mehendiratta, Dr. Paresh, Dr. Atul Vir Arora have been among its students.

Faculty

Particulars	Name	Field of Research Specialization
Professors	Neerja Sood Bajjnath Prasad	<i>Katha Sahitya</i> <i>Bhakti Kavya</i>
Associate Professors	Satya Pal Sehgal	<i>Aadhunik Hindi Sahitya</i>

Ashok Kumar
(Chairperson)

Bhakti Kavya

Assistant Professor
Courses Offered :

Gurmeet Singh

Katha Sahitya

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	68	2 years (4 Semesters)	B. A. with 45% marks in Elective or 50% aggregate.
Diploma Course in Translation (English to Hindi)	68	1 year	Bachelor's Degree or equivalent Exams. in Admission criteria passed by University, including written test.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Thrust Area

Medieval and Modern Hindi Literature, Indian Poetries.

Specialization : Philology, Tradition of Hindi Ram Kavya, Hindi Fiction, Modern Hindi Poetry and Prose etc.

DEPARTMENT OF PUNJABI

About the Department

The Department of Punjabi was established in 1948 with its Campus at Khalsa College, Amritsar. Later on, it was shifted to Panjab University Campus in 1957. Its founder head Dr. Mohan Singh Dewana was eminent scholar of Persian, Sanskrit, Punjabi and oriental languages. The pioneer work of compilation of historiography and history of Punjabi literature was initiated by him and completed by the faculty of the Department of Punjabi into three volumes, Professor Surinder Singh Kohli, Prof. Harnam Singh Shaan, Prof. Vishwa Nath Tiwari, Prof. Attar Singh, Dr. Balbir Singh Sandhu and Prof. Kesar Singh Kesar, etc. the scholars of repute in Punjabi Literary world, have enriched the intellectual strength of department with their expertise. This Department is a premier institution in the Northern-India. At present, all faculty members are well-known in their areas of specialization and research.

In the past, many National and International level seminars and, two World Punjabi Conferences were organized. Extension Lectures of eminent scholars in their research areas have been invited from time to time. At present, Prof. Sukhdev Singh, Prof. Yograj, and Dr. Sarabjit Singh have their expertise in the study of Modern Punjabi Literature, especially the poetry, Prof. Nahar Singh, Prof. Jagjit Singh and Prof. Joginder Singh Nehru (re-employed) have significantly contributed in the areas of Culture, Folklore, Fiction and Linguistics, respectively. The Publication of bi-annual Research Journal 'Parkh' is restarted, after a long gap. The ISSN number of this research journal is 2320-9690.

Faculty

Particulars	Name	Field of Research Specialization
<i>Professors (Re-employed)</i>	Nahar Singh	<i>Culture & Folklore</i>
	Jagjit Singh	<i>Linguistics</i>
	Joginder Singh Nehru	<i>Fiction & Criticism</i>
Professors	Uma Sethi (Chairperson)	
	Sukhdev Singh	<i>Modern & Medieval Punjabi Poetry and Literary Criticism</i>
	Yograj	<i>Modern Punjabi Poetry and Literary Criticism</i>
Assistant Professor	Sarabjit Singh	<i>Modern Punjabi Poetry</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	68	2 years (4 Semesters)	B.A. or equivalent with 45% in Punjabi elective or 50% aggregate, on Merit basis.
Cert. Course in Functional Pbi.	31+4 NRI	1 year	+2/B.A./Old F.A./equivalent without Pbi.
Diploma in Pbi. Language & Culture	17+2 NRI	1 year	B.A./B.Sc. without Pbi. or equivalent exam. or Pass Cert. Course in Func. Pbi. on Merit basis.
Diploma in Translation (Eng. to Pbi.)	11	1 year	B.A. or equivalent exam.
M.Phil. (Punjabi)	25	1 year (2 Semesters)	See General important Guidelines.
M. Phil (SGGS)	25	1 year (2 Semesters)	See General important Guidelines.

Titles of Syllabi: (Detailed Syllabi already exists on the P.U. Website)

M.A.

SEMESTER-I

Paper-I	:	Madhkali Pbi. Sahit da Itihas	Hons. Paper-XVII	Guru Nanak Bani-Deeragh
Paper-II	:	Sahit Sidhant, Sanatani Kaav Shastar ate Pbi Alochna	Hons. Paper-XVIII	Adhyan Pra-alochana Ate Punjabi Purav Marxvadi Alochna da Adhyan
Paper-III Opt (i)	:	Madhkali Pbi. Kaav -I		
Opt (ii)	:	Gurmat ate sufi kaav		
Paper-IV Opt (i)	:	Punjabi Novel da Adhian		
Opt (ii)	:	Punjabi Kahani da Adhian		

SEMESTER-II

Paper-V	:	Adhunik Pbi. Sahit da Itihas	Paper-VIII Opt (i):	Punjabi Novel da Adhian
Paper-VI Punjabi	:	Adhunik paschami kav	Opt (ii)	Punjabi ate Parvasi
Paper-VII Opt (i)	:	Shastar ate Viharak Alochna Madhkali Pbi. Kaav -II	Hons. Paper-XIX	Kahani da Adhian Varis Shah : Deeragh Adhian
Opt (ii)	:	Sufi, Kissa ate Bir kaav	Hons. Paper-XX	Uttar Marxvadi Punjabi Alochna da Adhian

SEMESTER-III

Paper-IX	:	Bhasha Vigyan ate Punjabi	Paper XII Opt (i)	Punjabi Natak ate
----------	---	---------------------------	-------------------	-------------------

Paper-X	: Bhasha Sabiachar, Lokdhara ate Punjabi Sabiachar	Opt (ii) Hons. Paper XXI	Rangmanch da Adhyan - I Vishaw Da Anuvadit Natak Shah Husain Deeragh Adhyan
Paper-XI Opt (i) Opt (ii):	: Adhunik Punjabi Kavita-I Adhunik Punjabi Birtantank Kavita-I	Hons. Paper XXII	Pakistani Punjabi Sahit

SEMESTER-IV

Paper-XIII	: Bhasha Vigyan, Punjabi Bhasha ate Gurmukhi Lipi	Paper XVI Opt (i)	Punjabi Natak ate Rangmanch da Adhiyan - II
Paper-XIV	: Punjabi Lokdhara ate Lok Sahit	Opt (ii)	Punjabi Vich Anuvadit Vishavda Natak
Paper-XV Opt (i) Opt (ii):	: Adhunik Punjabi Kavita-II Adhunik Birtantank Punjabi Kavita-II	Opt (iii) Hons. Paper XXIII Hons. Paper XXIV	Punjabi Vartak da Adhiyan Bhai Vir Singh-Deeragh Adhian Parvasi Punjabi Sahit

M.Phil. (Punjabi)

Course I	: Research Methodology and Critical approaches to Literature	Course III	Poetics of Punjabi Fiction, Drama & Prose
Course II	: Punjabi Poetry		

M.Phil. (SGGS)

Course I	: Research Methodology and Analytical Models	Course III	Philosophical and Conceptual Study of Guru Granth Sahib
Course II	: Linguistic, Literary and Cultural Perspectives of Guru Granth Sahib		

Diploma in Translation (Eng. to Punjabi)

Paper-I	: Principals and Problems of Translation	Paper-III	Practical Translation and Related Problems
Paper-II	: Problems of Vocabulary and Technical Terminology		

Thrust Areas

- (i) Modern Punjabi Literature and Theory of Literature.
- (ii) Punjabi Language, Folklore and Cultural studies.

BHAI VIR SINGH CHAIR IN MODERN LITERATURE

Faculty

Professor	: Vacant (Charge with Chairperson, School of Panjabi Studies)
-----------	--

The Chair enrolls students for Ph.D. who wish to undertake research on Modern Panjabi Literature & Comparative Literature.

LECTURES :

The Chair organises the following lectures :

- (i) Justice Teja Singh Memorial Lecture on Punjabi Culture and Punjabi Literature.
- (ii) Swami Ram Tirath Memorial Lecture on Spiritualism.

SHEIKH BABA FARID CHAIR OF MEDIEVAL INDIAN LITERATURE

About the Chair

The Chair was established in 1976.

Faculty

Professor : Vacant
(Charge with Chairperson, School of Panjabi Studies)

The Chair is devoted primarily to the study of Medieval Indian Literature with emphasis on comparative studies in Medieval North Indian Literatures especially Urdu and Hindi.

PUNJABI LEXICOGRAPHY

About the Department

The Department was established in 1972. The Department has undertaken three projects :

1. English-Punjabi Dictionary
2. Punjabi-English Dictionary
3. Punjabi-Punjabi Dictionary

Faculty

Professor : **Uma Sethi** (*Chairperson, School of Punjabi Studies*)
Assistant : Akwinder Kaur Tanvi
Professor

Two New Projects

1. Punjabi Natak Alochna Shabadavali Kosh (Pulished by the Publication Bureau, P.U., Chd.)
2. Kav Alochna Shabadavali Kosh

Thrust Areas

1. English-Punjabi Dictionary is being Completed up to Letter 'T'.
2. Punjabi-English Dictionary is to be revised.
3. The compliation of first six letters of Punjabi-Punjabi Dictionary.

DEPARTMENT OF RUSSIAN

About the Department

The Department was established in 1959. Russian Language is taught at Certificate, Diploma, Advanced Diploma, M.A. and Ph. D. level.

The department is equipped with 11 seater language laboratory which imparts instructions in phonetics of Russian and Slovak languages. It has also appropriate Audio-visual equipments to acquaint the students with life and culture of the people of Russia and Slovakia through slides and film shows in the department. The department of Russian also arranges cultural evening programmes with distinguished literary personalities from Russia, CIS countries and Slovakia to widen the cultural and literary horizon of its students.

Faculty

Particulars	Name	Field of Research Specialization
Professor	Pankaj Malviya (Chairperson)	<i>Russian Language & Literature</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Certificate	114	1 year	10+2
Diploma	29	1 year	Cert. Course in Russian or equivalent Exam.
Adv. Dip	17	1 year	Diploma Course in Russian or equivalent.
*M.A. (Russian) Private	Private	2 years	Adv. Dip. in Russian & Graduation in any discipline
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Class timings:

The classes for all the courses are normally held in the evening.

Morning/Afternoon groups for the Certificate Course in Russian Language can be arranged, if sufficient number of students opt for the same.

Title of Syllabi :

- Translation
- Language and Literature

Thrust Area

Translation Technique and Comparative Study of Russian and Indian Languages

* **M.A. (Russian) is available for private students only.**

DEPARTMENT OF SANSKRIT

About the Department

The Department was established in 1956. There are three courses in the department i.e. M.Phil, Post-graduate and Certificate Courses in Sanskrit. Besides this, the faculty of department is also supervising the research work of the students enrolled for PhD in the field of Literature, Philosophy, Grammar, Veda & Dharma Shastra.

The Department organizes special lectures and workshops on important aspect (Indian Philosophy, Classic Literature and Vedic Literature and Dharmashastras)

Faculty

Particulars	Name	Field of Research Specialization
Professors	V.K.Alankar Shankarji Jha (Chairperson)	<i>Ved, Grammar, Darshan & Literature</i> <i>Darshan & Literature, Grammer</i>

Courses Offered :

COURSES	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A.	68	2 years	As prescribed in Section 7.1 of Rules for Admission

		(4 Semesters)	+Aptitude test
M.Phil.	20	1 year (2 Semesters)	See General Important Guidelines
M.A.			
Ph.D.	Subject to	3-5 years	See General Important Guidelines
	i) वैदिक साहित्य		iii) व्याकरण तथा भाषा विज्ञान
	ii) लौकिक संस्कृत साहित्य		iv) दर्शन
SEMESTER-II			
	v) वैदिक साहित्य		vii) व्याकरण तथा भाषा विज्ञान
	vi) काव्यशास्त्र		viii) दर्शन
SEMESTER-III			
	ix) वैदिक साहित्य का इतिहास तथा अर्थशास्त्र		x) संस्कृत गद्य तथा निबन्ध
	Option : I - वेद		
	xi) वैदिक संहिता		xii) ब्राह्मण, श्रौत एवं गृह्यसूत्र
	Option : II - साहित्य		
	xi) काव्यशास्त्र		xii) गद्य और नाटक
	Option : III - संस्कृत व्याकरण		
	xi) व्याकरण प्रक्रिया		xii) संस्कृत व्याकरण दर्शन
	Option : IV - भारतीयदर्शन		
	xi) सांख्यदर्शन		xii) वेदान्त तथा मीमांसा
SEMESTER-IV			
	xiii) लौकिक संस्कृत साहित्य का इतिहास तथा स्मृति		xiv) गद्य तथा अनुवाद
	Option : I - वेद		
	xv) वैदिक संहिता		xvi) वेदाङ्ग
	Option : II - साहित्य		
	xv) काव्यशास्त्र		xvi) संस्कृत काव्य
	Option : III - संस्कृत व्याकरण		
	xv) व्याकरण		xvi) वाक्यपदीय दर्शन
	Option : IV - भारतीयदर्शन		
	xv) योगदर्शन		xvi) न्यायवैशेषिक

Ph.D.

There are 20 students who have been enrolled/registered for Ph.D. in the Department.

Thrust Areas

Study of Sanskrit Literature, Philosophy, Grammar, Veda in the light of Advanced Modern Technology and its comparison.

DEPARTMENT OF URDU/PERSIAN

About the Department

The department comprises with the subject of Urdu and Persian teaching and Ph.D. research work in both the subjects. The Department of Urdu was established in the year 1978 and later on the Persian studies were also started in the year 1985, with the founder members. Dr. Haroon Ayub in Urdu and Dr. Madhukar Arya in Persian, respectively. The Urdu and Persian studies had been the major subject of teaching in the Oriental College of Lahore which was later on established in the name of Panjab University at Lahore. The study of said courses were resumed by this University after the partition of India and at the first stage, the University introduced the certificate course in Urdu and Persian and later on the Diploma and Advance Diploma Courses were also started respectively. In the Year 1991, the Department became the Post Graduate Department where the regular teaching of M.A. in Urdu started. Now the same Post Graduate course in Urdu is run by the department under semester system, but in M.A. in the subject of Persian is remain under Annual system.

The Department has the Ph.D/ Research work in both the subjects i.e. Persian and Urdu and has awarded about 28 Ph.D. Degrees till today in both subjects. The Department has to separate Academic, Literary and Cultural Society in the name of Bazm-e-Adab Farsi and also Bazm-e-Adab Urdu which organizes the literary and cultural programs with the students of the Department and Urdu-Persian lovers.

From the session 2010-2011, the Department has been introduced job oriented courses in the subject of Urdu and Persian i.e. Mass Media and Journalism in the electronics media like Television and Radio and also for Print Media for the newspaper & magazine etc. The said job oriented courses of reading & syllabi was framed and introduced in the department in the light of challenges before the Urdu and Persian studies in the globalized world and globalization of the studies accordingly.

The Department is using Modern teaching Methods through Audio-Visual Software like CDs and Video Cassettes. Computer typing and use of Internet especially in teaching Urdu and Persian language and Literature. The Department has its own Departmental Library with a good number of reference and text books in the subjects of Urdu and Persian. The Department also receives journals and magazines regularly from Urdu Academy Delhi Ghalib Institute, Delhi, Academies of Iranian Academic Institutions and Iran cultural House, New Delhi & Iran too.

The Department organizes the Seminars, Conferences of National and International Level and also the Exhibition of Iranian paintings, Persian Books and other Exhibitions related to the Indo-Persian social and cultural relations along with the cultural festivals based on Indo-Persian traditions with the Iranian students with the help of Iran Cultural House. The Department also invites eminent and distinguished literary personalities of Urdu and Persian language and Literature, to deliver the lectures on the various topics related to the interests of Urdu/Persian lovers and for the benefit of the students of PhD's.

Faculty

Particulars	Name	Field of Research Specialization
Chairperson (Acting)	D.U.I.	
Associate Professor (Re-employed)	Madhukar Arya	<i>Classical and Modern Literature and Specialization in Sufism</i>
Assistant Professor	Ali Abbas	<i>Classical and Modern Urdu Literature, Criticism, Fiction and Non Fiction Specialization in Safarnama</i>
Contractual Basis	Zarreen Fatima	<i>Classical and Modern Urdu Literature with Khakanigari and Marsiya and Qasida</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.A. (Urdu)	34	2 years (4 Semesters)	As prescribed in section 7.1 of Rules for Admissions.

M.A. (Persian)	Private	2 years (4 Semesters)	
Certificate Course (Urdu)	85	1 year	Hr. Sec. or Equivalent P.U./10+1.
Diploma Course (Urdu)	29	1 year	P.U. Cert. Course in Urdu, Urdu in Matric or Adib Exam. from P.U./Equivalent Exam.
Adv. Diploma Course (Urdu)	17	1 year	P.U. Dip. Course in Urdu, Intermediate or B.A. I with Urdu Elective/equivalent exam.
Cert. Course (Persian)	29	1 year	Hr. Sec./equivalent exam./Pre-University.
Diploma Course (Persian)	17	1 year	Certi. Course in Persian from P.U. or Persian Matric Level/Equivalent exam.
Adv. Diploma Course (Persian)	11	1 year	P.U. Dip. Course in Persian, Intermediate or B.A. I with Persian/Additional Language from P.U./Equivalent exam.

Titles of Syllabi

M.A. (Urdu)

SEMESTER-I

P-I	:	History of Urdu Language and Literature.	P-III	:	Early Poetry (Nazm and Ghazal).
P-II	:	Elements of Urdu Structure.	P-IV	:	Early Prose (fiction, Novel, Afsana, and Drama).

SEMESTER-II

P-I	:	Modern Poetry.	P-III	:	Non-Fiction (Essay and Translate).
P-II	:	Modern Prose (Urdu Drama and Theatre).	P-IV	:	Print Media and Mass Media (Radio and T.V.).

SEMESTER-III

P-I	:	Classical Poetry (Qasida, Mersia, Masnavi).	P-III	:	Principles of Literary Criticism.
P-II	:	Prose.	P-IV (i)	:	Essay aur Lisaniyat.

SEMESTER-IV

P-I	:	Comparative Study of Urdu and Punjabi Literature.	P-III	:	Essay.
P-II	:	Lisaniyat.	P-IV	:	Print Media and Mass Media.

Certificate Course in Urdu

P-I	:	Prose & Poetry	P-II	:	Grammar & Composition
-----	---	----------------	------	---	-----------------------

Diploma Course in Urdu

P-I	:	Prose & Poetry	P-II	:	Urdu Adab & Sahafat
-----	---	----------------	------	---	---------------------

Advanced Diploma Course in Urdu

P-I	:	Poetry	P-III	:	Basic knowledge of history of Urdu literature
P-II	:	Prose & Novel	P-IV	:	Composition & Journalism.

Certificate Course in Persian

P-I : Prose & Poetry P-II : Grammar & Composition

Diploma Course in Persian

P-I : Prose & Poetry P-II : Translation & Literary History

Advanced Diploma in Persian

P-I : Classical Modern Prose P-III : Literary History of Persian
P-II : Classical Modern Poetry P-IV : Political Economical & Social History of Iran.

Thrust Areas

The Department is engaged in Research Programme on almost all major disciplines of Persian language and literature, and the thrust area is Comparative study of Persian with Punjabi, Urdu, Sanskrit, Pali and other Modern Indian Languages and also in the subject of Medieval Indian History, Ancient Indian History, fine Arts, Law, Political and Social Sciences with comparative studies and Mysticism and Mystical Literature, written during the Ancient Period based on Classical Literature and also written during the so-called Modern Period in all the Modern Indian Languages. The students come from Iran and other Arab countries for Ph.D. in the Department. The thrust area of Ph.D. in the subject of Urdu is based on language and literature of Urdu with comparative study of Modern Indian Languages.

VISHVESHVARANAND VISHVA BANDHU INSTITUTE OF SANSKRIT AND INDOLOGICAL STUDIES (VVBIS & IS), HOSHIARPUR

About the Institute

The Department was taken over by the University in 1965. The Panjab University maintains a Centre of Advanced Studies and Research in Sanskrit and Indology as a regular Department of the University under the name "VISHVESHVARANAND VISHVA BANDHU INSTITUTE OF SANSKRIT AND INDOLOGICAL STUDIES" (VVBIS & IS) at HOSHIARPUR and is about three kilometres (on the Una Road) away from the main centre of the city. The department publishes a half yearly Research Journal entitled "Vishveshvaranand Indological Journal". Volume L & LI has been printed & Volume LII & LIII 2013-14 is under process. Besides the Institute has published about 55 Research books. This Department is well-reputed in the world for its Indological research activities and standard publications. The Institute brought for the first time before the scholarly world, the valuable texts like: Asvalayana Srauta Sutra with Devatrata and Siddhanti-Bhasya, Upanisaduddhara Kosa, Siddheshwar Varma's Pahari Dictionary of 27-North Himalayan Dialects, Vol.1 & Vol. II, etc.

- Aitareya Brahmana with the commentary of Govinda Svami.
- Taittiriya Brahmana with the commentary of Sadgurusisya.
- Dictionary of Vedic Interpretation: the 1st Volume is in progress.

Faculty

Particulars	Name	Field of Research Specialization
Professors	Ragbir Singh Prem Lal Sharma Parbhat Singh	<i>Grammar</i> <i>Indian Philosophy, Jyotish</i> <i>Classical Literature & Literary criticism</i>

	Krishna Saini (Chairperson)	<i>Veda</i>
	Narsingha Charan Panda	<i>Indian Philosophy, Buddhism, Veda</i>
Asstt. Professors	Aditya Angiras	<i>Hindi Novels</i>
	Ritu Bala	<i>Sanskrit Poetics</i>
	S.K Sarangi	<i>Indian Philosophy, Kashmir Shaivism</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Prak Shastri	40	2 years	Matric/Hr. Sec. I/or equivalent examination.
Shastri Shastri (New Degree Course In Sanskrit)	40	3 years	Prak Shastri-II or +2 (with Sanskrit) or Visharad Course in Sanskrit) (with Matric) from P.U./ equivalent examination.
M.A. (Sanskrit)	60	2 years (4 Semesters)	B.A. with Sanskrit (45% marks) or Shastri of P.U.
M.Phil.	20	1 year	See General Important Guidelines
Ph.D.	Subject to Availability seats	3 years	See General Important Guidelines

Scholarships : The Institute offer stipends to the eligible students of Prak-Shastri, Shastri and Acharya @ Rs. 300/- Rs. 400/- & Rs. 500/-p.m. respectively for ten months. Five students each in M.A. Part I & II (Sanskrit) are awarded stipends on merit @ 300/-p.m. for twelve months.

Thrust Area

Development of Sanskrit and Indological Studies.

Vishveshvaranand Library

The Library possesses about 80826 books and journals and about 2200 ancient manuscripts. It received 70 journals and periodicals during the current year and recognized by UNESCO.

Only Titles of Syllabi :

Prak Shastri I (Annual)

विषय (i) व्याकरण	विषय (iii) अनुवाद और दर्शन
विषय (ii) नीतिशास्त्र तथा छन्द	विषय (iv) हिन्दी
	विषय (v) क. सामान्य अंग्रेजी या ख. सामान्य पंजाबी या ग. पंजाब का इतिहास एवं संस्कृत

Prak Shastri II (Annual)

विषय (i) व्याकरण	विषय (iii) कर्मकाण्ड और ज्योतिष
------------------	---------------------------------

विषय (ii) लौकिक संस्कृत साहित्य

विषय (iv) हिन्दी

विषय (v) क. सामान्य अंग्रेजी या
ख. सामान्य पंजाबी या
ग. पंजाब का इतिहास एवं
संस्कृत

Shastri :

SEMESTER-I

(i) व्याकरण

(iii) दर्शन एवं अनुवाद

(ii) साहित्य

(iv) वेद एवं वेदांग

Option i-नीति शास्त्र, धर्म शास्त्र और आयुर्वेद

(v) नीतिशास्त्र

(vi) आयुर्वेद

Option ii-ज्योतिष और वास्तु शास्त्र

(v) वास्तुशास्त्र

(vi) महूर्त शास्त्र

(vii-viii) अंग्रेजी, पंजाबी, इतिहास तथा हिन्दी में से कोई दो विषय

SEMESTER-II

(i) व्याकरण

(iii) दर्शन एवं अनुवाद

(ii) साहित्य

(iv) वेद एवं वेदांग

Option i-नीति शास्त्र, धर्म शास्त्र और आयुर्वेद

(v) नीतिशास्त्र

(vi) आयुर्वेद

Option ii-ज्योतिष और वास्तु शास्त्र

(v) होरा एवं वास्तुशास्त्र

(vi) महूर्त शास्त्र

(vii-viii) अंग्रेजी, पंजाबी, इतिहास तथा हिन्दी में से कोई दो विषय

SEMESTER-III

(i) व्याकरण

(iii) दर्शन एवं अनुवाद

(ii) साहित्य

(iv) वेद एवं वेदांग

Option i-नीति शास्त्र, धर्म शास्त्र और आयुर्वेद

(v) धर्म शास्त्र

(vi) आयुर्वेद

Option ii-ज्योतिष और वास्तु शास्त्र

(v) महूर्त शास्त्र

(vi) वास्तुशास्त्र

(vii-viii) अंग्रेजी, पंजाबी, इतिहास तथा हिन्दी में से कोई दो विषय

SEMESTER-IV

(i) व्याकरण

(iii) दर्शन एवं अनुवाद

(ii) साहित्य

(iv) वेद एवं वेदांग

Option i-नीति शास्त्र, धर्म शास्त्र और आयुर्वेद

(v) धर्म शास्त्र

(vi) आयुर्वेद

Option ii-ज्योतिष और वास्तु शास्त्र

(v) महूर्त शास्त्र

(vi) वास्तुशास्त्र

(vii-viii) अंग्रेजी, पंजाबी, इतिहास तथा हिन्दी में से कोई दो विषय

SEMESTER-V

(i) व्याकरण

(iii) दर्शन एवं अनुवाद

(ii) साहित्य

(iv) वेद एवं वेदांग

Option i-नीति शास्त्र, धर्मशास्त्र और आयुर्वेद

(v) धर्म शास्त्र

(vi) आयुर्वेद

Option ii-ज्योतिष और वास्तु शास्त्र

(v) ज्योतिष

(vi) होरा शास्त्र

(vii-viii) अंग्रेजी, पंजाबी, इतिहास तथा हिन्दी में से कोई दो विषय

SEMESTER-VI

(i) व्याकरण

(iii) दर्शन एवं अनुवाद

(ii) साहित्य

(iv) वेद एवं वेदांग

Option i-नीति शास्त्र, धर्मशास्त्र और आयुर्वेद

(v) धर्म शास्त्र

(vi) आयुर्वेद

Option ii-ज्योतिष और वास्तु शास्त्र

(v) ज्योतिष

(vi) होरा शास्त्र

(vii-viii) अंग्रेजी, पंजाबी, इतिहास तथा हिन्दी में से कोई दो विषय

M.A.

SEMESTER-I

(i) वैदिक साहित्य

(iii) व्याकरण और भाषा विज्ञान

(ii) संस्कृत नाटक व काव्यशास्त्र

(iv) दर्शन

SEMESTER-II

(v) वैदिक साहित्य

(vii) व्याकरण और भाषा विज्ञान

(vi) काव्य एवं काव्यशास्त्र

(viii) दर्शन

SEMESTER-III

(ix) वैदिक साहित्य का इतिहास तथा अर्थशास्त्र

(x) संस्कृत गद्य तथा निबन्ध

Option i-वेद

(xi) वैदिक संहिता

(xii) ब्राह्मण, श्रौत एवं गृह्यसूत्र

Option ii-साहित्य

(xi) काव्य शास्त्र

(xii) गद्य एवं नाटक

Option iii-संस्कृत व्याकरण

(xi) व्याकरण प्रक्रिया

(xii) संस्कृत व्याकरण दर्शन

Option iv-भारतीय दर्शन

(xi) सांख्यदर्शन

(xii) वेदान्त तथा मीमांसा

SEMESTER-IV

(xiii) लौकिक संस्कृत का इतिहास तथा स्मृति

(xiv) गद्य तथा अनुवाद

Option i-वेद

(xv) वैदिक संहिता

(xvi) वेदांग

Option ii-साहित्य

(xv) काव्य शास्त्र

(xvi) संस्कृत काव्य

Option iii-संस्कृत व्याकरण

(xv) व्याकरण प्रक्रिया

(xv) वाक्यपदीय दर्शन

Option iv-भारतीय दर्शन

(xv) योगदर्शन

(xv) न्याय वैशेषिक

M.Phil.

विषय (i) शोध प्रविधि एवं पांडुलिपि विज्ञान विषय (iii) भारतीय संस्कृत एवं समाज

विषय (ii) संस्कृतशास्त्र : इतिहास व सिद्धांत विषय (iv) संगोष्ठी एवं शोध योजना

विषय (v) लघुशोधप्रबन्ध

VII. FACULTY OF LAW

DEPARTMENT OF LAWS

About the Department

The Department of Laws, originally established at Lahore in 1889, was re-established at Shimla in 1948, shifted to Jalandhar in 1950 and finally re-located at the University Campus at Chandigarh in 1959. Its Alumni include Judges of the Supreme Court and High Courts, Union Cabinet Ministers, State Chief Ministers, Cabinet Ministers, Ambassadors, Senior Bureaucrats, Police Officers and other legal luminaries.

The Department provides practical training to LL.B. students. One full paper of 6th Semester includes compulsory participation in two Moots, attachment with advocates in District Courts for 7 to 10 days. Every year the students of the department are sent to the Supreme Court of India as a part of the practical training programme.

It has established a Legal Aid Clinic-cum-Arbitration Centre as well as a Placement Cell. The Department has provision for special lectures in memory of Justice Mehr Chand Mahajan and S. Ajit Singh Sarhadi. These lectures have been delivered over the years by eminent persons such as Justice V.K. Krishna Iyer, Justice V.S. Deshpande, Professor Upendra Bakshi, Dr. L.M. Singhvi, Professor Mool Chand Sharma, Justice J.S. Verma, Mr. Soli J. Sorabjee, Prof. M.R. Madhava Menon and Prof. B.S. Chimni. It has a good library with more than 51,000 books and 52 regularly subscribed Indian and foreign journals. The Department has also the distinction of having Depository Library for United Nations Documents which is the only library with more than 8000 documents North of India. The Department regularly publishes a Law Journal (Panjab University Law Review).

Dress Code : Black pant and coat, white shirt along with tie/scarf (prescribed) on Mondays, Wednesdays and on all formal occasions/functions i.e. moot courts, court visits, presentations, special lectures etc. . The girl students have option to wear this dress or white salwar kameez with white dupatta and black coat.

Placement Cell : The Department has its own Placement Cell which encourages the students to undertake their internship after the class hours. The cell arranges internships to the interested students with leading lawyers, NGOs, Commissions etc. The Department has also started inviting the potential employers in the Corporate Sector for the purpose of recruitment of students in the Final year of their studies.

Faculty :

Particulars	Name	Specialization
Professor Emeritus	Veer Singh	<i>Labour Laws, Jurisprudence</i>
	V.K. Bansal	<i>Constitutional Laws</i>
Professors Re-employed	Daya Nand	<i>Intellectual Property</i>
	Bhajan Kaur	<i>Family Law</i>

Professors	Ranbir Kaur Bhangu	<i>Labour Laws, Service Law</i>
	Paramjit S. Jaswal (on leave)	<i>Constitutional Law, Administrative Law, Service Law, Human Rights, Environmental Law</i>
	Nishtha Jaswal	<i>Constitutional Law, Administrative Law, Service Law, Human Rights, Environmental Law</i>
	Vijay Nagpal (Chairperson)	<i>Jurisprudence, Criminal Law, Law Related to Physically and Mentally Challenged Persons</i>
	Shalini Marwaha	<i>Jurisprudence, Constitutional Law, Human Rights & Law, Administrative Law, Environmental Law, Law related to Women & Children, Law and Social Transformation, Media Law, Health Laws</i>
	Meenu Paul	<i>Labour Laws, Intellectual Property Law</i>
	Devinder Singh	<i>Human Rights, Constitutional Law, Administrative Law, Jurisprudence</i>
	Paramjit Kaur	<i>Laws of Evidence, Environmental Laws and Military Law</i>
	Geeta Joshi	<i>Criminal Law (Substantive)</i>
	Associate Professor	Vanadana Arora
Assistant Professors	Jyoti Rattan	<i>Income Tax, International Law, Human Rights</i>
	Babita Devi Pathania	<i>Human Rights, Protection of Women, Domestic Violence, Corporate Law, Administrative Law and Service law</i>
	Anil Kumar Thakur	<i>Constitutional Law, Human Rights, Environmental Laws, Jurisprudence, Law and Globalization, Law and Economics</i>
	Dinesh Kumar	<i>Human Rights and Arbitration</i>
	Shipra Gupta	<i>Constitutional & Commercial Laws</i>
	Supinder Kaur	<i>Family Law and Criminal Laws</i>

Courses Offered :

COURSE	SEATS	DURATION
LL.B.	166 + 14 NRI (Morning)*, + 166 + 14 (Evening)* *Subject to the approval by the competent authority.	3 years (6 Semesters)

ELIGIBILITY/ADMISSION CRITERIA

A person who has passed one of the following examinations shall be eligible to join LL.B. course:

a) Bachelor's Degree in any faculty of Panjab University with at least 45% marks in the aggregate; (40% for SC/ST/BC candidates).

or

b) A Bachelor's degree in any Faculty of any other University recognized as equivalent to the corresponding degree of the Panjab University and the Bar Council of India securing at least 45% marks in the aggregate (40% for SC/ST/BC candidates).

Provided that in case of a candidate having a Bachelor's degree of this University or any other University recognized by the Syndicate, through Modern Indian Languages (Hindi or Urdu or Punjabi (Gurmukhi Script) and/or in a Classical Language (Sanskrit or Persian or Arabic) the aggregate of 45% marks shall be calculated by taking into account the percentage of aggregate marks that he had secured at the language examination, excluding the marks for additional optional paper, English and the elective subject taken together

OR

- a) A Master's Degree from the Panjab University.
- b) A Master's Degree from any other University recognized by the Panjab University and the Bar Council of India as equivalent to the corresponding Post-graduate degree of the Panjab University.

Admission to LL.B. Course shall be on the basis of an Entrance Test. Total marks for determining merit would be 200.

- 1) 50% of 200 (100 marks for the entrance test)
- 2) 50% of 200 (100 marks for the qualifying exam)

The applicants having a compartment in their qualifying examination shall not be eligible to join LL.B. course irrespective of their clearing the entrance test.

Note 1: The applicants who have obtained 10+2 or graduation/post graduation through open universities system directly without having any basic qualifications for prosecuting such studies be not admitted in law courses. No candidate will be admitted to the LL.B. course having any Degree in consistent with the University Grants Commission Regulations and also Bar Council of India, Rules of Legal Education 2008.

Note 2 : The concession by way of additional seat for Only (Single) Girl Child and for Cancer/Aids Patient is not applicable to the students falling under regulatory agencies such as MCI, DCI, BCI and NCTE. As the LL.B. course is regulated by Bar Council of India, this concession is not applicable to the LL.B. course.

Note 3 : In the month of November old semester examinations (regular and reappear) i.e. 1st, 3rd and 5th semesters shall be held and in the month of May even semester examinations (regular & reappear) i.e. 2nd, 4th & 6th semesters shall be held.

Provision : However, students having reappear in 5th semester shall be allowed to take up the re-appear examination in the month of May alongwith 6th Semester.

COURSE	SEATS	DURATION
LL.M.	Seats 42 + 4 NRI	1 year (2 Semesters)

ELIGIBILITY/ADMISSION CRITERIA

A person who has passed one of the following examinations shall be eligible after qualifying the entrance test to join the first semester class of the LL.M. Course:-

- (a) LL.B.3 years Degree/B.A.LL.B./B.Com.LL.B. 5 years degree examination of this University with minimum 55% marks (50% marks in case of SC/ST/BC candidates); or
- (b) Any equivalent examination of another University recognized by the Syndicate for this purpose.

Admission to LL.M. one year course shall be on the basis of an Entrance Test conducted by the Panjab University. The merit will be calculated as under:-

- 1) Entrance test=80%
- 2) Academic Marks =20%

Weightage for LL.M. Course (approved in Syndicate meeting held in 12.7.2014):

“that the Weightage to be given to the candidates having B.A/B.Com LL.B (Hons.) 5 years Integrated Course as per BCI Rules of Legal Education, 2008, while being admitted to LL.M. course of Panjab University as the weightage for the (Hons.) course are given in other Department of Panjab University also during admission to other postgraduate courses”.

Provisions are there for Ph.D. & LL.D. in Law. Details in this regard are contained in the Panjab University Calendar Vol. II, 2007, pages 402-409.

Ph.D.

The Department has the facility for registration of the candidates for the Ph.D. Degree in the Faculty of Law. The University Grants Commission has laid down the new guidelines **vide letter No. 1-1/2002(PS)Pt file-III, dated August 2009** which have come into force w.e.f. **11th July, 2009** and the same have been adopted by the Syndicate and are applicable to the Department of Laws as well. The registration of Ph.D. students shall be as per the new guidelines of UGC.

The registration form along with Booklet containing relevant rules and regulations on the subject may be obtained on payment from the Cash Counter, S.B.I. near Administrative Block, Panjab University, Chandigarh.

LL.D

For eligibility and submission of thesis for the degree of LL.D., see Regulations on pages 408-409 P.U. Cal. Vol. II, 2007.

Rules for Attendance, Condonation, Migration Etc.

1. Apart from the relevant Rules and Regulations in the Panjab University Calendars etc. applicable to various Law courses, the following provisions be noted specifically by the students with regard to their attendance, condonation of lectures, eligibility, promotion to next higher classes.

The Senate at its meeting held on 20.9.2001, Para XIII (o) has decided as under:-

“That w.e.f. the session 2002-03, the requirement of attending 75% (notwithstanding 66% as mentioned in the Regulation 3 of P.U. Cal. Vol. II, 2007 at 387) of the total number of lectures, tutorials, seminars, practicals stipulated in the UGC letter No. F.C.A. (CPP II) dated 26.7.2001 be made applicable from the academic session 2002-03”.

Note : Lectures shall be counted upto the last working day before lectures cease and the college/department closes for preparatory holidays.

2. The days spent by a student for competing examination conducted by Government for Public Services (from the first day to the last day of the examination as also the days of travelling connected with the examination) shall be counted on production of satisfactory evidence as attendance at lectures delivered to his class during the period of such absence.
3. A student who participates in Inter-University or University or Inter-Collegiate Tournaments or Youth Festivals or National and International Tournaments or similar other activities or NCC or University educational excursions or NSS etc. be allowed credit for an equal number of lectures delivered and tutorial, practical classes etc. held during the period he was away to participate in such an activity provided the student proceeds with prior permission of the Head/Chairman/Principal concerned.

Deficiency of lectures under Regulations shall be counted after giving the credit for attendance/participation in various activities as contemplated above.

4. **Rules for Condoning Deficiency in Lectures** (*For exhaustive information on condonation the Panjab University Calendars Vol. II (2007) and Vol. III (2005) may be consulted.*)

The deficiency may be condoned by the Chairperson/Head of the Department of Laws as under:-

- a) Up to 30 lectures in various paper/s to the best advantage of the candidate; and
- b) Up to 8 lectures in the Law Moots, Tutorials, Visits to the Courts.

Provided that no condonation shall be allowed in regard to lectures delivered by experts.

Provided further that no condonation shall be allowed in case a candidate has attended less than 33% lectures for each paper/subject/tutorial moots.

Further, the Senate in its meeting held on 12.10.2003 Para XXIII decided as under:-

1. The Vice-Chancellor, on the recommendation of the Board of Control and for reasons to be recorded, be authorized to condone shortage of lectures up to another 10 lectures delivered in various paper(s) to the best advantage of the candidate in addition to the authority vested in the Chairperson/Head of the Department.
2. The Syndicate may, for reasons to be recorded, make further relaxation up to 10 lectures delivered in various paper(s) in cases of extreme hardship beyond the limit/s stipulated in (1) above.

Note: For condonation of lectures on the ground of extreme hardship cases, information to the effect along with supporting documents, if any, should be sent to the Department within seven days after the hardship is over.

Regulation 6.1 (a) of Panjab University Calendar Vol. II 2007, page 388 provides that:-

“Promotion from 1st to 2nd, 3rd to 4th and 5th to 6th semesters shall be allowed to a student who fulfils the attendance and other requirements under the rules, even if he fails to appear or qualify in the papers prescribed for 1st, 3rd or 5th semesters as the case may be”.

As per the above decision, a student who fails to attend minimum of 75% of the total delivered lectures, practicals etc. will not be eligible to sit in the examinations. A student of 1st semester who fails to fulfill the required attendance as per rules will not be eligible to be re-admitted in the Department except by qualifying the entrance test afresh.

Regulation 6.1 (b) of the Panjab University Cal. Vol. II 2007, page 388 provides that:-

“Promotion/admission to 2nd year (3rd Semester) or 3rd year (5th Semester) shall be allowed to a student provided he has passed in 5 out of 10 papers prescribed for 1st year (1st and 2nd Semesters) and 10 out of 20 papers prescribed for 1st and 2nd years (1st, 2nd, 3rd, 4th Semesters) as the case may be.

5. The Rules for Inter-University and Intra-University migration are the same except the criterion for the determination of merit. Depending upon the availability of seats, migration is permissible in the 3rd and 5th semester evening classes only provided the candidate is already a student of 3rd/5th semester in some other University/Regional Centre/Institution constituent/affiliated to Panjab University.

Title of Syllabi :

Outlines of tests, syllabi and courses of reading for Bachelor of Law (LL.B.3 Year Course) I, II, III, IV, V & VI Semester.

LL.B.

SEMESTER-I

Paper - I	: Jurisprudence-I	Paper-IV	: Family Law I
Paper- II	: Constitutional Law I	Paper V	: Law of Torts including Motor Vehicle Accidents and Consumer Protection Laws
Paper-III	: Law of Contract		

SEMESTER-II

Paper - I : Jurisprudence II	Paper - IV : Family Law II
Paper-II : Constitutional Law II	Paper - V : International Human Rights & Public International Law
Paper - III : Special Contracts	

SEMESTER-III

Paper -I : Law of Crimes-I	Option : Any two of the following
Paper - II : Property Law	Paper IV & V:
Paper - III : Labour Law	a) Information Technology Act & RTI Act
	b) Local Self Government including Panchayat Administration
	c) International Organization and Humanitarian Law
	d) Penology and Victimology

SEMESTER-IV

Paper -I : Law of Crimes-II	Option : Any one of the following
Paper- II : Company Law	Paper V (a) : Law of Taxation
Paper - III : Administrative Law	(b) : International Labour Organization and Labour Laws
Paper - IV : Alternate Dispute Resolution	

SEMESTER-V

Paper - I : Law of Evidence	Option Any one of the following:
Paper - II : Criminal Procedure Code	Paper V (a) : Equity & Trust Law
Paper - III : Service Law	(b) : Private International Law
Paper - IV : Drafting, Pleading & Conveyance	

SEMESTER-VI

Paper - I : Environmental & Wild Life Protection Laws	Paper - IV : Moot Court Exercise and Internship
Paper - II : Civil Procedure Code & Limitation Act	Option : Any one of the following:
Paper - III : Professional Ethics & Professional Accountability	Paper V (a) : Interpretation of Statute and Principle of Legislation
	(b) : IPR Management

Outlines of tests, syllabi and courses of reading for the Master of Laws (One Year Course).

SEMESTER-I

Paper I	Research Methods and Legal Writing - Compulsory
Paper II	Comparative System of Governance - Compulsory
Paper III	One optional Group from the following six groups (to be chosen by the candidate)
	Group I - International and Comparative Law
	i) International Human Rights and Humanitarian Law
	ii) International Criminal Law
	iii) International Law

Group II - Corporate and Commercial Law

- i) Banking and Insurance Law
- ii) Intellectual Property Rights
- iii) Commercial Arbitration

Group III - Criminal and Security Law:

- i) Criminology and Penology
- ii) Criminal Justice and Human Rights
- iii) Victimology

Group IV - Family and Social Security Law

- i) Uniform Civil Code
- ii) Child Rights and Protection
- iii) Labour and Employment Laws

Group V - Constitutional and Administrative Law

- i) Fundamental Rights and Directive Principles
- ii) Health Laws
- iii) Service Law

Group VI Legal Pedagogy and Research

- i) Clinical Legal Education
- ii) Law and Development
- iii) Education Law

Paper-IV - Term Paper (35 – 50 pages - font 12 Times New Roman –1 ½ spacing)

SEMESTER-II

Paper V Law and Justice in a Globalizing World - Compulsory

Paper VI One optional Group from the following six groups (to be chosen by the candidate)

Group I - International and Comparative Law

- i) ***
- ii) ***
- iii) ***

Group II - Corporate and Commercial Law

- i) ***
- ii) ***
- iii) ***

Group III - Criminal and Security Laws

- i) International Criminal Law
- ii) Police Law and Administration
- iii) Corporate Crimes/White Collar Crimes

Group IV - Family and Social Security Law

- i) ***
- ii) ***
- iii) ***

- Group V - Constitutional and Administrative Law
- i) Centre State Relations and Constitutional Governance
 - ii) Media Law
 - iii) Global Administrative Law

- Group VI - Legal Pedagogy and Research
- i) ***
 - ii) ***
 - iii) ***

Paper VII : Dissertation

Note: * is yet to be approved.**

Thrust Areas :

The department regularly organizes National/International/Seminars/Conferences/ Workshops and students related activities on current Socio-Legal issues. Recently the department organizes Panel Discussion on Planning Commission/Niti Aayog and National Judicial appointments Commission (Proposed)

The Department also undertakes social activities and every year organizes Blood Donation Camp where a large number of students, employees and faculty members donate blood.

UNIVERSITY INSTITUTE OF LEGAL STUDIES

About the Institute

The University Institute of Legal Studies (UILS), a constituent department of Panjab University, has emerged as a premier legal Institute of the region since its establishment in 2004. The Institute is committed to hone the DRAIN Drafting, Research, Advocacy, Interviewing, and Negotiation skills of its students through vibrant, interdisciplinary and content rich programmes including a spectrum of law along with the social sciences, languages and commerce subjects.

The Institute has its own four storeyed building that includes spacious classrooms, modern Moot Court Hall, Conference Hall, Legal Aid Clinic, Computer Lab etc. It has one of the richest law library of the region with about 15,000 text books and reference books. The library subscribes to 55 Indian and Foreign Journals also.

The endeavour of the Institute is to train students in the essence of substantive laws, techniques of procedural laws, methods of client counseling, drafting skills along with research in law and allied fields. To accomplish this, the Institute organizes various curricular/extra-curricular activities like Moot Court Competitions, Client Counseling Competitions, Seminars, Conferences, Group Discussions, Extension Lectures etc. from time to time. The Institute also provides a platform for the clinical legal training through its Legal Aid Clinic and compulsory internships with judges, eminent lawyers, legal firms, commissions, NGO's etc.

Faculty

Particulars	Name	Field of Research Specialization
Professors	Sangita Bhalla (Director)	<i>Criminal Law, Human Rights, Labour & Gender Issues</i>
	Rattan Singh	<i>Constitutional Law, Research Methodology, Administrative Law</i>
	Rajinder Kaur	<i>Corporate Law, Advertisement Law</i>
Associate Professors	Sarabjit Kaur	<i>International Politics</i>
	Gulshan Kumar	<i>Industrial Economics</i>
Assistant Professors	Sasha	<i>History of Medicine & Science</i>
	Navneet Arora	<i>Media Studies</i>
	Chanchal Narang	<i>English Language Teaching</i>
	Pushpinder Kaur	<i>Environmental Law, International Law, Criminal Law</i>

Shruti Bedi	<i>Constitutional Law, Anti-Terror Laws</i>
Jasmeet Gulati	<i>Public International Law, Intellectual Property Laws</i>
Meenu Saihpal	<i>Micro-Economics, Industry</i>
Sabina Salim	<i>Environmental Laws</i>
Amita Verma	<i>Contract, Cyber Laws</i>
Jai Mala	<i>Family Law, Labour Law</i>
Jasneet Kaur Walia	<i>Constitutional Law, Human Rights</i>
Karan Jawanda	<i>Hindu Law and Civil Procedure</i>
Anju Berwal	<i>Criminal Law</i>
Bharat	<i>Commercial Law</i>
Ajay Ranga	<i>Criminal Law, Forensic Studies</i>
Anupam Bahri	<i>Gender Ageing</i>
Deepti Laroia	<i>English Literature</i>
Virender Negi	<i>Constitutional Law</i>

Courses Offered :

COURSE	SEATS	DURATION
B.A. LL.B. (Hons.) 5 years Integrated Course	120 + 12 NRI*	5 years (10 Semesters)
B.Com.LL.B. (Hons.) 5 years Integrated Course	120 + 12 NRI*	5 years (10 Semesters)
One Year LL.M. Course (Self Finance) with specialization/s Law, Science and Technology Or Commercial and Corporate Laws	40+4 NRI	1 year (2 Semesters)
Master of Laws-Two Years (4 semesters) Degree Course (Self Finance) (Evening) with specialization/s Constitutional and Environment Law Or Criminal and Corporate Law	a) 20 +2 (NRI) for Advocates/ Judicial Officers/ Civil servants discharging Judicial Duties)** b) 20 +2 (NRI) (for Fresh Law Graduates)	2 years (4 Semesters)

* NRI seats, subject to the approval of PU competent authorities

** A weightage of 10 marks with ½ mark for every completed year of practice/ employment will be given to Advocates/Judicial officers/ Civil servants (Syndicate Para 52 R (Appendix -XIII) dated 19.7.2015, Senate Para LXI, Item R-31 dated 27.9.2015)

COURSE	ELIGIBILITY
B.A. LL.B. (Hons.) 5 years Integrated Course	Candidate should have passed 10+2 examination with atleast 50% marks (45% marks in case of SC/ST/BC) from any recognized Board/University.
B.Com. LL.B. (Hons.) 5 years Integrated Course	"The applicants who have obtained 10+2 Higher Secondary Pass Certificate or First Degree Certificate after prosecuting Studies in distance or correspondence method shall also be considered as eligible for admission in the Integrated Five Years Course. The applicants who have obtained 10+2 x x x x x through open Universities system directly without having any basic qualification for prosecuting such studies are not eligible for admission in the law course." As per provision and explanation to Rule 5 (b) of Bar Council of India Rules of Legal Education, 2008.

The admission to the said course/s shall be on the basis of merit of Entrance Test and 10 + 2 marks and other admissible weightage. No candidate shall be eligible for admission to 1st semester of B.A./B.Com.LL.B. (Hons.) unless s/he appears in and qualifies the Entrance Test for the relevant year of admission.

A student who falls short of lectures in the Ist Semester of the said course/s in any previous academic session shall be eligible for admission on qualifying the Entrance Test again provided s/he fulfils all other eligibility conditions.

ADMISSION CRITERIA

For admission to 1st semester of B.A./B.Com.LL.B. (Hons.) 5 years Integrated Course, Panjab University conducts an Entrance Test. The merit list for admission shall be prepared as per the following details:

- | | |
|--|---|
| (i) B.A.LL.B. (Hons.) 5 years Integrated Course | Entrance Test: 50% +
Qualifying Examination (10+2): 50% +
other admissible weightage |
| (ii) B.Com.LL.B. (Hons.) 5 years Integrated Course | Entrance Test: 50% +
Qualifying Examination (10+2): 50%
With Weightage for commerce subjects*
and other admissible weightage |

*As per orders of Hon'ble Punjab and Haryana High Court in CWP No 15513 of 2014 weightage shall be given for the commerce subjects for admission to B.Com. LL.B.(Hons.) as per P.U. Calendar and other rules and regulations laid down by competent authorities/bodies of Panjab University from time to time.

ELIGIBILITY CONDITION AND SCHEME OF ENTRANCE TEST

ONE YEAR LL.M. COURSE (SELF FINANCE) AND MASTER OF LAWS- TWO YEARS (4 SEMESTERS) DEGREE COURSE (SELF FINANCE) (EVENING)

Admission to LL.M. course/s shall be on the basis of an Entrance Test conducted by the Panjab University. The admission shall be offered against the sanctioned seats, as per merit calculated according to the formula mentioned below.

A candidate who has passed any one of the following examinations shall be eligible, after qualifying the above-said entrance test, to join the first semester class of the LL.M. Course:-

- (a) LL.B.3 years Degree/B.A.LL.B./B.Com.LL.B. 5 years degree examination of this University with minimum 55% marks (50% marks in case of SC/ST/BC candidate);
Or
- (b) Any equivalent examination of any other University recognized by the Syndicate for this purpose.

The merit for admission to LL.M. course/s shall be calculated as under:-

1. Entrance Test=80%
2. Academic Marks =20%

2.1 Weightage for admission to LL.M. Course/s (approved by Syndicate in its meeting held on 12.7.2014) which reads as under:

Note: The Handbook of Information 2015 Rule 7.3 (c) at page 230, is as under:

7.3 (c) (i) "Candidates who have passed B.A./B.Sc./B.Com. with Hons. either from Panjab University with Hons. Either from Panjab University or from any other University would be given **15% weightage** of the **basic merit marks X***** obtained for the purpose of admission in Post-graduate course in the subject in which Honours examination was passed. Similar weightage would be given to candidates who have passed B.A./B.Sc./B.Com. examination according to Hons. School like system specializing in one subject in which the admission is sought for the P.G. Course".

Explicitly this weightage would be denoted by Z and calculated as follows:

$$Z = X \times 15/100$$

(ii) xxx xx xxx

*** X stands for 20% of the Academic Marks

RULES REGULATING ADMISSION AND PROMOTION TO B.A./B.COM. LL.B (HONS.) 5 YEARS INTEGRATED COURSE (1-10 SEMESTERS)

1. B.A./B.Com. LL.B (Hons.) is a 5 years Integrated Course consisting of 10 semesters. Each academic year is divided into two semesters.

- i) July to December
- ii) January to May

2. A candidate admitted to any of the courses shall be eligible to appear in the semester examinations, if he has attended at least 75% of the lectures/special lectures/tutorials/moots/visits to court or other institutions etc. as may be delivered or arranged during the semester.

Provided that the deficiency in this attendance requirement may be condoned (as per Chapter-XV of Panjab University Calendar Volume-III at 263-264 and Syndicate/Senate decisions taken from time to time in this regard) and as per Rules provided hereunder:

- a) Upto 30 lectures in a paper(s) in total to the best advantage of the student and upto 10 lectures in special lectures/moots/visits to Courts or other institutions by the Academic Committee & Board of Control of UILS.
- (b) In exceptional cases, the Vice-Chancellor, on the recommendation of the Academic Committee & Board of Control of UILS, may condone upto 10 lectures in a paper/(s) to the best advantage of the student beyond the condonation done by the Academic Committee and Board of Control of UILS.
- c) The Syndicate may, for reasons to be recorded, make further relaxation up to 10 lectures delivered in various paper(s) in cases of extreme hardship beyond the limits stipulated above [**vide Para 33 (6) Syndicate meeting held on 29.11.2004.**]
- d) No condonation shall be allowed in case a candidate has attended less than 33% of lectures delivered for each paper/subject/moot/special lecture.
- e) For condonation of lectures on the ground of interim hardship cases including medical grounds, information to the effect along with supporting documents, if any should be submitted to the department within fifteen days after the hardship is over so that the medical and fitness certificates could be got countersigned by the Chief Medical Officer of Panjab University, before the condonation period.

Explanation: A student who falls short of lectures in the 1st Semester will seek admission again in the 1st semester through entrance test provided s/he fulfills all other eligibility conditions.

3. To be declared pass in a semester examination, a student, must have obtained at least 45% marks in each paper respectively.

Explanation: A student shall be considered as pass in a paper if s/he has secured 45% marks in internal assessment and theory paper jointly. However, the student has to submit the written Project Report/Moot Memorial/Term paper, as the case may be, personally by the date stipulated. Only then the student shall be allowed to make presentation or participate in Viva-Voce or Group Discussion, as the case may be.

4. Each paper of the 10 semesters is of 100 marks. Of this 80 marks shall be for theory paper and 20 marks shall be for internal assessment.

The split-up of 20 marks of Internal Assessment is as follows:

Project Report/Moot Memorial/Term Paper	8 marks
Presentation/Viva-Voce/Group Discussion	8 marks
Attendance/Punctuality and Conduct	4 marks
Total	20 marks

5. (i) Subject to Rule 5 (ii), promotion of a student to the next semester from each of the respective semesters shall be allowed, if a student has fulfilled the attendance and other requirements, even though he has failed to appear in the examination for the respective semester, from which he is being promoted.
- (ii) Promotion/admission of a student to the next year of the course shall be allowed if s/he has passed at least 50% of the papers of the previous semesters, as the case may be.
- (iii) The reappear examination of both odd and even semesters shall be held with the regular examinations of each of the respective semesters.
However, the reappear examination of 9th semester shall also be held immediately after the completion of 10th semester examinations on next 5 working days without any break.
- (iv) All the papers of the 10 semesters must be passed by a student within 8 years from the year of admission to the 1st semester of the concerned course.
- (v) The aggregate percentage of marks of all 10 semesters obtained shall be entered in the B.A./B.Com. LL.B (Hons.) 5 years Integrated Course degree to be awarded by the University.
- (vi) On passing, all the 10 semester examinations a candidate will be placed on the basis of aggregate marks of all 10 semesters as under.
50% or above but below 60% marks-2nd Division
60% or above but below 75% marks-1st Division
75% or above marks-1st Division with Distinction

(Syndicate Para 39 (Appendix-XVII), dated 24.1.2004, Senate Para XV, Item-16 dated 28.3.2004)

6. Every candidate shall pay such examination fee for each semester/re-appear examination as may be prescribed by the Syndicate from time to time. S/he must submit the examination form along with the prescribed fee for the semester/re-appear examination before the last date through the Director, UILS.
7. The medium of instructions and examination for B.A. LL.B (Hons.)/B.Com LL.B. (Hons.) 5 years Integrated Course shall be English.
8. **Five percent freeships are available for meritorious students belonging to economically weaker sections of the society in UILS. (vide Syndicate decision dated 28.2.2003).**
For purpose of the above concession, the student must have passed 10+2 examination with minimum of 50% marks (proof to be added) and her/his total family income from all sources should not exceed Rs. 2.5 lac per year. For proof of family income from all sources, the student shall submit an income certificate issued by the Deputy Commissioner/Tehsildar/SDM of her/his area or the employer of the earning member of the family as the case may be. In addition to this, the student must submit an affidavit duly attested by 1st Class Judicial Magistrate, giving full details of total family income. Such a student shall be exempted from payment of tuition fee only. However, s/he shall be required to pay all other University/institutional funds being paid by other students. For award of freeship, in case of the students having the same merit position, the student holding yellow card/yellow ration card would be given preference over the other/(s).
9. Besides Rules/Regulations of Bar Council of India (as approved and adopted by the Panjab University from time to time) shall be applicable to the B.A./B.Com LL.B (Hons.) 5 years Integrated Course.

(Syndicate Para 43, (Appendix- LX) dated 18.5.2014, Senate Para XVIII, Item C 34, 28.3.2015 and 29.4.2015)

10. **RULES FOR MIGRATION TO B.A./B.COM.LL.B (HONS.) 5 YEARS INTEGRATED COURSE.**
 - a) Migration cannot be claimed as a matter of right.
 - b) No migration will be allowed in 1st, 2nd, 4th, 6th, 8th, 9th and 10th semesters.
 - c) Migration can be allowed only in 3rd, 5th, and 7th semester of B.A./B.Com. LL.B (Hons.) 5 years integrated course.

- d) Migration can be allowed to a student studying in B.A./B.Com.LL.B (Hons.) 5 years Integrated Course of any other Institution which is recognized as equivalent to the B.A./B.Com. LL.B. (Hons.) 5 years Integrated Course of Panjab University.
- e) A student migrating from another University/institute must have secured atleast 45% marks in the aggregate in the preceding year/(s).
- f) Only those students may be considered eligible to seek migration, who have cleared all the papers of the examinations in which they had appeared from the Institution from which migration is to be sought.
- g) i) Migration will be done according to inter se merit.
- h) ii) For students of any other University seeking migration to UILS, the maximum marks obtained by the top student of that University will be normalized against the maximum marks obtained by the top student of Panjab University in order to prepare the merit list.
- i) No migration shall be allowed if there is difference of more than 2 papers (not subjects) of the course content taught in the Panjab University and in the Institution from which the student is seeking migration, in the examinations of the semesters passed by the students. The deficient papers have to be cleared within 2 consecutive attempts, failing which the student will not be promoted to the next semester.
- j) Migrated student shall pay the amount of fee which s/he was required to pay in the University/ College/Centre from which s/he is migrating i.e. the sum of rupees equivalent to the annual dues, tuition fee, admission fee, NRI fee etc. Or the fee applicable at the University Institute of Legal Studies, whichever is higher, for the remaining period of the study at the University Institute of Legal Studies, Panjab University, Chandigarh.
- k) A student seeking migration shall have to apply on the prescribed proforma by 31st July to the Director, UILS. Migration will be allowed only on the basis of merit as defined in Clause (g) above.
- l) Migration shall not be allowed unless a student produces the following documents/certificates issued by the University/College/Centre from which s/he intends to migrate:
 - a) 'No Dues Certificate' along with the amount of fee being paid by her/him to the said University/ College/Centre;
 - b) The lower examinations pass certificates;
 - c) The 'Lecture Statement' and 'Character Certificate' from the University/College/Centre from where s/he intends to migrate;

These rules are to be r/w Panjab University Calendar, Vol-III, 2009 at 256 and observations of the Hon'ble Punjab & Haryana High Court in LPA 377 of 2016, Panjab University and Others Vs. Anubhav Bansal

RULES REGULATING ONE YEAR LL.M. COURSE

- 1.1 The duration of the course of instruction for the Master of Laws shall be one year consisting of two semesters scheduled as under :-
 - i) From July to December,
 - ii) From January to May
- 1.2 The examinations shall be held in December and May every year or on such other dates as may be notified by the Controller of Examination. **However, the reappear examinations shall be held in the next academic session when the said semester falls.**
- 1.3 The last date for receipt of examination forms and fees with and without late fee shall be as fixed by the Syndicate from time to time and as notified by the Controller of Examinations.
- 2.1 A person who has passed one of the following examinations shall be eligible after qualifying the

entrance test to join the first semester class of the LL.M. Course :-

- (a) LL.B. 3 year degree/B.A. LL.B./B.Com. LL.B. 5 year degree examination of this University with minimum 55% marks (50% in case of SC/ST/BC candidates); or
 - (b) any equivalent examination of another University recognised by the Syndicate for this purpose.
- 2.2 The inter-se merit of the candidates seeking admission to LL.M. 1st Semester shall be determined as under:-
- Entrance Test : 80%
Academic Marks : 20%
- 3.1 The examination in 1st or 2nd Semesters, as the case may be, shall be open to a student who has submitted examination form to the Controller of Examination along with the requisite fee as fixed from time to time along with the following certificates signed by the Head/Chairman/Director of the concerned Institute:-
- (i) of good character;
 - (ii) of having remained on the rolls of the University Department for the semester preceding the examination.
 - (iii) of having attended not less than 75 per cent of the total lectures delivered to his class and 66 per cent in each of the subjects;
 - (iv) of having satisfactorily done his class assignments.
- 3.2 A deficiency in the required number of lectures may be condoned as under :-
- (a) Up to 30 - By the Head/Chairman/Director of the concerned Institute
 - (b) Up to total of 40 - By the Vice-Chancellor
 - (c) Up to total of 50 the case may be forwarded to the Syndicate for appropriate action.
- 3.3 A candidate shall have to clear the course offered for LL.M. (i.e. 1st and 2nd Semesters) examinations within a period of three years from the date of his admission to LL.M. 1st Semester Class.
- 4.1 The examination of LL.M. 1st and 2nd Semester shall be held in accordance with the Syllabus prescribed by the Board of Studies in Law and approved by the Faculty of Law from time to time.
- 4.2 (a) The Chairperson/Director in consultation with the Academic Committee shall appoint a suitable teacher to guide the student for his/her dissertation.
- (b) A candidate of LL.M. 1st Semester shall apply to the Chairperson/Director of the concerned Institute for approval of the topic of his/her Dissertation before the last date of LL.M. 1st Semester examination.
 - (c) A candidate shall submit dissertation with the approval of the Chairperson, within one month before the 2nd semester examination. Beyond this, the DUI may give extension on the recommendation of the Academic Committee for three months at a time along with the prescribed fee and viva-voce shall be conducted when dissertation award of the candidate has been received.
 - (d) Three type-written copies of the dissertation shall be submitted to the Controller of Examinations through the Chairperson/Director along with a certificate to be given by the candidate that it is his original work. The Supervisor shall also sign a certificate that the candidate has written his/her dissertation under his supervision and guidance. The candidate shall also be required to submit the entire text of his dissertation on a CD along with dissertation which shall be retained in the library of the Department. The dissertation shall be typed on both sides of the page in Times Roman style with 12 font size and 1 ½ space in between the lines.
 - (e) Each LL.M. 2nd Semester student shall be examined in viva-voce by a Board of Examiners to be recommended by the department and approved by the D.U.I. The Board shall comprise the Chairperson/Director, Supervisor and two Professors of the department/institute. The supervisor will propose three names of evaluators and out of those one name will be recommended by the committee of all Professors of the department to be approved by the DUI.

- (f) The dissertation shall carry 120 marks and viva-voce shall be of 30 marks.
 - (g) The topic of the Term Paper on the relevant subject will be assigned by the concerned teacher in the class. The term paper shall be evaluated by the external examiner. Three names of external examiners shall be proposed by the concerned teacher out of which the committee of all Professors will appoint one as an external examiner.
 - (h) A candidate shall submit term paper with the approval of the Chairperson/Director, within one month before the 1st semester examination. Beyond this, the DUI may give extension on the recommendation of the Academic Committee for three months at a time along with the prescribed fee.
 - (i) A candidate may submit his dissertation and term paper irrespective of the number of courses which he has failed to pass or failed to appear.
 - (j) A candidate who has failed to pass or failed to appear in any paper/s of LL.M. 1st or 2nd Semester examinations but has obtained pass marks in dissertation and viva-voce combined and term paper may, at his option, be allowed to carry forward the marks in dissertation and viva-voce and term paper for a period of three years from the date of admission to LL.M. 1st Semester class without fresh assessment of the dissertation and assessment in viva-voce.
 - (k) A candidate of LL.M. course may be allowed to reappear in the paper/s in which he has failed to pass or failed to appear within the period of three years from the date of his admission in LL.M. 1st Semester.
5. The medium of instruction and of the examination shall be English.
- 6.1 The minimum number of marks required to pass LL.M. 1st and 2nd Semester examinations, as the case may be, shall be 50 per cent in each paper and in the aggregate.
- 6.2 **Each paper shall be of 100 marks out of which 75 marks shall be for the theory examination and 25 marks for the Seminar.**
- 7.1 Successful candidates of both the Semester examination shall be placed, as under, and the division obtained shall be stated in the Degree Certificate :-
- | | |
|--|---------------------------------|
| a) Those who obtain 75 per cent or more of the aggregate marks in 1st and 2nd Semester examinations taken together | First Division with Distinction |
| b) Those who obtain 60 per cent or more but less than 75 per cent of the aggregate marks in 1st and 2nd Semester examinations taken together | First Division |
| c) Those who obtain 50 per cent or more but less than 60 per cent of the aggregate marks in 1st to 2nd Semester examinations taken together | Second Division |
| d) Those who obtain less than 50 per cent of the aggregate marks in 1st and 2nd semester examinations taken together | Fail |
- 7.2 The Controller of Examinations shall publish the result within four weeks after the termination of the examination or as soon thereafter as possible.
- 7.3 Each successful candidate of 1st and 2nd Semester shall receive a detailed marks certificate of having passed that Semester examination as per the university rules and regulations.
8. LL.M. students who get less than 60 per cent marks in the aggregate of all the two semester examinations shall be given one chance for improvement within two years from the date of passing the LL.M. examination.

Provided that no chance of improvement shall be given in Term Paper, Seminars and Dissertation.

Provided also that improvement in performance by a candidate shall not affect his/her inter-se merit position determined on the basis of original examination.

(Syndicate Para 29 (Appendix-XXXVI) dated 31.5.2015, Senate Para XXIX, Item C-30 dated 27.9.2015)

Master of Laws- Two Years (4 Semesters) Degree Course (Self Finance) (Evening), is regulated by same rules which are applicable to Master of Laws as per Panjab University Calendar Vol. II, 2007 at 396-398.

(Syndicate Para 52 R (Appendix -XIII) dated 19.7.2015, Senate Para LXI, Item R-31 dated 27.9.2015)

B.A.LL.B (HONS.) 5 YEARS INTEGRATED COURSE

LIST OF PAPERS (2016-17)

Important Instructions:

- Every student has to opt for one each of the following minor groups and major subject.
- Major subject/Minor group once selected shall continue to be the same till the 6th semester.
- Any subject which is part of opted **Minor Group cannot be opted as Major subject.**
- However, the major, minor options selected by the students shall be finalized by the respective Institute, as per merit and availability of seats.

MINOR GROUP-I

Subject	Semesters
Political Science	1 st , 2 nd , 3 rd
History	4 th , 5 th , 6 th

MINOR GROUP-II

Economics	1 st , 2 nd , 3 rd
Sociology	4 th , 5 th , 6 th

MAJOR SUBJECTS

Political Science History Economics Sociology English

1ST SEMESTER

Group-I (Minor)

Subject

Political Science-I (Minor)

Paper number

I (a)

OR

Group-II (Minor)

Economics-I (Minor)

I (b)

Major (optional)

Political Science-I (Major)

II (a)

History-I (Major)

II (b)

Economics-I (Major)

II (c)

Sociology-I (Major)

II (d)

English-I (Major)

II (e)

The following subjects shall be compulsory:

English-I

III

Socio Legal Research in Era of Information Technology

IV

Law of Torts including Motor Vehicle Accident Act and

V

Consumer Protection Laws

Law of Contract-I

VI

2ND SEMESTER

Group-I (Minor)

Subject

Political Science-II (Minor)

Paper number

I (a)

OR

Group-II (Minor)

Economics-II (Minor) I (b)

Major (optional)

Political Science-II (Major) II (a)

History-II (Major) II (b)

Economics -II (Major) II (c)

Sociology-II (Major) II (d)

English-II (Major) II (e)

The following subjects shall be compulsory:

English-II III

Legal Methods and Systems IV

Jurisprudence V

Special Contracts-II VI

3RD SEMESTER

Group-I

Subjects

Political Science-III (minor) I (a)

OR

Group-II

Subjects

Economics-III (Minor) I (b)

Major (optional)

Political Science-III (Major) II (a)

History-III (Major) II (b)

Economics-III (Major) II (c)

Sociology-III (Major) II (d)

English-III (Major) II (e)

The following subjects shall be compulsory:

English-III III

Public International Law IV

Constitutional Law-I V

Family Law-I VI

4TH SEMESTER

Group-I

Subjects

History-I (Minor) I (a)

OR

Group-II

Subjects

Sociology-I (Minor) I (b)

Major (optional)

Political Science-IV (Major) II (a)

History-IV (Major) II (b)

Economics-IV (Major) II (c)

Sociology-IV (Major) II (d)

English-IV (Major) II (e)

Opt any one of the following Language papers. The Language paper once selected will continue to be the same till 6th semester.

Subjects (optional)

Hindi-I	III(a)
Punjabi-I	III(b)
French-I	III(c)

The following subjects shall be compulsory:

Administrative Law	IV
Constitutional Law-II	V
Family Law-II	VI

5TH SEMESTER

Group-I

Subjects

History-II (Minor)

Paper number

I (a)

OR

Group-II

Subjects

Sociology-II (Minor)

I (b)

Major (optional)

Political Science-V (Major)

II (a)

History-V (Major)

II (b)

Economics-V (Major)

II (c)

Sociology-V (Major)

II (d)

English-V (Major)

II (e)

Subjects (optional)

Hindi-II

III (a)

Punjabi-II

III (b)

French-II

III (c)

The following subjects shall be compulsory:

Indian Penal Code-I

IV

Criminal Procedure-I

V

Opt any one of the following subjects

Local Self Government

VI(a)

Interpretation of Statutes and Principles of Legislation

VI(b)

International Criminal Law and International Criminal Court

VI(c)

6TH SEMESTER

Group-I

Subjects

History-III (Minor)

Paper number

I (a)

OR

Group-II

Subjects

Sociology-III (Minor)

I (b)

Subjects (Optional)

Political Science-VI (Major)	II (a)
History-VI (Major)	II (b)
Economics-VI (Major)	II (c)
Sociology-VI (Major)	II (d)
English-VI (Major)	II (e)

Subjects (optional)

Hindi-III	III (a)
Punjabi-III	III (b)
French-III	III (c)

The following subjects shall be compulsory:

Indian Penal Code-II	IV
Criminal Procedure-II	V

Opt any one of the following subjects

Law Relating to Agriculture (common with Law and Agriculture)	VI(a)
Private International Law	VI(b)
Land Laws and Rent Laws	VI(c)

7TH SEMESTER**Subjects (Optional)**

	Paper number
Political Science-V (Major)	I (a)
History-V (Major)	I (b)
Economics-V (Major)	I (c)
Sociology-V (Major)	I (d)
English-V (Major)	I (e)

The following subjects shall be compulsory

Law of Property (common with Property Law including Transfer of Property Act 1882)	II
Law of Evidence	III
Civil Procedure-I	IV

Opt any one of the following subjects

Gender Justice and Feminist Jurisprudence	V(a)
Right to Information and Media Law	V(b)
Business Laws	V(c)

8TH SEMESTER**Subjects (Optional)**

	Paper number
Political Science-VI (Major)	I (a)
History-VI (Major)	I (b)
Economics-VI (Major)	I (c)
Sociology-VI (Major)	I (d)
English-VI (Major)	I (e)

The following subjects shall be compulsory

Drafting, Pleading and Conveyance	II
Environmental Law	III
Civil Procedure including Limitation Law-II	IV

Opt any one of the following subjects

International Trade Law	V(a)
Election Law	V(b)
Service Laws	V(c)

9TH SEMESTER

Subjects	Paper number
Labour and Industrial Laws	I
Moots and Practical Training (common with Moots)	II
Forensic Science	III
International Human Rights	IV
Principles of Taxation Law	V

10TH SEMESTER

Subjects	Paper number
Labour Laws and International Labour Organization	I
Information Technology Law	II
Company Law	III
Criminology, Penology and Victimology	IV
Intellectual Property Laws	V

**B.COM.LL.B (HONS.) 5 YEARS INTEGRATED COURSE
LIST OF PAPERS (2016-2017)**

1ST SEMESTER

Subject (Minor)	Paper number
Business Economics-I (Minor)	I
Subject (Major)	
Principles of Financial Accounting (Major-I)	II
Paper Nos. III to VI are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.	

2ND SEMESTER

Subject (Minor)	Paper number
Business Economics-II (Minor)	I
Subject (Major)	
Corporate Accounting (Major-II)	II
Paper Nos. III to VI are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.	

3RD SEMESTER

Subject (Minor)	Paper number
Indian Economy (Minor)	I
Subject (Major)	
Cost Accounting (Major-III)	II
Paper Nos. III to VI are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.	

4TH SEMESTER

Subject (Minor)	Paper number
Business Mathematics and Statistics (Minor)	I
Subject (Major)	
Management Concepts and Practices (Major-IV)	II
Paper No. III to VI are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.	

5TH SEMESTER

Subject (Major)	Paper number
Operations Research (Minor)	I
Financial Management (Major-V)	II

Paper Nos. III to VI are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.

6TH SEMESTER

Subject (Major)	Paper number
Auditing and Indirect Tax (Minor)	I
Entrepreneurship and Small Scale Business (Major-VI)	II

Paper Nos. III to VI are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.

7TH SEMESTER

Subject (Major)	Paper number
Operations Research (Major-V)	I

Paper Nos. II to V are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.

8TH SEMESTER

Subjects (Major)	Paper number
Auditing and Indirect Tax (Major-VI)	I

Paper Nos. II to V are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.

9TH SEMESTER & 10TH SEMESTER

Papers of 9th and 10th semesters are common with B.A.LL.B. (Hons.). For details, refer to list of papers of said course.

ONE YEAR LL.M. COURSE LIST OF PAPERS (2016-17)

1ST SEMESTER

S.No	Law, Science & Technology	Commercial and Corporate Laws
	<i>Compulsory Subjects</i>	
1.	Law & Justice in Globalising World, P-I	
2.	Legal Education and Research Methodology, P-II	
	<i>Optional Subjects</i>	
3.	Law Health & Technology P-III	Corporate Governance and Corporate Social Responsibility, P-VI
4.	Intellectual Property Rights in 21st Century, P-IV	Banking & Insurance, P-VII
5.	General Principles of Criminal Law and Forensic Studies, P-V	Commercial Arbitration, P-VIII
6.	Term Paper	

2ND SEMESTER

	<i>Compulsory Subject</i>	
1.	Comparative Public Law, P-IX	
	<i>Optional Subjects</i>	
2.	Law relating to Cyber Space and E-commerce, P-X	International Trade Law, P-XIII
3.	Legal Pedagogy, Language and Education, P-XI	Transnational Corporation and Human Rights, P-XIV
4.	Environmental Law and Policy, P-XII	Labour and Employment Law, P-XV
5.	Dissertation & Viva-Voce	

**MASTER OF LAWS- TWO YEAR (4 SEMESTER) DEGREE COURSE
LIST OF PAPERS (2016-2017)**

SEMESTER I

S.No	Subjects	Paper No.
1	Jurisprudence and Global Justice	I
2	International Law and Human Rights	II
3	Legal Education and Research Methodology	III
4	Methods of Legislation and Interpretation of Statutes	IV
5	Term Paper	

SEMESTER II

S.No	Subjects	Paper No.
1	Law and Social Transformation	V
2	Constitutional Law and New Challenges	VI
3	General Principles of Criminal Law and Forensic Studies	VII
4	Family Law	VIII

SEMESTER III

CHOOSE ANY ONE OF THE FOLLOWING GROUPS

GROUP-I CONSTITUTIONAL AND ENVIRONMENT LAW

S.No	Subjects	Paper No.
1	Administrative Law	IX
2	Service Law	X
3	Environmental Protection Law- I	XI
4	Environmental Protection Law- II	XII

GROUP-II CRIMINAL & CORPORATE LAW

S.No	Subjects	Paper No.
1	Criminal Jurisprudence and Social Defenses	XIII
2	Criminology and Criminal Justice Administration	XIV
3	Corporate Governance and Corporate Social Responsibility	XV
4	Banking and Insurance Law	XVI

SEMESTER IV

CHOOSE ANY ONE OF THE FOLLOWING GROUPS

GROUP-I CONSTITUTIONAL AND ENVIRONMENT LAW

S.No	Subjects	Paper No.
1	Comparative Public Law	XVII
2	Environmental Law and Policy	XVIII

GROUP-II CRIMINAL AND CORPORATE LAW

S.No	Subjects	Paper No.
1	Corporate Crimes and White Collar Crimes	XIX
2	International Trade Law	XX
3	Dissertation & Viva-Voce	

DRESS CODE

On every Wednesday and during Project presentation/all the academic functions of the Institute, the students are required to follow the below mentioned dress code:

White/black trouser, full sleeves white shirt (to be tucked in), black coat, Institute's tie/cravat, black shoes and socks.

The girls could also wear white suit with white dupatta/lawyer's suit with black covered shoes.

VIII. FACULTY OF MEDICAL SCIENCE

DR. HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES AND HOSPITAL

About the Institute

In view of an imminent need for providing a public funded quality oral health care set up to impart dental education and open avenues for research in the field of Oral Health, a Dental Sciences Institute & Hospital was essential. Hence, under the aegis of Panjab University was established Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital in April, 2006 and is duly approved by Dental Council of India/Ministry of Health & Family Welfare, Govt. of India. The Institute aims at providing excellent oral health care facilities to the general public in addition to undergraduate and postgraduate training to students. It has the ability to generate ample research avenues in dental / medical sciences which can have a far reaching impact on not only oral but general health with special thrust on community healthcare and outreach programs for the children and the underserved population. The Institute was rated as "Top Dental College" in the region in a survey by "The Tribune". Institute was also ranked 5th in the country with regard to National Assessment and Accreditation Council as per list released by Dental Council of India.

This Institute encompasses a total of 18 departments (9 dental and 9 medical) with 8 clinical and 11 pre-clinical and para-clinical laboratories. Within a short span the Institute has been attending to 300-350 patients everyday in the various specialty clinics. A fully equipped diagnostic lab is functional at the Institute which is carrying out innumerable bio-chemical, histo-pathological and micro-biological tests at the Institute itself. The academic courses being offered in this Institute are Bachelor of Dental Surgery and Masters in Dental Surgery. BDS is four year course followed by one year compulsory paid rotatory internship with intake of 100 students. MDS is a three years course presently admitting 14 students in five specialities. Our faculty members have been keenly involved in conducting research in various clinical and basic sciences. The major focus areas of this Institution is to provide good and affordable dental treatment in various specialties to the general public, carry out clinical research including surveys, diagnostics & randomized controlled clinical trials, conduct outreach programs to enhance oral health awareness to the underserved population for the benefit of the masses and to provide clinical and didactic training as part of undergraduate teaching curriculum.

Institute has a well-equipped library. The general ailments in patients from adjoining areas are also being attended to by faculty in the medical and surgical OPD. Dental Institute also conducts camps in various schools of Chandigarh and adjoining rural areas.

The Institute strives to provide selfless service to mankind to alleviate the oral sufferings of the masses, contribute to the society by generating dental workforce for the future, working on key research areas with focus on futuristic treatment modalities.

Faculty

Principal-cum-Professor : **Ashish Jain**

Professors	Jagat Bhushan Deepak Kumar Gupta	Hemant Batra	Shefali Singla	Shally Gupta
Associate Professors	Savita Prashar Manjula Mehta M.K. Chhabra Shipra Gupta Urvashi Sharma Vishakha Grover	Komal Sehgal Abha Sheth Komal Marwaha Satya Narain Neeraj Sharma Sanjeev Verma	Kitty Sidhu Divya Mahajan Vinay Kapoor Maninder Pal Singh Ikreet Singh Bal	Anubha Gulati Arun K. Garg Sukant Garg Rajesh Joshi Lalit Kumar

Assistant Professors	Mili Gupta	Sidhi Passi	Archana Agnihotri	Swaty Jhamb
	Suruchi Aditya	Kavita Sekhri	Ruchika	Rakhi Aulakh
	Jyoti Sharma	Sonia Bhardwaj	Shaveta Sood	Rosy Arora
	Devinder Preet Singh	Sharique Rehan	A.P.S. Sandhu	Jyoti Gupta
	Nandini Bhaskar	Leena Verma	Amandeep S. Uppal	Namrata C. Gill
	Sujata Upadhyaya	Sukhwinder Singh	Vivek Kapoor	Prabhleen Brar
	Ruchi Singla	Litesh Singla	Prabhjot Cheema	Rajdeep Brar
	Simranjit Singh			
Lecturers	Pradip Singh	Harveen Kaur (on leave)	Virender Kumar	Manjot Kaur
	Rajni Jain	Rajeev Rattan	Prabhjot Kaur	Amandeep Kaur
	Amrita Rawla	Monika Nagpal	Navjot Kaur (on leave)	Vandana Gupta
	Gurparkash S. Chahal	Neha Bansal	Poonam Sood	Puneet
	Rose Kanwaljit Kaur	Sunint Singh		
Dental Surgeon	Preeti Kang			
Demonstrators	Anupama Vijayvergia	Harkirat Sethi	Ravi Kant Sharma	

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY CRITERIA	FEES
B.D.S.	85+15 NRI*	5 years (10 Semesters)	Based on AIPMT	As per University rules
	* NRI - no entrance test required for admission in NRI category Eligibility as per merit list prepared based on equivalency certificate issued by Panjab University Chandigarh			
M.D.S.	14	3 Years (6 Semesters)	Based on AIPGEE	As per University rules

Titles of Syllabi :

BDS 1st Year :	General Human Anatomy, Dental Material, Human Physiology, Biochemistry, Dental Anatomy and Oral Histology
BDS 2nd Year :	General Pharmacology, General Pathology, General Microbiology, Pre-Clinical Prosthodontics, Pre-Clinical Conservative Dentistry
BDS 3rd Year :	General Medicine, General Surgery, Oral Pathology
BDS 4th Year :	Oral Medicine and Radiology, Oral Surgery, Prosthodontics, Periodontics, Conservative Dentistry, Pedodontics, Orthodontics, Public Health Dentistry

M.D.S.

The Dental Institute has started Post Graduation in 5 specialities wherein 14 candidates have been admitted on the basis of All India Post Graduate Dental Entrance Examination. Seats per specialty are as follows:

Conservative Dentistry & Endodontics	3
Oral and Maxillofacial Surgery	2
Orthodontics & Dentofacial Orthopedics	3
Periodontics	3
Prosthodontics and Crown & Bridges	3

IX. FACULTY OF PHARMACEUTICAL SCIENCES

UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES

About the Institute

The University Institute of Pharmaceutical Sciences (UIPS) was established in Lahore in 1944 and got re-located on the campus of Panjab University, Chandigarh in 1959. The Institute is one of the most prestigious academic organizations committed and catering to excellence in all the domains of pharmaceutical sciences. More than 3000 research papers, 182 Ph.Ds, 50 books, 75 patents (granted & field), numerous national and international awards and meritorious recognitions to the faculty are some of the notable accomplishments of the Institute. A few of the remarkable discoveries of new medicines have seen the reality of industrial commercialization after their successful technology transfers. Three of the faculty members have been elected as National Presidents of the prestigious Indian Pharmaceutical Congress too. The alumni occupy highest echelons in industry, research organizations and academia in India and abroad.

In recognition to its contributions in research and teaching, the University Grants Commission (UGC) has accorded the highest level of status to the Institute as Centre of Advanced Study (CAS-II) in Pharmaceutical Sciences, the first University Institution in the country to be granted with this status. Since 2009, the UIPS has been the sole institute of the country to serve as UGC Networking Resource Centre (NRC) to impart training to pharmacy professionals in frontier and thrust domains of pharmaceutical sciences. The Institute has also received FIST grant from DST in 2006 and 2012.

Faculty

Particulars	Name	Field of Research Specialization
Professors Emeritus	Harkishan Singh	<i>Pharmaceutical Chemistry</i>
	S.K.Kulkarni	<i>Pharmacology</i>
Professors	Bhupinder Singh Bhoop (<i>Chairperson</i>)	<i>Pharmaceutics</i>
	Karan Vasisht	<i>Pharmacognosy</i>
	O.P. Katare	<i>Pharmaceutics</i>
	V.R. Sinha	<i>Pharmaceutics</i>
	Renu Chadha	<i>Pharmaceutical Chemistry</i>
	Kanwaljit Chopra	<i>Pharmacology</i>
	Anupam Sharma	<i>Pharmacognosy</i>
	Indu Pal Kaur	<i>Pharmaceutics</i>
	Manoj Kumar	<i>Pharmaceutical Chemistry</i>
	Anil Kumar	<i>Pharmacology</i>
	Ranju Bansal	<i>Pharmaceutical Chemistry</i>
	Poonam Piplani	<i>Pharmaceutical Chemistry</i>
Maninder Karan	<i>Pharmacognosy</i>	
Associate Professor	Alka Bali	<i>Pharmaceutical Chemistry</i>
Assistant Professors	Anurag	<i>Pharmacology</i>
	Neelima Dhingra	<i>Pharmaceutical Chemistry</i>
	Jai Malik	<i>Pharmacognosy</i>
	Ashwani Kumar	<i>Pharmacognosy</i>
	Vandita Kakkar	<i>Pharmaceutics</i>
	Amita Sarwal	<i>Pharmaceutics</i>
	Sangeeta Pilkhwal Sah	<i>Pharmacology</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Bachelor of Pharmacy (B.Pharm.)	46+6NRI	4 years (8 Semesters)	50% Marks in 10+2 with English, Physics, Chemistry and one of the following subjects :- Biology/ Biotechnology/Mathematics Admission based on P.U. CET-(U.G.) 2016
Master of Pharmacy (M. Pharm.)		2 years (4 Semesters)	B. Pharm. from AICTE / PCI approved Institutions/ Universities with valid GPAT score*. For NRI Category B. Pharm. with valid GPAT / GRE (General).
(Regular Courses) :			
M. Pharm. in Pharmaceutical Chemistry		Category A: 08 Category B: 02	Admission to all M.Pharm. Courses is made on the basis of combined merit calculated from aggregate marks obtained in B. Pharm. 4-years Course (30% weightage) and GPAT score (70% weightage). Under Category A any seat (s) remaining unfilled will be transferred to Category B and Vice-versa The candidates who have graduated from the Panjab University will be awarded 10% weightage on B. Pharm. marks
M. Pharm. in Pharmaceutics		Category A: 08 Category B: 02	
M. Pharm. in Pharmacognosy		Category A: 04 Category B: 01	
M. Pharm. in Pharmacology		Category A: 04 Category B: 01	
(Self Finance Courses*) :			
M. Pharm. in Pharmaceutical Analysis and Quality Assurance	10		*The Non-GPAT candidates will also be considered for admission in the Self-Finance courses, only if the seat(s) remain vacant after admitting all GPAT-qualified candidates, provided that their overall percentage of B. Pharm. marks is not less than 60%.
M. Pharm. in Drug Discovery and Drug Development	10		

* For NRI candidates, additional 15% seats are available in each of the Regular Courses.

Category A : Panjab University candidates

Category B : Candidates from institutes other than Panjab University

- Note :**
1. The candidates who have graduated from the Panjab University will be awarded additional weightage of 10% on B. Pharm. marks.
 2. Any seat(s) remaining unfilled under Category A will be transferred to Category B, and vice-versa.
 3. There is a provision of grant of scholarship to GPAT-qualified candidates on the merit basis under Direct Benefit Transfer (DBT) Scheme of AICTE as per their guidelines.

Doctor of Philosophy : GPAT-qualified students are registered from time to time for Ph.D., depending upon the availability of seats under different projects/schemes/fellowships sponsored by different agencies, including industry. For more information, refer to Rules and

Regulations governing Ph. D degree in Faculty of Pharmaceutical Sciences at page 319 of P.U. Calendar Vol. III of 2005 & at page 558 of P.U. Calendar Vol. II of 2007, respectively.

Titles of Syllabi (Theory & Practical)

Bachelor of Pharmacy

SEMESTER-I

PHARM-1011	Organic Chemistry-I	PHARM-1111	Organic Chemistry
PHARM-1021	Pharmaceutical Technology-I (General and Dispensing Pharmacy)	PHARM-1121	Practical -I Pharmaceutical Technology Practical -I (General and Dispensing Pharmacy)
PHARM-1031	Pharmacognosy-I	PHARM-1131	Pharmacognosy Practical -I
PHARM-1051(M&B)	Remedial Mathematics or Remedial Biology	PHARM-1151(B)	Remedial Biology Practical
PHARM-1061	Computer Science and applications	PHARM-1161	Computer Science Practical

SEMESTER-II

PHARM-2011	Organic Chemistry-II	PHARM-2111	Organic Chemistry Practical-II
PHARM-2012	Pharmaceutical Analysis-I	PHARM-2112	Pharmaceutical Analysis Practical -I
PHARM-2021	Physical Pharmaceutics-I	PHARM-2121	Physical Pharmaceutics Practical -I
PHARM-2041	Anatomy, Physiology and Health Education-I (APHE-I, Cell Biology)	PHARM-2141	Anatomy, Physiology and Health Education Practical-I (APHE-I)
PHARM-2071	Pharmaceutical Statistics		

SEMESTER-III

PHARM-3011	Chemistry of Natural Products and including Heterocyclic compounds	PHARM-3112	Medicinal Chemistry Practical-I
PHARM-3012	Medicinal Chemistry-I	PHARM-3121	Physical Pharmaceutics Practical-II
PHARM-3021	Physical Pharmaceutics-II	PHARM-3122	Pharmaceutical Microbiology Practical
PHARM-3022	Pharmaceutical Microbiology	PHARM-3131	Pharmacognosy Practical-II
PHARM-3031	Pharmacognosy-II	PHARM-3141	Anatomy, Physiology and Health Education
PHARM-3041	Anatomy, Physiology and Health Education-II (APHE-II)		Practical-II (APHE-II)
PHARM-3111	Chemistry of Natural Products and Heterocycles Practical		

SEMESTER-IV

PHARM-4011	Physical Chemistry	PHARM-4111	Physical Chemistry Practical
PHARM-4021	Pharmaceutical Technology-II	PHARM-4121	Pharmaceutical Technology Practical-II
PHARM-4022	Principles of Pharmaceutical Operations	PHARM-4122	Pharmaceutical Operations Practical
PHARM-4031	Pharmacognosy-III	PHARM-4131	Pharmacognosy Practical-III
PHARM-4041	Pharmacology-I	PHARM-4141	Pharmacology Practical-I
PHARM-4081	Environmental Studies		

SEMESTER-V

PHARM-5011	Medicinal Chemistry-II	PHARM-5112	Biochemistry Practical
PHARM-5012	Biochemistry	PHARM-5121	Pharmaceutical Technology Practical-III
PHARM-5021	Pharmaceutical Technology-III	PHARM-5122	Biological Pharmacy and Biotechnology Practical
PHARM-5022	Biological Pharmacy and Biotechnology	PHARM-5141	Pharmacology Practical-II
PHARM-5041	Pharmacology-II		

SEMESTER-VI

PHARM-6011	Pharmaceutical Analysis-II	PHARM-6111	Pharmaceutical Analysis Practical-II
PHARM-6012	Medicinal Chemistry-III	PHARM-6112	Medicinal Chemistry Practical-III
PHARM-6021	Cosmetology	PHARM-6121	Cosmetology Practical
PHARM-6022	Pharmaceutical Jurisprudence	PHARM-6131	Pharmacognosy Practical-IV
PHARM-6031	Pharmacognosy-IV	PHARM-6141	Pharmacology Practical-III
PHARM-6041	Pharmacology-III		

SEMESTER-VII

PHARM-7011	Pharmaceutical Analysis-III	PHARM-7111	Pharmaceutical Analysis Practical-III
PHARM-7021	Pharmaceutical Technology-IV	PHARM-7121	Pharmaceutical Technology Practical-IV
PHARM-7022	Pharmacokinetics and Biopharmaceutics-I	PHARM-7131	Pharmacognosy Practical-V
PHARM-7031	Pharmacognosy-V	PHARM-7141	Pharmacology Practical-IV
PHARM-7041	Pharmacology-IV		

SEMESTER-VIII

PHARM-8011	Medicinal Chemistry-IV	PHARM-8111	Medicinal Chemistry Practical-IV
PHARM-8021	Pharmaceutical Technology-V	PHARM-8121	Pharmacokinetics, Biopharmaceutics and Clinical Pharmacy Practical
PHARM-8022	Pharmacokinetics and Biopharmaceutics-II	PHARM-8131	Pharmacognosy Practical-VI
PHARM-8023	Clinical Pharmacy		
PHARM-8031	Pharmacognosy-VI		

Master of Pharmacy

Pharmaceutical Chemistry

SEMESTER-I

MPCHM-1011	Advanced Organic Chemistry-I	MPCOM-1071	Modern Analytical Pharmaceutical Techniques Practical-I
MPCHM-1012	Advances in Chemistry of Natural Products	MPCHM-1111	Pharmaceutical Chemistry Practical-I
MPCHM-1013	Advances in Medicinal Chemistry-I	MPCOM-1171	Modern Analytical and Pharmaceutical Techniques Practical

SEMESTER-II

MPCHM-2011	Advanced Organic Chemistry-II	MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affair
MPCHM-2012	Advanced Analytical Techniques	MPCHM-2111	Pharmaceutical Chemistry Practical-II
MPCHM-2013	Advances in Medicinal Chemistry-II		

Pharmaceutics**SEMESTER-I**

MPCEU 1021	Dosage Forms Design and Development	MPCOM 1071	Modern Analytical and Pharmaceutical Techniques
MPCEU 1022	Advances in Drug Delivery-I	MPCEU-1121	Pharmaceutics Practical-I
MPCEU 1023	Advanced Pharmacokinetics and Biopharmaceutics-I	MPCOM 1171	Pharmaceutics Practical-I
			Modern Analytical and Pharmaceutical Techniques Practical

SEMESTER-II

MPCEU 2021	Advances in Drug Delivery-II	MPCOM 2084	Intellectual Property Rights and Drug Regulatory Affairs
MPCEU 2022	Advanced Pharmacokinetics and Biopharmaceutics-II	MPCEU 2121	Pharmaceutics Practical-II
MPCEU 2023	Pharmaceutical Technology and Biotechnology		

Pharmacognosy**SEMESTER-I**

MPCOG-1031	Drug Discovery from Natural Sources	MPCOG-1131	Pharmacognosy Practical-I
MPCOG-1032	Phytochemical Techniques	MPCOM-1171	Modern Analytical and Pharmaceutical Techniques Practical
MPCOG-1033	Plant Drug Standardization		
MPCOM-1071	Modern Analytical and Pharmaceutical Techniques		

SEMESTER-II

MPCOG-2031	Advances in Pharmacognosy-I	MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affairs
MPCOG-2032	Advances in Pharmacognosy-II	MPCOG-2131	Pharmacognosy Practical-II
MPCOG-2033	Plant Drug Cultivation		

Pharmacology**SEMESTER-I**

MPCOL-1041	General Pharmacology, Pathobiology and Therapeutics	MPCOM-1071	Modern Analytical and Pharmaceutical Techniques
MPCOL-1042	Experimental Pharmacological Techniques	MPCOL-1141	Pharmacology Practical-I
MPCOL-1043	Drug Discovery and Toxicology	MPCOM-1171	Modern Analytical and Pharmaceutical Techniques Practical

SEMESTER-II

MPCOL-2041	Clinical Pharmacology	MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affairs
MPCOL-2042	Molecular Pharmacology		
MPCOL-2043	Recent Advances in Pharmacology	MPCOL-2141	Pharmacology Practical -II

Pharmaceutical Analysis and Quality Assurance

SEMESTER-I

MPQUA-1051	Applied Pharmaceutical Analysis-I	MPCOM-1071	Modern Analytical and Pharmaceutical Techniques
MPQUA-1052	Good Manufacturing Practices (GMPs)	MPQUA-1151	Pharmaceutical Analysis Practical-I
MPQUA-1053	Plant Drug Standardization	MPCOM-1171	Modern Analytical and Pharmaceutical Techniques Practical

SEMESTER-II

MPQUA-2051	Applied Pharmaceutical Analysis-II	MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affairs
MPQUA-2052	Advanced Analytical Techniques	MPQUA-2151	Pharmaceutical Analysis Practical-II
MPQUA-2053	Quality Management and Validation		

Drug Discovery and Drug Development

SEMESTER-I

MPDRD-1061	Drug Discovery Process	MPCOM-1071	Modern Analytical and Pharmaceutical Techniques
MPDRD-1062	Preclinical Drug Discovery and Drug Development	MPDRD-1161	Drug Discovery Practical-I
MPDRD-1063	Pharmacokinetics and Pharmacodynamics in New Drug Development	MPCOM-1171	Modern Analytical and Pharmaceutical Techniques Practical

SEMESTER-II

MPDRD-2061	Drug Design and Development	MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affairs
MPDRD-2062	Clinical Drug Development		
MPDRD-2063	Drug Delivery Issues in New Drug Development	MPDRD-2161	Drug Discovery Practical-II

Third and fourth semester shall comprise of research work only.

Thrust Areas

Facilities are available for advanced research in Pharmaceutics, Pharmaceutical Chemistry, Pharmacognosy and Pharmacology.

Some of the thrust areas include, search for new chemical entities (synthetic/semi-synthetic/natural), QbD-based development of novel and nanostructured drug delivery systems, advanced pharmacokinetic modeling, advanced pharmacological studies related to drug discovery and development, herbal drug standardization and development of novel herbal formulations.

X. FACULTY OF SCIENCE

DEPARTMENT OF ANTHROPOLOGY

About the Department

The Department was established in 1960. During the last more than five decades, the department has not only grown in terms of personnel, equipment and laboratories, and library, it has contributed significantly to the furtherance of anthropological teaching and research in the country.

Infrastructure and Laboratories facilities for teaching and research are available in Anthropology, Osteology, Serology and Bio-chemical Anthropology, Palaeoanthropology and Prehistoric Archaeology, Socio-Cultural Anthropology, Dermatoglyphics, Forensic Anthropology, Computer, Molecular Anthropology, Anatomy and Instrumentation Laboratory. The unique 'Museum of Man' in the Department has a Gallery of Fossil Apes, Primates and Man which includes life-size models, and an Ethnographic Gallery which includes items of material culture. The Dewan Bahadur Wali Ram Taneja Gold Medal is awarded annually to the student who stands first with a first division in M.Sc. (H.S.). From the year 2006, Prof Dr. S.R.K. Chopra Memorial scholarship has been instituted is awarded to the students who tops B.Sc. (H.S), M.Sc. (H.S). M.Sc. (H.S) students also undertake internship programme of one month duration before they rejoin for the M.Sc. (H.S) 2nd year. Fieldwork is organized by the Department where students are given instructions in the field and research methods and based on empirical work they write progress reports. The Department was recognized as one of the centers under U.G.C. Programme of Special Assistance and Departmental Research Support in 1988, this programme is extended up to 2009.

The department has also been selected for support under UGC assistance for strengthening of the infrastructure of the Humanities & Social Science (ASIHSS) Programme in Anthropology for a period of five years i.e. 1.4.2005 - 31.3.2010. From 2010-2011, the department has been granted FIST- DST and is also a UGC Centre for Advanced Studies (CAS) in Anthropology(2011-2016). "An oration of award in the name of Prof S.R.K. Chopra has been instituted"

Faculty

Particulars	Name	Field of Research Specialization
Professors (Re-employed)	R.K. Pathak	<i>Physical Anthropology</i>
	Shalina Mehta	<i>Social Anthropology</i>
	Indu Talwar	<i>Physical Anthropology</i>
	Krishan Sharma	<i>Physical Anthropology</i>
	Rajan Gaur	<i>Physical Anthropology</i>
Professors	A.K. Sinha	<i>Social Anthropology</i>
	Abhik Ghosh (Chairperson)	<i>Social Anthropology</i>
Associate Professor	Kewal Krishan	<i>Physical Anthropology</i>
Assistant Professors	Maninder Kaur	<i>Physical Anthropology</i>
	Ramesh Sahani	<i>Physical Anthropology</i>
	Jasmahender Singh	<i>Physical Anthropology</i>
Assistant Professor-cum-Curator	Gayathiri Pathamanathan	<i>Physical Anthropology</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S.)	30+4 (NRI)	3 years (6 Semesters)	Through P.U.-CET-2016 (U.G.)
M.Sc. (H.S.)	23+3 (NRI)	2 years (4 Semesters)	(i) B.Sc. (Hons. School) Anthropology or equivalent Examination. (ii) B.A./B.Sc. Examination of P.U. or any other Examination recognized by P.U., as equivalent thereto.
Diploma in Forensic Science & Criminology	20+2* *For in Govt. Sponsored Police Personal	1 year (2 Semesters)	(i) Bachelor's Degree of P.U. subject to having +2 with Science or any equivalent examination. or (ii) An examination of any other University recognized by Syndicate as equivalent to (i) above.
Ph.D.	Subject to availability of seats	3-5 years	Through P.U. Entrance Test and UGC JRF, NET ICMR etc. See General Important Guidelines.

NOTE : Usually, Panjab University rules for admission to M.Sc. would be applicable for all candidates.

Title of Syllabi :**B.Sc. (H.S.)****SEMESTER-I**

AHS-111	Introduction to Physical Anthropology	AHS-113	Practical in Physical Human Osteology
AHS-112	Introduction to Social-Cultural Anthropology	AHS-114	Practical in Human Somatoscopy & Applications

SEMESTER-II

AHS-121	Evolutionary Theory & Primatology	AHS-123	Practical in Comparative Primatology
AHS-122	Theories in Social-Cultural Anthropology	AHS-124	Practical in Anthropology

SEMESTER-III

AHS- 231	Palaeoanthropology	AHS- 234	Practical Palaeoanthropology
AHS- 232	Kinship, Family & Marriage	AHS- 235	Practical Demography
AHS- 233	Fundamentals of Demography		

SEMESTER-IV

AHS- 241	Prehistoric Archaeology	AHS- 244	Practical Prehistoric Archaeology
AHS- 242	Social Anthropology	AHS- 245	Practical Bio-Social Anthropology
AHS- 243	Anthropological Demography		

SEMESTER-V

AHS-351	Human Auxology Theory Practical	AHS-353 AHS-354	Anthropology of Tribe (Theory) Fundamentals of Human Ecology (Theory)
AHS-352	Fundamentals of Human Genetics Theory Practical	AHS-355	Fundamental of Anatomy (Theory)

SEMESTER-VI

AHS-361	Human Body Composition and Physique Theory Practical	AHS-363 AHS-364 AHS-365	Caste and Class in India (Theory) Human Adaptability (Theory) Fundamentals of Human Physiology (Theory)
AHS-362	Human Genetics Variations Theory Practical		

NOTE: *In this year, it is proposed to begin a choice based credit systems syllabus in B.Sc. 1st year as follows:*

SEMESTER-I

Core Subject :

ANTH-101	Introduction to Biological Anthropology	ANTH-102	Introduction to Socio-Cultural Anthropology
----------	--	----------	--

SEMESTER-II

ANTH-201	Archaeological Anthropology	ANTH-202	Fundamentals of Human Origin & Evolution
----------	-----------------------------	----------	---

General Elective:

GE-I	Introduction to Anthropology Theory Practical	GE-3	Introduction to Social-Cultural Anthropology Theory Practical
GE-2	Biological Anthropology Theory Practical	GE-4	Archaeological Anthropology Theory Practical

B.Sc. (Hons. Sch.) 1st year Subsidiary in Anthropology

SEMESTER-I

AHS- 101S	Introduction to Physical Anthropology	AHS- 102S	Practical in Physical Anthropology
-----------	--	-----------	------------------------------------

SEMESTER-II

AHS- 103S	Fundamentals of Human Genetics	AHS- 104S	Practical in Morphological & Genetic Variation
-----------	--------------------------------	-----------	---

B.Sc. (Hons. Sch.) 2nd year Subsidiary in Anthropology

SEMESTER-III

AHS- 201S	Fundamental Palaeoanthropology	AHS- 202S	Practical in Palaeoanthropology
-----------	--------------------------------	-----------	---------------------------------

SEMESTER-IV

AHS- 203S	Introduction to Prehistoric Archaeology	AHS- 204S	Practical in Prehistoric Archaeology
-----------	---	-----------	--------------------------------------

M.Sc. (H.S.)

SEMESTER-I

AHS- 411	Physical Anthropology and Race Biology	AHS- 415	Practical Studies in Human Evolution-I
AHS- 412	Prehistoric Archaeology	AHS- 416	Palaeoanthropology
AHS- 413	Social Anthropolgy	AHS- 417	Transmission & Molecular Genetics
AHS- 414	Practical in Physical Anthropology-I	AHS- 418	Research Methods and Descriptive Statistics

SEMESTER-II

AHS- 421	Primatology	AHS- 425	Practical work in Human Evolution II
AHS- 422	Paleolithic Cultures	AHS- 426	Palaeoprimatology
AHS- 423	Social Structure and Culture Change	AHS- 427	Cytogenetics and Classical Genetic Methods
AHS- 424	Practical in Physical Anthropology II	AHS- 428	Inferential Statistical Methods

SEMESTER-III

Compulsory Papers

AHS- 531	Human Growth & Somatotyping	AHS- 534	Anthropological Theories
AHS- 532	Human Ecology	AHS- 535	Project Report 1: Project Formulation & Data Collection
AHS- 533	Human Demography		

PROGRAMME OPTIONS (Students may choose any of the options A or B)

OPTION-A : Biological Anthropology (Students may choose any three of the following papers)

AHS- 536A	Early Human Evolution (Theory & Practical)	AHS- 538A	Human Red Cell Polymorphism (Theory & Practical)
AHS- 537A	Forensic Anthropology (Theory & Practical)	AHS-539A	Population genetics and Speciation (Theory & Practical)

OPTION-B : Socio-Cultural Anthropology (Students may choose any three of the following papers)

AHS-536B	Tribal and Rural Anthropology (Theory & Practical)	AHS-538B	Practice in Anthropology (Theory & Practical)
AHS-537B	Medical Anthropology (Theory & Practical)	AHS-539B	Reading in Contemporary Anthropology (Theory & Practical)

SEMESTER-IV

Compulsory Papers

AHS-541	Human Body Composition and Kinanthropology	AHS-544	Contemporary and Indian Anthropology
AHS-542	Energy Flow and Human Ecological Responsiveness	AHS-545	Project Report 2: Data Analysis and Report Writing
AHS-543	Human Epidemiology and Public Health		

PROGRAMME OPTIONS (Students may choose any of the options A or B)

OPTION- A : Biological Anthropology (Students may choose any three of the followings papers)

AHS-546A	Dimensions and Implications of Human Evolution (Theory & Practical)	AHS-548A	Enzyme, Serum proteins & other Genetic Variation (Theory & Practical)
AHS-547A	Forensic Biology (Theory & Practical)	AHS-549A	Gene flow and Quantitative Genetics (Theory & Practical)

OPTION-B : Socio-Cultural Anthropology (Students may choose any three of the followings papers)

AHS-546B	Tribal Anthropology and Peasant Movements (Theory & Practical)	AHS-548B	Anthropology in Action (Theory & Practical)
AHS-547B	Cultural Disease and Illness (Theory & Practical)	AHS-549B	Current Anthropology and Policy (Theory & Practical)

Diploma in Forensic Science and Criminology Course

SEMESTER-I

Paper No.	Title	Paper No.	Title
DFSc 1.1	Fundamentals of Forensic Science-I	DFSc 1.4	Criminology and Criminal Law-I
DFSc 1.2	Forensic Anthropology-I	DFSc 1.5	Practical in Forensic Science-I
DFSc 1.3	Forensic Physical Sciences-I		

SEMESTER-II

DFSc 2.1	Fundamentals of Forensic Science-II	DFSc 2.4	Criminology and Criminal Law-II
DFSc 2.2	Forensic Anthropology-II	DFSc 2.5	Practical in Forensic Science-II
DFSc 2.3	Forensic Physical Science-II		

CAS-I Thrust Areas:

- I. Palaeoanthropology and Molecular Anthropology
- II. Human Ecology in North West India: Continuity & Change
- III. Bio-cultural correlates of Health and Disease

DEPARTMENT OF BIOCHEMISTRY

About the Department

Department of Biochemistry was started in 1962 and has grown steadily and is now recognized as an important centre of research and teaching in the country. Our teaching oriented Department provides many opportunities for prospective students who can acquire thorough training and degree in contemporary Biochemistry through our honors program: B.Sc., M.Sc. and Ph.D. Our Department attracts the best students and provides an excellent foundation for future, be it in research, academics or industry.

The department's research focus is primarily on understanding the Molecular basis of disease, Immune disorders, Neurochemistry, Cancer biology, Microbial Biochemistry, Analytical Biochemistry and Environmental Toxicology. The Department is in the GROWTH and BUILDING phase, with induction of new faculty, recognition for funding under FIST programme of Department of Science and Technology, Government of India and Special Assistance Programme of the University Grant Commission. The Department has several sophisticated instruments such as GC-MS Perkin Elmer Lambda-35, High Speed Centrifuges, UV-Vis Spectrophotometers, Thermocycler, Gel-Doc, Lyophiliser, Spectrofluorimeter, HPLC, Ultracentrifuge and flowcytometer for enhancing research facilities.

The Opportunities for Ph.D. are varied and designed to provide solid training as an independent and research scientist, both, in academic as well as industrial settings. Our alumni occupy important positions in India and abroad.

Faculty

Particulars	Name	Field of Research Specialization
Professor (<i>Re-employed</i>)	S. K. Singla	<i>Urolithiasis</i>
Professors	S. C. Sharma (<i>Chairperson</i>)	<i>Stress Biochemistry</i>
	Rajat Sandhir	<i>Neurochemistry</i>
	Archana Bhatnagar	<i>Immunology</i>
Associate Professor	Navneet Agnihotri	<i>Cancer Biology</i>
Assistant Professors	Dipti Sareen	<i>Microbial Biochemistry</i>
	Nirmal Prabhakar	<i>Analytical Biochemistry</i>
	Amarjit S. Narua	<i>Cellular & Molecular Immunology</i>

Courses Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S.)	30+4NRI	3 years (6 Semesters)	Through P.U.-CET-(U.G.) 2016 and as per University rules
M.Sc. (H.S.)*	30+4NRI	2 years (4 Semesters)	(a) B.Sc. (Hon. School) Biochemistry or its equivalent exam. (b) 50% marks in B.Sc. (Pass or Hons.) exam. of the P.U. or any other exam. recognized by P.U. as equivalent thereto with Biochemistry as one of the elective subjects + P.U.-CET (P.G.)
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of Syllabi: (Detailed syllabi already exist on the P.U. website)

Thrust Areas:

Molecular basis of Diseases, Neurochemistry, Cancer Biology, Microbial Biochemistry, Immunology, Natural Products Biochemistry, Analytical Biochemistry and Biochemical Toxicology

DEPARTMENT OF BIOPHYSICS

About the Department

Biophysics has in recent times emerged as an important interdisciplinary subject in Life Science and primarily deals with the structure, bioenergetics, dynamics and function of the biomolecules. Over the years, the discipline of biophysics has played a significant role in growth of the critical areas, which include molecular biophysics, physiological biophysics, medical physics, radiation physics, gene and protein engineering neuro degenerative disorders and membrane biophysics. Advances in these areas have paved newer initiatives for the designing and development of drugs and medical technologies.

*After admitting all the ongoing students of B.Sc. (H.S.) 3rd year, vacant seats will be filled from outside, B.Sc. (MLT) examination is not equivalent to B.Sc (H.S.) Biochemistry of P.U.

The Department of Biophysics was established in 1964 and it is the only department in the country, which offers both undergraduate and postgraduate courses in the discipline of Biophysics (Hons. School) ever since. The department also offers excellent research opportunities leading to the award of Ph.D. degree. The courses being offered to the three year B.Sc. (Hons. School) and two year M.Sc. (Hons. School) students in Biophysics are planned in a way, so as to provide a broad base in the subject and be accepted in the diverse fields of biomedical sciences. Alumni from this department have been suitably employed and many of them have occupied coveted positions in the academic, industry, medical institutions, national laboratories and prestigious research institutions in India and abroad.

The department has been given special assistance grants under UGC-SAP program, Phase DSA-I from April 2015-2020. The department is also recognized under DST-FIST Programme. In addition the Department is also availing DST PURSE Grant on a regular basis.

For more details see the website <http://biophysics.puchd.ac.in>

Faculty

Particulars	Name	Field of Research Specialization
Prof. Emeritus	G.S. Gupta	Proteomics and Cancer-Testis Antigens
Emeritus Scientist (UGC)	M.P. Bansal	<i>Oxidative Stress mechanisms and its modulation in male reproduction</i>
Emeritus Scientist Medical Scientist (ICMR)	S.N.Sanyal	<i>Cancer Cell and Molecular Biology</i>
Prof. Re-employed	Bimla Nehru	<i>Neurobiophysics, Physiology and Anatomy</i>
Professors	D.K. Dhawan M.L. Garg (Chairperson) Ashwani Koul	<i>Nuclear Medicine and Radiation Biophysics Spectroscopic & Computational Studies of metalloproteins Biomedical Instrumentation Phytomedicine & Carcinogenesis</i>
Assistant Professors	Avneet Saini Sarvnarinder Kaur Tanzeer Kaur Pavitra Ranawat Simran Preet Naveen Kaushal	<i>Computational Biophysics Molecular Biology Proteomics and Calcification Molecular Biology Anti Microbial Peptides Cellular & Molecular Immunology</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (Hons. School)	25+4 NRI	3 years (6 Semesters)	A candidate should have passed 10+2 examination with at least 50 % marks (45 % marks in case of SC/ST) with English, Physics, Chemistry, Mathematics/Biology/ Biotechnology/ Computer Science. and merit in Common Entrance Test conducted by the Panjab University

M.Sc. (Hons. School)	25+4 NRI	2 years (4 Semesters)	a) B.Sc. (H.S.) in Biophysics of Panjab University OR b) B.Sc./B.Sc.(Hons.) in Biophysics/ Bioinformatics/Biotechnology of the Panjab University or any other examination recognized as equivalent. OR c) B.Sc. with Physics, Chemistry and any one of the subjects from Life Sciences as the subjects during all the three years of the graduation. and merit in P.U.(CET.PG) 2016 conducted by the Panjab University
Ph.D.	Subject to availability of seats	3-5 years	Candidates with M.Sc. in any discipline of sciences who have cleared the all India level test such as UGC/CSIR or ICMR etc. or the Ph.D. entrance examination in the subject of Biophysics conducted by Panjab University are eligible to be enrolled in the Biophysics for Ph.D.

Ph.D.

The Department offers research facilities leading to Ph.D. degree in the areas of Cell & Molecular Biology, Molecular Biophysics, Radiation Biophysics, Neurobiophysics, Membrane Biophysics, Molecular Modelling & Drug Designing, Molecular & Reproductive Endocrinology, Cellular & Molecular Toxicology, Cancer Biology, Biomaterials and Biomedical Instrumentation.

Title of Syllabi

B.Sc. (Hons.School) First Year

(Major Courses)

SEMESTER I

- BP-1101 Introduction to Tissue Processing
- BP-1102 Introduction to Electronics, Radiation Physics and Biomagnetism
- BP-1151 Practical (relating to BP-1101 and 1102)

SEMESTER II

- BP-1201 Introduction to Light and Electron Microscopy
- BP-1202 Introduction to Radiation, Biophysics Biomechanism & Biomaterial
- BP-1251 Practical (relating to BP-1201 and 1202)

Subsidiary Subjects

- i) English preliminary Paper A
- ii) English Paper B (Oral)
- iii) Physics Paper I (Electricity, Magnetism & Electronics)

- iv) Physics Paper II (Optics & Modern Physics)
- v) General Chemistry
- vi) Mathematics
- vii) Paper-I (Algebra, Geometry & Trigonometry)
- viii) Mathematics Paper-II (Calculus & Differential Equations)
- ix) Zoology
- x) Botany

Ps:- With the implementation of Choice Based Credit System, the revision of subjects is under consideration from the Session 2016-17

Second Year

SEMESTER III (Major Courses)

- BP-2301 Microscopic Anatomy of connective & Nervous Tissue
- BP-2302 Physiology of Circulatory & Respiratory Systems
- BP-2303 Biophysical Chemistry of Macromolecules
- BP-2304 Biophysical Techniques for Isolation of Cells and Macromolecules
- BP-2351 Practical-1 (relating to course no. BP 2301-2302)
- BP 2352 Practical-2 (relating to course no. BP 2303-2304)

Subsidiary Subjects

- BPS-2371 Mammalian Functional anatomy
- BPS-2372 Practical (relating to course No. BPS-2371)

SEMESTER IV (Major courses)

- BP-2401 Microscopic anatomy of Human organ Systems
- BP-2402 Physiology of Digestive, Excretory & Endocrine Systems
- BP-2403 Cellular Energetic and Thermodynamics
- BP-2404 Biophysical characterization of Macromolecules
- BP-2451 Practical-1 (relating to course no. BP-2401 and BP-2402)
- BP-2452 Practical-1 (relating to course no. BP-2403 and BP-2404)

Subsidiary Subjects

- BPS-2471 Medical Biophysics
- BPS-2472 Practical (relating to course No. BPS 2471)

Third Year

SEMESTER V (Major courses)

- BP -3501 Cell Organisation and Physiology
- BP -350 Molecular Biology of Pro and Eukaryotes
- BP -3503 Neuroanatomy and Physiology
- BP -3504 Molecular Biophysics and Crystallography
- BP -3505 Radiation Medicine
- BP-3506 Electronics of Biomedical Instruments
- BP-3551 Practical-1 (relating to course No. BP-3501-03)
- BP-3552 Practical-1 (relating to course No. BP-3504-06)

SEMESTER-VI

- BP -3601 Molecular cell Physiology
- BP -3602 Gene Expression And Cell Signalling
- BP-3603 Functional Neuroscience
- BP-3604 Spectral Characterisation of Biomolecules
- BP-3605 Radiation Biophysics
- BP-3606 Biomedical instrumentation
- BP-3651 Practical-1 (relating to course no. BP 3601-03)
- BP-3652 Practical-1 (relating to course no. BP 3604-06)

M.Sc.(Hons. School)

First Year

SEMESTER I

- BP-4101 Cell and Membrane Biophysics
- BP-4102 Molecular basis of Gene and Protein Engineering
- BP-4103 Biomolecular spectroscopy
- BP-4104 Medical Physics
- BP-4105 Bioinformatics and its applications
- BP-4151 Practical -I (Related to BP- 4101-05)

SEMESTER II

- BP-4201 Molecular dynamics of membranes
- BP-4202 Gene and Protein Engineering
- BP-4203 Spectroscopy Techniques and Crystallography
- BP-4204 Medical Imaging
- BP-4205 Molecular Modelling and applications
- BP-4251 Practical -I (Related to BP- 4201-05)

Second Year

SEMESTER III

- BP-5301 Advanced Topics in Biophysics (Seminars/Journal Club)
- BP-5302 Comprehension of the NET syllabus for Life Sciences
- BP-5303 Pre Thesis Seminar

SEMESTER IV

- BP-5401 Thesis Seminar
- BP-5402 Viva- Voce and Thesis examination

* Supervisors for guidance of the M.Sc. thesis work shall be allotted in the beginning of Semester III.

Thrust Area

Cellular & Molecular Biophysics, Membranes Biophysics, Radiation Biophysics and Cancer Biophysics.

DEPARTMENT OF BIOTECHNOLOGY

About the Department

The Department came into existence as Centre in 1989. In 1993 after obtaining financial aid from UGC and DBT, Govt. of India, it was upgraded to the level of full-fledged Department. The Department is rated as one of the best in India for imparting state of art technology to the students in the field of biotechnology. Most of the students qualify UGC and CSIR entrance test in their first attempt and are admitted to Ph.D. programmes in prestigious research institutions in India. It has developed facilities to provide service to the local population for prenatally diagnosing the disease using conventional and molecular techniques. Most of the faculty members have been trained abroad and are recipient of prestigious national and international awards. The faculty of the department publishes research papers in national and international journals on regular basis. Every year department organizes Workshop/Symposium/Seminar dealing with state of art technologies. Department also organizes BIOTECH. RENDEZVOUS for the students of Schools, Colleges and University. Scientists of international repute are invited to deliver lectures. The department has the distinction of being funded by UGC-SAP (2007-12; 2013-18) and FIST(DST) (2002-07; 2011-16)

Faculty

Particulars	Name	Field of Research Specialization
Professor Emeritus	R.C. Sobti	<i>Molecular Diagnosis of Cancer</i>
Professors	Jagdeep Kaur Neena Capalash (Chairperson)	<i>Molecular Biology & Protein Biochemistry</i> <i>Microbial Biotechnology & Cancer Biology</i>
Associate Professor	Jagtar Singh	<i>Animal Biotechnology, Immunology & molecular Epidemiology</i>
Assistant Professor	Kashmir Singh	<i>Plant Biotechnology</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S.)	15 + 2 + 2	3 years (6 Semesters)	50% marks in 10+2 or equivalent examination with the subjects English, Physics, Chemistry, Mathematics, Biology, Biotechnology/Computer Science. Admissions would be on the basis of P.U.-CET-(U.G.)
M.Sc.	*Ongoing + **5 (General) +2 (S.C.) + 2 NRI	2 years (4 Semesters)	*All students who have passed B.Sc. (H.S.) Biotechnology from Panjab University. **For 5+2 (SC)+2 (NRI) Only those students who have cleared B.Sc. Biotechnology (50% marks)/B.Sc. with 50% marks with Biotechnology as Elective/ Vocational/add-on subjects (Studied for 3 years) are eligible *The candidates seeking admission in M.Sc. Bio-Technology should fill Separate Admission Form in colleges offering M.Sc. course in Biotechnology **No Centralized counselling will be done by the Department
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

SYLLABUS : B.Sc. (H.S.) & M.Sc.(H.S.) Semester System

The syllabi for these courses have been so designed to enable the degree holders to meet new challenges in the modern world of biotechnology. The students are taught Molecular Biology, DNA technology, Bioethics, Immunology, Molecular Genetics, Ecological interaction & Biodiversity, Plant Biotechnology, Plant taxonomy, Tools in Biotechnology, Fermentation Technology, Cellular Biochemistry and Emerging Technologies etc.

Open and continuous system of evaluation is adopted for B.Sc. & M.Sc. Courses. Both theory and practical examinations are conducted by the Internal Examiners.

Thrust Areas

Molecular Oncology, Microbial Biotechnology, Plant Biotechnology.

DEPARTMENT OF BOTANY

About the Department

The Department of Botany, Panjab University was established in 1919 at Lahore. It shifted to Chandigarh in 1960 from Khalsa College, Amritsar where it was housed temporarily after partition of the country. The Department has grown into a well recognised centre for higher learning and research in structural, functional and evolutionary aspects of plants. The department had DST-FIST programme and had completed UGC DRS-II phase. Some of the major areas of research are: taxonomy, morphology, improvement and propagation of economically important plants, ecology of invasive alien plants, physiological upgradation of harvest index of some important crops; stress biology of legumes; identification of eco-friendly herbicides and pesticides; mushroom cultivation; evaluation and conservation of plant diversity; and importance of microbes in human welfare. In addition to teaching through modern techniques, seminars, symposia, workshops, invited lectures and botanical excursions are an integral part of academic programme. The department has a well-stocked library with nearly 6,600 books and over 60 regular scientific journals. The department also houses an internally recognised Herbarium (abbreviated as PAN) and a Museum. The P.N. Mehra Botanical Garden, spread over 16 acres of land is one of the better-known botanical gardens attached to any university of the country. The department has been getting regular sanction for BSR fellowships under UGC-SAP (DRS-III) programme. Additionally, the UGC also sanction funds to the department for infrastructural development from time to time. Besides this, many projects are being funded by DST, MOEF, UGC, CSIR and DBT.

Faculty

Particulars	Name	Field of Research Specialization
Prof. Emeritus	S.S. Kumar	<i>Bryology</i>
	S.C. Verma	<i>Cytogenetics</i>
	M.L. Sharma	<i>Angiosperm taxonomy and grasses</i>
Professors	A.S. Ahluwalia	<i>Algal diversity & Physiology</i>
	Harsh Nayyar (Chairperson)	<i>Plant Physiology</i>
	Daizy Rani	<i>Ecology (Eco-Physiology)</i>
	C. Nirmala	<i>Cytogenetics, Molecular Biology and Biotechnology</i>
	P. Pathak	<i>Morphology and Morphogenesis</i>
	Sunita Kapila	<i>Bryology</i>
	I.B. Prasher	<i>Mycology and Plant Pathology</i>
	Richa Puri	<i>Biosystematics and Seed Physiology</i>
	Neera Garg	<i>Plant Physiology</i>

Associate Professors	Anju Rao Kamaljit Singh	<i>Plant Morphogenesis</i> <i>Plant Physiology and Biochemistry</i>
Assistant Professors	M.C. Sidhu A.N. Singh Shalinder Kaur Santosh K. Upadhyay Yogesh Mishra Jaspreet Kaur Papiya Mukherjee	<i>Cytogenetics/Plant Breeding</i> <i>Ecology</i> <i>Eco-physiology</i> <i>Molecular Biology and Insecticides Proteins</i> <i>Molecular Biology of Stresses</i> <i>Tissue Culture and Molecular Biology</i> <i>Cryo-Biology and Molecular Biology</i>

Courses Offered

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S.)	20+3NRI	3 years (6 Semesters)	Common Entrance Test after 10+2 P.U.–CET (U.G.)
M.Sc. (H.S.)	25+4 NRI	2 years (4 Semesters)	a) B.Sc. (Hons. School) or b) 50% marks in B.Sc. (Pass or Hons.) exam of the P.U. or any other exam recognised by P.U. as equivalent thereto with Botany as one of the elective subject+ P.U.–CET (P.G)
M.Phil	15	1 year	See General Important Guidelines
Ph.D	Subject to availability of seats	3-5 years	See General Important Guidelines

For the degree of Doctor of Philosophy (Ph.D) research scholars are primarily those who have cleared NET/CSIR/GATE National Level Tests. The criteria and procedure of selecting research scholars is that they are usually selected directly by the sponsors (UGC/CSIR etc.). The UGC has sanctioned 5 extra research fellowships to the department under BSR scheme. The department also has post-doctoral fellows sponsored by the UGC, DBT and DST etc.

Title of Syllabi :

B.Sc. (Hons. School)

SEMESTER-I

THEORY (500 Marks)

Marks

Paper I	:	Phycology	75 (60A+15CA) + 25 (20A+5CA)
Paper II	:	Cytology	75 (60A+15CA) + 25 (20A+5CA)
Paper III	:	Subsidiary	75 (60A+15CA) + 25 (20A+5CA)
Paper IV	:	Subsidiary	75 (60A+15CA) + 25 (20A+5CA)
Paper V	:	Subsidiary (English)	100 (80A+20CA)

SEMESTER-II

THEORY (500 Marks)

Paper I	:	Bryology	75 (60A+15CA) + 25 (20A+5CA)
Paper II	:	Economic Botany	75 (60A+15CA) + 25 (20A+5CA)
Paper III	:	Subsidiary	75 (60A+15CA) + 25 (20A+5CA)
Paper IV	:	Subsidiary	75 (60A+15CA) + 25 (20A+5CA)
Paper V	:	Subsidiary (English)	100 (80A+20CA)

SEMESTER-III

THEORY (500 Marks)

Paper I	:	Pteridology	75 (60A+15CA) + 25 (20A+5CA)
Paper II	:	Plant Anatomy	75 (60A+15CA) + 25 (20A+5CA)
Paper III	:	Ethnobotany	75 (60A+15CA) + 25 (20A+5CA)
Paper IV	:	Subsidiary	75 (60A+15CA) + 25 (20A+5CA)
Paper V	:	Subsidiary	75 (60A+15CA) + 25 (20A+5CA)

SEMESTER-IV

THEORY (500 Marks)

Paper I	:	Gymnosperms	75 (60A+15CA) + 25 (20A+5CA)
Paper II	:	Plant Morphogenesis	75 (60A+15CA) + 25 (20A+5CA)
Paper III	:	Paleobotany	75 (60A+15CA) + 25 (20A+5CA)
Paper IV	:	Subsidiary	75 (60A+15CA) + 25 (20A+5CA)
Paper V	:	Subsidiary	75 (60A+15CA) + 25 (20A+5CA)

SEMESTER-V

THEORY (500 Marks)

Paper I	:	Taxonomy of Angiosperms	75 (60A+15CA) + 25 (20A+5CA)
Paper II	:	Plant Ecology	75 (60A+15CA) + 25 (20A+5CA)
Paper III	:	Genetics	75 (60A+15CA) + 25 (20A+5CA)
Paper IV	:	Plant Breeding	75 (60A+15CA) + 25 (20A+5CA)
Paper V	:	Molecular Biology	75 (60A+15CA) + 25 (20A+5CA)

SEMESTER-VI

THEORY (500 Marks)

Paper I	:	Mycology and Lichenology	75 (60A+15CA) + 25 (20A+5CA)
Paper II	:	Plant Physiology	75 (60A+15CA) + 25 (20A+5CA)
Paper III	:	Plant Biochemistry	75 (60A+15CA) + 25 (20A+5CA)
Paper IV	:	Microbiology - Viruses, Bacteria, Mycoplasma	75 (60A+15CA) + 25 (20A+5CA)
Paper V	:	Embryology of Angiosperms	75 (60A+15CA) + 25 (20A+5CA)

SEMESTER-I Botany (Subsidiary)

Paper-I	:	Plant Diversity - I (Cryptogams)	75 (60A+15CA) + 25 (20A+5CA)
		Elementary Botany for Basic Medical Sciences (Bio-physics, Bio- chemistry and Microbiology)	75 (60A+15CA) + 25 (20A+5CA)

SEMESTER-II Botany (Subsidiary)

Paper-I	:	Plant Diversity - II (Phanerogams)	75 (60A+15CA) + 25 (20A+5CA)
---------	---	------------------------------------	------------------------------

SEMESTER-III Botany (Subsidiary)

Paper-I	:	Plant Diversity - III (Plant Anatomy, Applied Botany & Cytogenetics)	75 (60A+15CA) + 25 (20A+5CA)
---------	---	---	------------------------------

SEMESTER-IV Botany (Subsidiary)

Paper-I	:	Plant Diversity - IV (Plant Ecology & Physiology)	75 (60A+15CA) + 25 (20A+5CA)
---------	---	--	------------------------------

M.Sc. (Hons. School)**SEMESTER-I****THEORY (500 marks)**

Paper I	:	Bryology	75 (60A+15CA) + 25 (20A+ 5CA)
Paper II	:	Pteridology	75 (60A+15CA) + 25 (20A+ 5CA)
Paper III	:	Gymnosperms	75 (60A+15CA) + 25 (20A+ 5CA)
Paper-IV	:	Plant Resource Utilization	75 (60A+15CA) + 25 (20A+ 5CA)
Paper-V	:	Angiosperms: Phylogeny & Embryology	75 (60A+15CA) + 25 (20A+ 5CA)

SEMESTER-II**THEORY (500 marks)**

Paper I	:	Phycology	75 (60A+15CA) + 25 (20A+ 5CA)
Paper II	:	Plant Anatomy	75 (60A+15CA) + 25 (20A+ 5CA)
Paper III	:	Taxonomy of Angiosperms	75 (60A+15CA) + 25 (20A+ 5CA)
Paper-IV	:	Cytogenetics & Plant Breeding	75 (60A+15CA) + 25 (20A+ 5CA)
Paper-V	:	Environmental Botany	75 (60A+15CA) + 25 (20A+ 5CA)

SEMESTER-III**THEORY (500 marks)**

Paper I	:	Mycology	75 (60A+15CA) + 25 (20A+ 5CA)
Paper II	:	Plant Physiology	75 (60A+15CA) + 25 (20A+ 5CA)
Paper III	:	Plant Biochemistry	75 (60A+15CA) + 25 (20A+ 5CA)
Paper-IV	:	Molecular Biology	75 (60A+15CA) + 25 (20A+ 5CA)
Paper-V	:	Ecosystem Ecology & Forestry	75 (60A+15CA) + 25 (20A+ 5CA)

SEMESTER-IV**THEORY (500 marks)**

Paper I	:	Plant Pathology	75 (60A+15CA) + 25 (20A+ 5CA)
Paper II	:	Biostatistics & Research methodology	75 (60A+15CA) + 25 (20A+ 5CA)
Paper III	:	Plant Biotechnology & Genetic Engineering	75 (60A+15CA) + 25 (20A+ 5CA)
Paper-IV	:	Comprehensive Test & Field Botany	50+50
Paper-V	:	Project & Seminar	50+50

Thrust Areas

Phycology, Mycology, Bryology, Taxonomy, Morphology, Physiology, Cytology, Plant Biotechnology, Biochemistry and Ecology

DEPARTMENT OF CHEMISTRY**About the Department**

Founded by Dr. S.S. Bhatnagar at Lahore in 1925, the Department of Chemistry is one of the prestigious departments of Panjab University. It has on its faculty highly competent members whose work has been internationally recognized. Several faculty members are recipients of awards and honours, such as Shanti Swarup Bhatnagar, Jawaharlal Nehru Fellowship, Raman and Palit awards. Many faculty members are bestowed with F.N.A., F.A.Sc., F.N.A.Sc. The department has been selected by the UGC first for COSIST and Special Assistance Programme (SAP) and it is the Centre for Advanced Studies in Chemistry (CAS) for the last 16 years. The Department of Science and Technology (DST), Government of India has accorded it the status of "DST-FIST Supported Department". The department has stimulating undergraduate and postgraduate teaching

programmes. Frequent symposia, conferences, invited lectures and refresher courses have been organized for the benefit of University, College and School teachers and talented students. The department has good instrumental facilities and its library is perhaps one of the best in Northern India with its excellent collection of books, research journals and monographs. The department is well-known for its research activities and has very well equipped research laboratories.

Faculty

Particular	Name	Field of Research Specialization
Honorary Professor	T.Ranga sami	
Professors Emeritus	S.V. Kessar	<i>Organic</i>
	D.V.S. Jain	<i>Physical</i>
	Gurdev Singh	<i>Inorganic</i>
	D.S. Gill	<i>Analytical</i>
UGC Emeritus Fellow	Raj Pal Sharma	<i>Inorganic</i>
CSIR Emeritus Scientist	K.K. Bhasin	<i>Inorganic</i>
Professors (Re-employed)	Paramjit Singh	<i>Organic</i>
	Sukhjinder Singh	<i>Inorganic</i>
Professors	S.K.Mehta	<i>Physical</i>
	P.Venugopalan (Chairperson)	<i>Inorganic</i>
	Alok Srivastava	<i>Physical</i>
	Kamal Nain Singh	<i>Organic</i>
Associate Professors	Ganga Ram Chaudhary	<i>Physical</i>
	Sonal Singhal	<i>Inorganic</i>
	Navneet Kaur	<i>Organic</i>
Assistant Professors	Gurjaspreet Singh	<i>Inorganic</i>
	Amarjit Kaur	<i>Organic</i>
	Vikas	<i>Physical</i>
	Neetu Goel	<i>Physical</i>
	Aman Bhalla	<i>Organic</i>
	Navneet Kaur	<i>Organic</i>
	Varinder Kaur	<i>Inorganic</i>
	Shweta Rana	<i>Physical</i>
	Rohit Kumar Sharma	<i>Organic</i>
	Ramesh Kataria	<i>Inorganic</i>
	Subash Chandra Sahoo	<i>Inorganic</i>
	Gurpreet Kaur	<i>Physical</i>
	Savita Chaudhary	<i>Physical</i>
	Deepak B. Salunke	<i>Organic</i>
Palani Natarajan	<i>Inorganic</i>	
Jyoti Agarwal	<i>Organic</i>	
UGC Asssistant Professors (FRP)	Purshotam Sharma	<i>Physical</i>
	Ankur Ganesh Pandey	<i>Organic</i>

UGC Research Scientist 'C'	Jasvinder Singh Brar	<i>Organic</i>
Assistant Professors (Inspire Faculty)	Khushwinder Kaur Girijesh Kumar	<i>Physical Inorganic</i>

Courses Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S)	58+8 NRI	3 years (6 Semesters)	Admission based on P.U. CET(U.G.)-2016
M.Sc. (H.S)	15+2NRI	2 years (4 Semesters)	(a) B.Sc. (H.S.) student of P.U. after passing B.Sc. (H.S.) in Chemistry from Department of Chemistry, P.U. OR (b) Admission based on P.U. CET-(P.G.) for B.Sc. (Pass or Hons.) examination with 50% marks from P.U. or any other university recognized as equivalent thereto with (i) Chemistry (ii) Physics (iii) Mathematics or any Science subject during all three years of graduation.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Regarding details of course of study and their structure under Semester system, the syllabus published by the University and notified by the department may be consulted.

Title of Syllabi: (Detailed syllabi available online at <http://www.pu.ac.in>)

B.Sc.(H.S) Chemistry
M.Sc(H.S) Chemistry

Thrust Areas

- Synthetic Chemistry (Both Inorganic and Organic).
- Heterocyclic, Natural Products and Green Chemistry.
- Nanotechnology and Nuclear Chemistry.
- Colloidal, Biophysical, Theoretical and Computational Chemistry.

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

About the Department

The Department of Computer Science and Application was set up as a Centre in 1983. It got the status of the Department of Computer Science and Applications in 1997. The department offers various professional educational programmes : **Ph.D. programme, Master of Computer Applications (MCA) (Morning)** - a three year full time course and **MCA (Evening)** - a Self Financing course, **Master of Science (Honours School) in Computer Science**. For all the full time Post Graduate degree courses and Ph.D. programme, admissions are held through an entrance test conducted by the Panjab University. The quality of input is really good as we are getting both Indian as well as Foreign student in all the programmes.

The department has qualified, regular and competent faculty members with Ph.D., M. Tech. and MCA (UGC NET Cleared) qualification. Being a professional course, the curriculum is revised regularly to keep abreast of the latest advancements in the industry as well as the academia. Almost all the students are well placed in various reputed companies. The department has excellent infrastructure including laboratories,

library, Internet facility, wireless networks and teaching – learning aids like smart classrooms. The faculty is performing and guiding research in different areas of Distributed Artificial Intelligence, Educational Technology, Computer Graphics, Semantic Web Applications, Software Quality, Open Source Software and Pattern Recognition.

Faculty

Professors	:	R.K. Singla Indu Chhabra	M. Syamala Devi Sonal Chawla (Chairperson),
Associate Professor	:	Anu Gupta	
Assistant Professors	:	Jasleen Kaur Bains Balwinder Kaur Anuj Sharma Supreet Kaur Mann	Rohini Sharma Anuj Kumar Kavita Taneja
System Programmers	:	Mamta Gupta Arvind Syal	Nishi Mohinder Singh Negi
Senior Technical Officer	:	Binh	

Courses Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S.) Computer Science	-	-	The admission of B.Sc.(H.S.) Computer Science First Year since session 2008 - 2009 is kept in abeyance till further order.
M. Sc. (H.S.) Computer Science	11+2 NRI	2 years (4 Semesters)	BCA/B.SC.(H.S) Computer Science/ B.Tech. /B.E.(Computer Science/ Engineering) or any other examination recognized as equivalent with 50% marks thereto. Admission based on P.U. CET - (PG)
M.C.A.	34+ 2*+5 NRI	3 years (6 Semesters)	"The minimum qualification for admission to the first year of the course shall be : (i) A recognized first degree of minimum three years duration in any discipline with at least 50% marks and with Mathematics at 10+2 or at graduation level (all three years): OR
M.C.A. (Evening) Self-financing Course	46+2*+6NRI	3 years (6 Semesters)	

*For candidates who have studied computer as one of the subjects for three years/or that subject as a full course at the undergraduate level.

- (ii) B.C.A. from Panjab University with 50% marks

OR

- (iii) Any examination recognized by the Panjab University, Chandigarh as equivalent to any of the above examination (i) or (ii)

The admission is based on P.U. CET- (P.G.) conducted by Panjab University, Chandigarh.

Brochure & Placement of MCA & M.Sc. (H.S.) students will be combined.

Thrust Areas

Distributed Artificial Intelligence, Educational Technology, Computer Graphics, Semantic Web Applications, Software Quality, Open Source Software and Pattern recognition are some of the thrust areas in which the faculty is performing and guiding research. The objective of future research is to develop applications useful to society. The teaching focuses on the introduction of innovative teaching – learning methods. It integrates Information and Communication Technologies in curriculum as well as develops and uses multimedia software packages and educational audio and video tools to provide quality education.

DEPARTMENT OF COMPUTER CENTRE

Computer Centre (CC) at Panjab University has modern facilities of well-equipped Virtual Class Room, Wi-Fi Access, Storage, Network, Web Servers, E-mail Servers, Video Conferencing and Web Casting. The Computer Centre is centrally air-conditioned and is backed up by UPS and Genset to ensure uninterrupted operations. CC administers and manages the entire Campus Network which includes all Academic Departments, Centers, Administrative Buildings, Hostels, Health Centre and Guest Houses.

Ministry of Human Resource Development, Government of India has selected Panjab University as a node connected to National Knowledge Network (NKN) with high network bandwidth extendable up to 10 Gigabit.

Each department of university has access to the Internet and E-Mail which are being brought to the desktops, laptops and hand handled devices through LAN and Wi-Fi. The North Campus and South Campus of Panjab University are interconnected through Optical Fibre. All the hostels have Internet Connectivity and students can access internet from their devices 24x7. The Centre provides Internet connection for more than 2500 terminals and more than 12000 wireless Wi-Fi users on the campus. The Wireless network runs on latest state-of-the-art IEEE 802.11n and IEEE 802.11acn protocols and provides two-tier security infrastructure.

Wide Area Connectivity to PU campus is provided through three WAN links - 1 Gbps (NKN), 1 Gbps (NME-ICT) and 180 Mbps (1:1) (Reliance). The access of network from outside is secured through hardware Firewall infrastructure and Intranet can be accessible through Virtual Private Network (VPN).

CC provides Web-based Email service that enables all the users to access their mailbox from anywhere via the Internet and also provides network/web based facility for computing including software support like SPSS, MATLAB, Mathematica, Anti-plagiarism and Antivirus software etc. for the campus users. CC also encourages use of free and open source software like GNU/Linux distributions. All the Panjab University Servers - Web Servers, DNS Servers, E-Mail Servers and network equipment have been hosted at Computer Centre.

CC provides training to the university staff on new services launched and conducts short-term IT awareness courses for the Faculty, Non-Teaching Staff and Research Scholars free of cost from time to time, to encourage them to make an effective use of Computer & Information Technology and other support services.

Computer Centre maintains University Website to host date-sheets, results, examination forms, online admission and online forms for entrance tests. Computer Centre is also doing Consultancy Projects such as Entrance Examinations, Recruitment Tests, Software Development, Network Planning & Design and Website Development.

Staff

<i>Director</i>	Ravinder Kumar Singla		
System Administrators	Ajay Guleria	Neelam Verma	
System Manager	Mamta	Ankur Kukreja	Balram Sooden
Programmers			
Senior Technical Officer	Amit Malhotra		

DEPARTMENT OF ENVIRONMENT STUDIES

About the Department

The department, in a span of over 14 years, has achieved good visibility in India and abroad. The faculty and the research students have fetched many national and international awards.

Faculty members have been members of editorial boards of various national and international journals.

Faculty members have been publishing research papers in relatively high impact journals, and supervising students for research in a variety of environmental aspects.

Faculty

Particular	Name	Field of Research Specialization
Professor	Harminder Pal Singh (Chairperson)	<i>Biotic Environment</i>
Assistant Professors	Madhuri Rishi	<i>Earth & Atmospheric Science</i>
	Suman Mor	<i>Solid Waste Management</i>
	Rajeev Kumar	<i>Physical Environment</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.Sc.	20 + 3 NRI	2 years (4 Semesters)	(a) Graduates from any Science/Engineering Stream or any other stream with Honours in Geography as one of the subjects from P.U. or any other University recognised by P.U. (b) Admission based on P.U. CET-(P.G).
Ph.D. (Faculty of Science)	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of Syllabi :**M.Sc.****SEMESTER-I**

Paper-I	Env-6101	Geo-Environment and Meteorological Science	Paper-III	Env-6103	Environmental Chemistry & Toxicology
Paper-II	Env-6102	Ecological Principles	Paper-IV	Env-6104	Solid Waste Management and Techniques

SEMESTER-II

Paper-I	Env-6201	Biodiversity and Conservation	Paper-III	Env-6203	Environmental Pollution
Paper-II	Env-6202	Environmental Analysis : Techniques and Instrumentation	Paper-IV	Env-6204	Environmental Impact Assessment and Auditing

SEMESTER-III

Paper-I	Env-6301	Environmental Technology	Paper-III	Env-6303	Environment and Energy Management
Paper-II	Env-6302	Regional and Global Environmental Issues	Paper-IV	Env-6304	Industrial and Biomedical Waste Management

SEMESTER-IV

Paper-I	Env-6401	Statistical Applications and Research Methodology	Paper-III	Env-6403	Remote Sensing and GIS in Environmental Science
Paper-II	Env-6402	Environmental Biotechnology	Paper-IV	Env-6404	Training of at least 4 weeks, project report, presentation

M.Sc. (Environment Science) :

In view of the enormous demand of environment specialists as educators, researchers, industrial consultants, urban planners and architects for the Government and Non-government organisations, in 2002 the University started a 2-year Master's degree programme in Environment Science. The course is so designed that the students have to maintain regularity and seriousness. In each of the 4 papers in a semester (except the seminar/term-paper/project), a student is offered 2 tests, which are considered towards the final internal/continuous assessment comprising 20% of the total maximum marks reported in the final award-list. The attendance is also reported in the Detailed Marks-card issued to the students on completion of the semester.

The syllabus approved by the National Educational Testing of the UGC (after addition of the topics relevant to the local and national demands) has been adopted. The subject being inter-disciplinary and multidisciplinary, the faculty (based on the expertise in the relevant field) is drawn from different departments of the campus. The Outlines of Tests/Courses of Reading/Syllabus can be seen at the web site of Panjab University.

Environment Education :

The Department of Environment Studies also serves as the nucleus for the Compulsory course on Environment Education for 3-year degree course in any stream {BA, BBA, BCA, B.Sc., B.Com., B.Sc. (Honours School)}. A committee comprising of faculty member of Department of Environment Studies, Colleges, Professors of the University and the Chairperson DEVS (Convener) advises the operation of the course.

Doctoral Programme :

The Department proposes to enroll and register suitable candidates for interdisciplinary research in any aspect of Environment for the award of Ph.D. degree under the Faculty of Science. Currently 35 students are registered for Ph.D. Programme under the guidance of environment experts from different disciplines.

Research Component :

Research on the current environmental issues of local, national and global importance remains the major thrust of the DEVS.

Consultancy :

The DEVS undertakes consultancy on environmental issues through the University.

Awards :

The researches conducted for the DEVS have been credited with various national and international awards.

Facilities Available :

The Department has suitably developed the laboratory facilities with many sophisticated analytical equipments including UV-VIS Spectrophotometer, HPLC, (High Performance Liquid Chromatography) Flame Photometer, COD-BOD assembly for teaching, demonstration and research purposes. It has its own library with latest books and reading material in the field of Environment. Inter-disciplinary facilities from the Department of Geology, Chemistry, Physics, Botany, Zoology and Biotechnology are also available. The facility of Visual aids like LCD projector, Slide and Over-head projectors are available for imparting instructions to the students. Students are encouraged to use these aids even for their seminars. About 10 computers with internet connectivity have also been provided in the DEVS. The students are regularly exposed to various aspects of industry requiring environmental attention alongwith educational trips to the related production units and research institutions.

Thrust Areas

- Environment Pollution Monitoring & Remediation.
- Assessment of Biodiversity with special reference to Invasive Plants.
- Bio-prospecting of Medical and Aromatic Plants.
- Evaluation of Natural Plant Products as Novel Agrochemicals.
- Eco-toxicological Impacts of Heavy metals.
- Rain Water Harvesting and Groundwater Pollution.
- Management of Solid Waste.
- Wastewater treatment.

**DEPARTMENT OF GEOLOGY
AND
CENTRE OF ADVANCED STUDY IN GEOLOGY
(COSIST DEPARTMENT)**

About the Department

Established in 1958 by Late M.R. Sahni, the department was upgraded to the status of Centre of Advanced Study in 1963-64 in Himalayan Geology and Palaeontology. In 1986 it received COSIST Grants for improvement in infrastructure facilities in the Thrust areas of Geochemistry and Exploration Geology. In recent years of research and teaching besides Palaeontology, Petrology, Environmental Geology, and Hydrogeology were included as additional thrust areas. The Department has been allocated Rs. 90.00 lacs under the FIST Programme of the DST in 2003. In 2012 the department has received Rs. 148.00 lacs under CAS (Phase-VII) scheme of the UGC. It is thus the oldest Advanced Centre in the Country under the Special Assistance Programme of the UGC. The Department has a large collection of fossils, rocks and minerals housed in its Museum. The department has 42 (Forty Two) (registered/enrolled) research students on its rolls.

Faculty

Particulars	Name	Field of Research Specialization
Professors Emeritus	Ashok Sahni S.B. Bhatia	<i>Vertebrate Palaeontology, Biomineralisation Micropalaeontology</i>
Professor (Re-employed)	G S. Gill	<i>Neotectonics, Hydrogeochemistry, Soil Chemistry</i>
Professors	Naval Kishore (on lien) R.S. Loyal Naveen Chaudhri (Chairperson) Rajeev Patnaik	<i>Hydrogeology, Petrology & Environmental Geology Vertebrate Palaeontology & Biostratigraphy Igneous Petrology & Isotope Geochemistry Vertebrate Palaeontology</i>
Assistant Professors	Ashu Khosla Parampreet Kaur Gurmeet Kaur B.P. Singh Seema Singh Mahesh Thakur Debabrate Das	<i>Micropalaeontology & Vertebrate Palaeontology Petrology, Isotope Geochemistry & Geochronology Petrology, Mineralogy & Hydrogeology Biostratigraphy & Palaeontology Sedimentology & Palaeoclimatology Geophysics Groundwater Hydrology & Mining Hydrology</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S)	30+4 (NRI)	3 years (6 Semesters)	Admission based on P.U. CET-2016 (U.G).
M.Sc. (H.S)	30+4 (NRI)	2 years (4 Semesters)	(a) B.Sc. (H.S) students of Geology, P.U. (b) For vacant seats- based on P.U. CET-(P.G.) merit (for the session 2016-17, no seats are vacant) . Eligibility: B.Sc. 3 years course with Geology as one of the subjects, 50% marks in B.Sc. & 50% marks in subject of Geology in B.Sc.

Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.
-------	----------------------------------	-----------	-----------------------------------

Titles of Syllabi : (Detailed Syllabi already exists on the P.U. Website)

B.Sc. (H.S) I Semester (Major) in Geology (Theory & Practical)

(Choice Based Credit System will be introduced in the 1st year of B.Sc.(H.S) in Geology(Major & Subsidiary) for the Academic session 2016-17)

B.Sc. (H.S) III Semester (Major) in Geology (Theory & Practical)

Course No.	Title	Course No	Title
301&302	Petrology & Structural Geology	303	Palaeontology
304P	Petrology & Structural Geology	305P	Palaeontology

B.Sc. (H.S) IV Semester (Major) in Geology(Theory & Practical)

Course No.	Title	Course No	Title
401&402	Stratigraphy & Geomorphology	403	Optical Mineralogy
404P	Stratigraphy, Geomorphology & Optical Mineralogy	405FW	Geological Field Work

B.Sc. (H.S) III Semester (Subsidiary) in Geology (Theory & Practical)

Course No.	Title	Course No	Title
S-301 & S-302	Petrology & Palaeontology	S-303P	Petrology & Palaeontology

B.Sc. (H.S) IV Semester (Subsidiary) in Geology (Theory & Practical)

Course No.	Title	Course No	Title
S-401 & S-402	Economic Geology & Stratigraphy	S-403P	Economic Geology & Stratigraphy

B.Sc. (H.S) V Semester (Major) in Geology (Theory & Practical)

Course No.	Title	Course No	Title
501	Igneous Petrology	502	Metamorphic Petrology
503	Sedimentology	504	Stratigraphy
505P	Igneous Petrology & Metamorphic Petrology	506P	Sedimentology & Stratigraphy
507FW	Geological Field Work		

B.Sc. (H.S) VI Semester (Major) in Geology (Theory & Practical)

Course No.	Title	Course No	Title
601	Palaeontology	602	Economic Geology-I
603	Economic Geology-II	604	Applied Geology (Hydrogeology, Mining Geology & Field Geology)
605P	Palaeontology	606P	Economic Geology & Applied Geology (Hydrogeology, Mining Geology & Field Geology)
607FW	Geological Field Report & Viva voce		

M.Sc. (H.S.) I Semester in Geology (Theory & Practical)

Course No.	Title
701& 702	Igneous Petrology & Metamorphic Petrology
703&704	Sedimentology & Tectonics
705 &706	Palaeontology & Stratigraphy
707P	Igneous Petrology & Metamorphic Petrology
708P	Sedimentology & Tectonics
709P	Palaeontology & Stratigraphy
710FW	Geological Field Work

M.Sc. (H.S.) II Semester in Geology (Theory & Practical)

Course No.	Title
801& 802	Igneous Petrology & Metamorphic Petrology
803&804	Sedimentology & Structural Geology
805 & 806	Palaeontology & Stratigraphy
807P	Igneous Petrology & Metamorphic Petrology
808P	Sedimentology & Structural Geology
809P	Palaeontology & Stratigraphy
810FW	Geological Field Report Viva Voce

M.Sc. (H.S.) III Semester in Geology (Theory & Practical)

Course No.	Title
901& 902	Remote Sensing-GIS & Geomorphology-Climatology
903&904	Petroleum Geology & Ore Geology
905 &906	Isotope Geology & Engineering Geology
907P	Remote Sensing-GIS, Geomorphology-Climatology & Ore Geology
908P	Petroleum Geology, Isotope Geology & Engineering Geology
909FW	Project Oriented Geological Field Work

M.Sc. (H.S.) IV Semester in Geology (Theory & Practical)

Course No.	Title
1001& 1002	Petroleum Geochemistry & Exploration Geophysics
1003&1004	Hydrogeology & Environmental Geology
1005P	Petroleum Geochemistry & Exploration Geophysics
1006P	Hydrogeology & Environmental Geology
1007FW	Project Oriented Report: Lab. Work, Field Report & Viva Voce

Ph.D.

Ph.D. Course Work for one Semester. Paper-I (Compulsory): Research Methodology. Paper-II (Optional): Advances in subject. Paper-III: Seminar.

Thrust Areas

Paleontology & Stratigraphy, Petrology, Hydrogeology & Environmental Geology.

INSTITUTE OF FORENSIC SCIENCE & CRIMINOLOGY

About the Institute

The application of science to the law and exploring the body of knowledge regarding delinquency and crime as social phenomena is what comprise the Institute of Forensic Science & Criminology (IFSC) which has been incepted by Panjab University in the year 2009. Forensic science is built upon the principles dragged from physics, chemistry, biology, anthropology and other scientific principles and methods. In earlier times real 'forensic science' has been assigned to the real science of fingerprints, firearms, tool-marks and questioned documents etc. But, in recent years, it had matured into a scientific discipline in its own right. Criminology is aimed principally at elucidating the connection between crime and the personal characteristics of the offender or his environment, with special reference to the origin of the offence.

Scope

There are enough scope for career growth in government and Private Sector in India and abroad. The employment generating areas in government sector are Law Enforcing Agencies such as National Investigation Agency, Center Bureau of Investigation, Intelligence Bureau, central/state police departments, Centre Forensic Science Laboratory, State Forensic Science Laboratory, Hospitals, Banks, Universities Defense/Army, Quality Control Bureau, Narcotics Department, Judicial Services, Forest and Wild Life Departments etc; and in the private sectors are Security Agencies, Banks, Multinationals, Detective Agencies, Media, Insurance Companies consultants in industry & free lance consultants/private practitioner, Law Firms and Hospitals etc.

Faculty

Particulars	Name	Field of Research Specialization
Professor	Rajat Sandhir (Coordinator)	<i>Forensic Biology, Molecular Forensics</i>
Assistant Professors	Shweta Sharma Vishal Sharma Jagdish Rai	<i>Forensic Toxicology, Colloidal Chemistry Material Science, Finger Print Science, Questioned Documents DNA Sequencing, Protein Science</i>

Special Lectures

Experts from Central and State Forensic Science Laboratories

Guest Faculty

Guest Faculty is drawn from the following Institutes:

- Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh
- Government Medical College & Hospital (GMCH), Chandigarh
- Panjab University; University teaching Departments

Courses Offered :

Name of the Course	M.Sc.
Duration	2 years (4 Semesters)
Seats	19+1 (In-service candidate)*
Eligibility/Criteria	B.Sc/B.Sc Honours degree in Forensic Science, or any 3/4/5 year graduation degree in the faculty of Science, Engineering, Medical / Dental and Pharmaceutical Science of Panjab University or any other University recognized by Panjab University with Minimum 50 % marks. Admission will be based on the basis of marks in the qualifying examination.

* In case of non availability of in service candidate the seat will be converted into general category

Name of the Course	Doctor of Philosophy in Forensic Science & Criminology
Duration	3-5 years
Seats	Subject to availability of seats
Eligibility/Criteria	Candidates with M.Sc. in Forensic Science/any other allied discipline who have cleared the all India level test such as UGC/CSIR or ICMR etc. or the Ph.D. entrance examination in the subject of Forensic Science/ any other allied discipline conducted by Panjab University are eligible to be enrolled for Ph.D

Title of Syllabi

SEMESTER-I	SEMESTER-II	SEMESTER-III
(i) General Forensic Science	(i) Forensic Biological Science	(i) Forensic Toxicology
(ii) Criminology, Criminal Law, Finger Prints Science	(ii) Forensic Chemical Science	(ii) Ballistics
(iii) Forensic Psychology and Statistics	(iii) Forensic Physical Science	(iii) Dugs of Abuse
(iv) Instrumentation	(iv) Quality Management	(iv) Forensic-Anthropology, Osleology and Odontology
		(v) Human Genetics and Cytogenetics
SEMESTER-IV		
Forensic Biological Sci.	Forensic Chemical Sci.	Forensic Physical Sci.
(i) Documents	(i) Documents	(i) Documents
(ii) Moleculer Biology, Immunology, Biochemistry and Microbiology	(ii) Instrumental Analysis in Chemical Science	(ii) Computer Forensics
(iii) Advanced DNA Methods	(iii) Forensic Explosives	(iii) Forensic Audio-Video Analysis
(iv) Case File/Project Work in Forensic Biological Science	(iv) Case File/Project Work in Forensic Chemical Sci.	(iv) Case File/Project Work in Forensic Physical Sci.

Thrust Areas

It includes the development of latent finger prints using Nanoparticles, Questioned Document, Forensic Tototoxicity, Forensic Anthropology and related aspects.

DEPARTMENT OF MATHEMATICS

(CAS and DST-FIST Sponsored Department)

The Department was established in 1952 at Hoshiarpur and set up at Chandigarh in 1958. It is one of the best departments of Mathematics of the Indian Universities. It has been recognized as Centre for Advanced Study in Mathematics since 1963 by the U.G.C. The National Board for Higher Mathematics has granted the status of Regional Library to the Library of the Department and support the consortium for the online access to Math. Sci. Net, for which the department is the leading partner.

Faculty

Particular	Name	Field of Research Specialization
Professors Emeritus	R.P. Bambah	<i>Number Theory Geometry of Numbers, Discrete Geometry</i>
	R.J. Hans Gill	<i>Number Theory Geometry of Numbers, Discrete Geometry</i>
	I.B.S. Passi	<i>Algebra</i>

Emeritus Fellow UGC	A.K. Agarwal	<i>Number Theory</i>
Professors	Vinod Kumar Grover	<i>Algebra, Number Theory</i>
Re-employed	Madhu Raka	<i>Number Theory, Geometry of Numbers, Algebraic Coding Theory</i>
Honorary Professor	Rajesh Kochhar	<i>Applied Mathematics</i>
Professors	A.K. Bhadari	<i>Algebra, (Group, Rings)</i>
	S.K. Tomar	<i>Applied Mathematics, Continuum Mechanics</i>
	Savita Bhatnagar (Chairperson)	<i>Analysis</i>
	Renu Bajaj	<i>Applied Mathematics, Fluid Dynamics</i>
	Vanita Verma	<i>Operational Research Optimization</i>
	Gurmeet Kaur Bakshi	<i>Algebra, Algebraic, Coding Theory</i>
	Dinesh K. Khurana	<i>Algebra, Ring Theory</i>
Associate Professors	Vikas Bist	<i>Algebra & Analysis, Linear Algebra</i>
	Poonam Sehgal	<i>Algebra, Number Theory & Complex Analysis</i>
	D.B. Rishi	<i>Number Theory, Topology</i>
	Kapil K. Sharma	<i>Numerical Analysis</i>
Assistant Professors	Suman Bala	<i>Algebra</i>
	Manisha Sharma	<i>Operational Research</i>
	Anjana Khurana	<i>Algebra</i>
	Sarita Pippal	<i>Computational Fluid Dynamics</i>
	Surinder Pal Singh	<i>Real Analysis</i>
	Aarti Khurana	<i>Continuum Mechanics</i>
Assistant Professors (UGC)	Dilbag Singh	<i>Applied Mathematics, Continuum Mechanics</i>
	Gagandeep Singh	<i>Queueing Theory, Stochastic Modeling, Applied Probability</i>

Courses Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc (H.S.) in Mathematics	40 +6 NRI	3 years (6 Semesters)	50% marks (45% marks in case of SC/ST in 10+2 with Maths in any stream, score in the subject of only Mathematics in P.U.CET-2016 (U.G) Plus admissible weightage.
M.Sc (H.S.) in Mathematics	(i) 40 +5 NRI	2 years (4 Semesters)	B.Sc. (Hons.Schol) in Mathematics or B.Sc. (HS) in Maths & Computing from the Dept. of Mathematics, P.U., Chandigarh
	(ii) 30+5NRI	2 years (4 Semesters)	B.A./B.Sc.(General) with 50% marks (45% marks in case of SC/ST) in Mathematics as a major subject

OR

B.A./B.Sc. with Hons. 50% marks (45% marks in case of SC/ST) in Mathematics of P.U. or any other University recognized by P.U. as equivalent thereto.

			The admission will be based on P.U.CET-(P.G). The weightage of marks obtained in Entrance Test and in the last qualifying Examination will be 50:50.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Scholarships for Students

Dr. V.C. Dumir Scholarship for excellence in Mathematics is available for meritorious students of M.Sc. (HS) 1st year on the following terms and conditions:

1. The amount of scholarship would be Rs. 1000/- per month for 10 months every year.
2. The scholarship be awarded to a meritorious student of M.Sc. (HS) 1st year studying in the Department of Mathematics, Panjab University, Chandigarh and would be continued to that student for M.Sc.(Honours School) 2nd year after examining his/her performance.
3. If that student is found to be ineligible to continue the scholarship in 2nd year, it will be awarded to another deserving student of M.Sc. (Honours School) 2nd year.

Smt. BalwantKaur and ShriDhanpat Roy Bahl Scholarship of the value of Rs. 1500/- per annum is available for meritorious and deserving post graduate student of the Department of Mathematics. Professor Hans Raj Memorial Scholarship of the value of Rs. 2000/- per annum is available for meritorious student of B.Sc.(HS) First year.

P.C. Wadhwa Scholarship for a student of M.Sc. (HS) Mathematics Part-II on the following terms and conditions:

1. The amount of scholarship would be @ Rs. 500/- per month for 10 months every year.
2. Secures atleast 60% marks in M.Sc. Part-I examination; and
3. Is NEEDY in view of the FINANCIAL POSITION of the FAMILY he/she comes from as determined by the University Authorities.

Thrust Areas :

Algebra, Continuum Mechanics, Number Theory, Numerical Analysis

DEPARTMENT OF MICROBIOLOGY

About the Department

The Department established in 1964, is one of the oldest and pioneer Department of Microbiology in the country. The department has made a steady progress in teaching and research since its establishment and has been recognized for research by various Government agencies : Department of Biotechnology (DBT), Department of Science & Technology (DST), Ministry of Science & Technology and for Special Assistance Programme by UGC. The department has bagged many research projects from these funding agencies. The graduates from this department are already employed in good positions in various academic, research and industrial organizations at national and international level.

The department has several R&D projects sponsored by various National funding agencies including DBT, DST, CSIR, UGC, and ICMR dealing with various aspects of General and applied Microbiology. The major equipments available in the department include UV-Visible Spectrophotometers, Ultra centrifuge, Refrigerated centrifuge, Ultra deep freezer, orbital shakers, water bath shakers, Protein purification system

with fraction collector, electrophoresis equipment, BOD incubators, Gas chromatograph, laboratory fermenter, Fluorescent Microscope, Sonicator, Transilluminator, Co2 incubators, Micro centrifuge, Cold Room, PCR machine, Electroporator, ELISA reader, Lyophilizer, Millipore water purification system.

The Department of Biotechnology, Govt. of India, New Delhi has selected this department for assistance for enhancement of research and teaching in the field of Microbial Biotechnology. UGC has selected the Department for Special Assistance Programme (SAP).

Faculty

Particular	Name	Field of Research Specialization
Professors Emeritus	K.G Gupta	<i>Applied Microbiology</i>
	J.K. Gupta	<i>Industrial Microbiology</i>
Professor (Re-employed)	R.P. Tiwari	<i>Medical Microbiology</i>
Professors	Vijay Prabha	<i>Medical Microbiology</i>
	Sanjay Chibber	<i>Medical Microbiology</i>
	Prince Sharma	<i>Molecular Microbiology</i>
	Praveen Rishi (Chairperson)	<i>Medical Molecular Microbiology</i>
	Sanjeev Soni	<i>Food and Fermentation Technology</i>
Assistant Professors	Kusum Harjai	<i>Applied & Medical Microbiology & Immunology</i>
	Geeta Shukla	<i>Medical Microbiology</i>
	Deepak Kumar Rahi	<i>Industrial Microbiology</i>
Assistant Professors	Naveen Gupta	<i>Industrial & Molecular Microbiology</i>
	Seema Kumari	<i>Virology</i>
	Khem Raj	<i>Medical Microbiology</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S.)	29+4 NRI	3 years (6 Semesters)	Admission based on P.U. CET-(U.G.)-2016
M.Sc. (H.S.)		2 years (4 Semesters)	Students who pass B.Sc. (Hons. School) from this department are automatically promoted to M.Sc. (Hons. School)

Title of Syllabi :

B.Sc. (Hons. School) :

B.Sc. (Hons. School) course is three years (six semesters) duration course. During this period the students are imparted training in broad areas of Microbiology viz: General and Applied Microbiology Bacterial Systematic, Food Microbiology, Industrial Microbiology, Environmental Microbiology, Mycology, Parasitology, Virology, Immunochemistry and Immunopathology, Medical Bacteriology, Microbial Physiology, Microbial and Molecular Genetics as major subjects in Microbiology discipline. Besides this, the students are sent for learning subsidiary subjects in B.Sc. first year: English, Maths, Physics, Chemistry and in B.Sc. second year: Biophysics, Biochemistry, Statistics in respective departments.

In addition, the department offers one year (two semesters) subsidiary course: Introduction to General Microbiology and Introduction of Applied Microbiology to B.Sc. 2nd year students of other departments: Department of Biochemistry and Biophysics.

Admission to B.Sc. (H.S.) 1st year in Microbiology is for 29 open seats and 4 NRI seats. The admission will be on the basis of marks obtained in the P.U. CET-(U.G.) 2016 (Plus admissible weightages, if any) as per University rules for all admissions conducted by the Panjab University. The students who have passed 10+2 examination with at least 50% marks (45% marks in case of SC/ST/BC) with Physics, Chemistry, Biology/Mathematics/Biotechnology are eligible instead of only (10+2) medical group pass.

No direct admission is made to the 2nd or 3rd year of B.Sc. (H.S.).

M.Sc. (Hons. School)

M.Sc. course is of two years (four semesters) duration. M.Sc. (H.S.) students are taught three major courses each in 1st & 2nd semesters and one course in Fundamentals of computer programming and applications in 3rd semester. Project training, Report & Presentation, Seminar presentation and a research project (Thesis) are undertaken in 3rd & 4th semesters.

All the students who have passed the Final B.Sc. III (Hons. School) examination in Microbiology of this University are eligible for admission to the M.Sc. I (Hons. School) course without taking entrance test.

Regarding details of courses of study and their structure under Semester System, the syllabus published by the University/notified by the Department may be consulted.

Doctorate Degree :

Facilities exist in the department for research work leading to Ph.D. degree. Requirements for Ph.D. course are (i) M.Sc. (Hons. School) in Microbiology of Panjab University or an equivalent degree from any other University recognized by Panjab University (ii) NET or Panjab University, Microbiology Ph.D. Entrance Test cleared (iii) Financial support.

Thrust Areas

Medical Microbiology, Agricultural Microbiology, Food Microbiology, Industrial Microbiology, Immunology, Environmental Microbiology, Microbial Physiology and Biochemistry and Genetic Engineering and Biotechnology.

DEPARTMENT-cum-NATIONAL CENTRE FOR HUMAN GENOME STUDIES AND RESEARCH

About the Centre

National Centre for Human Genome Studies and Research is relatively new education centre. The goal of this Centre is to provide the most advanced and comprehensive education possible related to human genome at the post graduate level. Research activities would be directed toward our understanding of human biology and disease and to develop solutions to societal health problems. Mission is to establish specific scientific programs that will be available to the public, to improve human health and well-being through education and research.

Faculty

Particular	Name	Field of Research Specialization
Professor (Re-employed)	Tapas Mukhopadhyay	<i>Molecular Biology and Cancer Gene Therapy</i>
Assistant Professors	Ranvir Singh	<i>Protein Crystallography</i>
	Shashi Chaudhary (Chairperson)	<i>Genetics & Molecular Biology of Human Diseases</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.Sc. (Human Genomics)	15	2 years (4 Semesters)	(a) B.Sc. (Pass or Honours) under 10+2+3 pattern of examination in Physical, Chemical, Biological, Pharmaceutical Science or in medicine from any University/Institute recognized by P.U. with atleast 55% marks (b) Admission based on P.U. CET-(P.G.)
Ph.D.	Subject to availability of seats	3-5 years	Candidates with M.Sc. in Genomics/Molecular Biology/Biochemistry/Life Sciences who have cleared the all India level test such as UGC/CSIR or ICMR etc. or the Ph.D. entrance examination in the subject of Genomics conducted by Panjab University are eligible to be enrolled for Ph.D.

Title of Syllabi :**SEMESTER-I**

MHG 101 : Foundation Course	MHG 104 : Analytical techniques
MHG 102 : Immunology and Cell Biology	MHG 105 : Lab course-I
MHG 103 : Genetics and Cytogenetics	MHG 106 : Lab course-II

SEMESTER-II

MHG 201 : Biomolecular structure and Bioinformatics-I	MHG 204 : Genetic Engineering and Molecular Biology techniques
MHG 202 : Molecular Biology	MHG 205 : Lab course-I
MHG 203 : Human Molecular Genetics-I	MHG 206 : Lab course-II

SEMESTER-III

MHG 301 : Human Molecular Genetics-II	MHG 304 : Gene Regulation and Evolution
MHG 302 : Frontiers in Genomics and Proteomics	MHG 305 : Lab course-I
MHG 303 : Biomolecular Structure and Bioinformatics-II	MHG 306 : Lab course-II

SEMESTER-IV

MHG 401 : Advanced Course in Genomics
MHG 402 : Project Work and Presentation

MHG 403 : Clinical Round & Viva
MHG 404 : Educational Tour & Journal Club

Thrust Areas

Molecular Biology, Functional Genomics and Proteomics

DEPARTMENT OF PHYSICS

About the Department

The Department of Physics was established at Lahore in 1934, moved to Delhi for some time and then to Govt. College, Hoshiarpur (Pb.) after partition. Subsequently the Department was shifted to Chandigarh in 1958.

The Department received grants under the UGC COSIP (College Science Improvement Programme) from 1977-83, SAP (Special Assistance Programme) from 1980-88 and COSIST (Committee of Strengthening of Infrastructure in Science and Technology) from 1984-91. Since 1988, it has been accorded the status of a Centre of Advanced Study (CAS) by UGC with three major thrust areas: Particle Physics, Nuclear Physics and Solid State Physics - a unique achievement. At present the Department has the strength of 23 faculty members, 5 Re-employed Faculty, 3 Emeritus Professors, 1 Emeritus Scientist, 1 Project Scientist, 1 UGC Professor, 38 Assisting staff, 2 daily wages staff. Postdoctoral fellows under various schemes 3, DST Inspire faculty 2, Ramanujam Fellow 2, DST Kothari PDF 2. There are about 120 research students and about 396 B.Sc. (Hons. School), M.Sc. (Hons. School), B.Sc. (Physics & Electronics) and M.Sc. (Physics & Electronics) on the rolls of the Department. About 300 B.Sc. (Hons. School) students of other departments study Physics as a subsidiary subject.

The faculty members have been honoured with Meghnad Saha Award, Goyal Prize (Kurukshetra University), Sir C.V.Raman Award, Hari Om Trust Award, Mercator Professorship, Homi Bhabha Fellowship, Emeritus Scientistships, Ramanna Fellowship, S.N. Satya Murthi Young Scientist Award and DAE Young Scientist Award. They have been elected for Indian Academy of Sciences fellowship, Joliot Curie fellowship, Alexander V on Humboldt fellowships, DFG (German Research Society) Fellowship, BMFT (Ministry of Research and Technology of Germany like DST) fellows, UNESCO/IAEA Fellowship, WE-Heraeus Fellowship, Heinrich Hertz Foundation fellowship, Fulbright Fellowship, Commonwealth fellowship, Third World Academy of Sciences fellowships and UGC National Lecturer Fellowship awards. The Department had the honour of having Professor Yash Pal, former UGC Chairman as its faculty. Prof. K.N. Pathak, remained Vice-Chancellor, Panjab University, Chandigarh from July 2000 to July, 2006 and Prof. S. Parkash served as the Vice-Chancellor of Jivaji University Gwalior from Feb., 2001 to Nov. 2006.

The Department is having research collaborations with institutions like, Royal Military College of Canada, Canada; University of Notre Dame, USA; Fermilab., USA; CERN Geneva; Bonn University Germany; University of Bayreuth, Wuerzburg, Munich and Berlin, in Germany, Chemistry Deptt., City College of New York (CUNY), New York; KEK Japan; ICTP, Trieste; Univ. of Illinois, USA; BNL, USA; Max. Planck Institute, Germany; Univ. of Leipzig, Germany; SUBATECH, Nantes, France; Instt. For Theoretische Physics, Tubingen, Germany; Instt of Nuclear Studies, Warsaw University, Poland; Univ. of Milano, Italy; J.L. Univ., Germany; J.W. Goethe Univ., Frankfurt, Germany; Instt. Of Nucl. Physics, Strasbourg, France; University of Surrey, Gilford, U.K.; University of Hawaii, Cincinnati; Virginia Tech., Princeton University, University of Antwerp, Belgium, JINR Dubna Russia, IUC, Kolkata; VECC, Kolkata; TIFR, Mumbai; N.S.C., New Delhi; IIT, Kanpur; Delhi University, Delhi; Mumbai University, Mumbai; IIT, Chennai; I.O.P. Bhubaneshwar; H.P. University, Shimla; T.B.R.L., P.G.I.M.E.R., C.S.I.O., Chandigarh etc. The department has MOU with IUAC, New Delhi for joint faculty appointment and to various academic exchange programs to Accelerator based research.

Funds to the tune of Rs. 2.29 crores for infrastructure development have been sanctioned by the Department of Science and Technology under FIST(2008-2013) to upgrade teaching and research facility in Nuclear Laboratories of the Physics Department, Panjab University, Chandigarh. UGC sanctioned 97.50 lakh under CAS-IV Phase (2008-2013) (30+30+20 Lakh) grant received from UGC under improvement of Infrastructure facilities during (2007-2009) period.

The Department of Science & Technology has given technical approval for funding the proposal for establishing Panjab University Accelerator Science Centre (6 MV Tandemtron) at P.U. Chandigarh amounting to Rs. 67.5 crore. The Department has been recognized by DST to host a centre for High energy Physics Detectors and Instrumentation (CHEPDI) for the R&D of future detectors and for human resource generation.

Research Facilities

Facilities exist in the Department for research in Nuclear Physics, High Energy Physics, Photon-Atom Interaction Studies, Particle Physics, Solid State/Condensed Matter Physics, Mass Spectrometry, Laser Spectroscopy, Radiometric Dating and Theoretical Physics, leading to the Ph.D. degree for which at least three years of research work is required after the M.Sc. degree.

Moreover, the Department has started two new M.Sc. courses in Nuclear Medicine and Medical Physics jointly with Departments of Bio-physics and Nuclear Medicine and Radiation Therapy, Post Graduate Institute of Medical Education and Research, Chandigarh from the academic session 2007-08.

Major facilities available in the Department are as follows:

(i) Cyclotron, (ii) High energy Physics (Experimental set up) for studies connected with Collider Physics at CERN and Fermilab Neutrino Physics at INO and Fermilab., (iii) Mass Spectrometer, (iv) Equipment for study of electrical properties of semi-conductors, fabrication of thin films, (v) Vacuum Grating Spectrograph; high power Nd. YAG laser etc. (vi) Several Nuclear Spectrometers incorporating detectors like Ge(Li), Na(Ti), BaF, Si(Li) etc. and modern electronics, (vii) Analysis set up of Ultra relativistic heavy Ions in CERN, (viii) Computational facilities for theoretical studies for modeling physical problems including simulations, (ix) Energy dispersive X-ray fluorescence spectrometers using radioactive exciter sources and X-ray tube for material analysis, (x) Facilities for PAC/PAD studies of Hyperfine Interactions, STM.

The Department houses IAPT office and actively leads in IAPT, IPA activities. An 11 inch Telescope has been installed in the Department as a part of Teaching Program in Astrophysics.

Faculty

Particular	Name	Field of Research Specialization
Professors Emeritus	K.N. Pathak	<i>Condensed Matter Physics</i>
	Nirmal Singh	<i>Expt. Nuclear Physics</i>
	Raj K. Gupta	<i>Theoretical Nuclear Physics</i>
UGC Professor	Tankeshwar Kumar (on leave)	<i>Condensed Matter Physics</i>
Emeritus Scientist	Suman Bala Beri (UGC)	<i>Expt. High Energy Physics</i>
Project Scientist	Satya Prakash (UGC)	<i>Condensed Matter Physics</i>
Professors (Re-employed)	K.P. Singh	<i>Expt. Nuclear Physics</i>
	J.B. Singh	<i>Expt. High Energy Physics</i>
	A.K. Bhati	<i>Nuclear Condensed Matter Physics, Re. Heavy ion Collision</i>
	Manjit Kaur	<i>Expt. High Energy Physics</i>
	V.P. Singh	<i>Mass Spectrometry & Geochronology</i>

Professors	Devinder Mehta (Chairperson)	<i>Expt. Nuclear Physics</i>
	Navdeep Goyal	<i>Expt. Solid State Physics</i>
	Rajeev K. Puri	<i>Theoretical Nuclear Physics</i>
	G.S.S. Saini	<i>Expt. Spectroscopy</i>
	C. Nagaraja Kumar	<i>Theoretical Physics</i>
	S.K. Tripathi	<i>Expt. Solid State Physics</i>
	Sandeep Sahijpal	<i>Astrophysics & Planetary Sciences</i>
	Ranjan Kumar	<i>Condensed Matter Physics</i>
	Vipin Bhatnagar	<i>Expt. High Energy Physics</i>
B.R. Behera	<i>Exp ndensed Matter Physics (on leave)</i>	
Associate Professors	K.S. Bindra	<i>Expt. Nuclear Physics</i>
	Ashok Kumar	<i>Expt. Nuclear Physics</i>
	Sunita Srivastava	<i>Theoretical Physics</i>
Assistant Professors	J.S. Shahi	<i>Expt. Nuclear Physics</i>
	Kuldeep Kumar	<i>Theoretical High Energy Physics</i>
	Bimal Rai	<i>Geochronology</i>
	Manish Dev Sharma	<i>Electronics & Communication</i>
	Neeru Chaudhary	<i>Instrumentation</i>
	Samarjeet Sihotra	<i>Expt. Nuclear Physics</i>
	Rajesh Kumar	<i>Material Sciences</i>
	Lokesh Kumar	<i>Expt. High Energy Physics</i>
	Sakshi Gautam	<i>Theoretical Nuclear Physics</i>
Gulsheen Ahuja	<i>Theoretical High Energy Physics</i>	

Courses offered:

Course	Seats	Duration	Eligibility/Admission Criteria
B.Sc.(Hons. School) Physics	40+6 NRI	3 years (6 Semesters)	i) 10+2 Non-Medical/Medical with 50% marks (45% marks in case of SC/ST) ii) Common Entrance Test plus admissible weightages.
B.Sc. (Hons. School) in Physics (Specialization in Electronics)	20+3 NRI	3 years (6 Semesters)	Admission based on P.U. CET. (U.G.) Please also refer to Prospectus
M.Sc. .(Hons. School) Physics	40+6 NRI	2 years (4 Semesters)	i) All students after passing B.Sc. (H.S.) in Physics of P.U. ii) B.Sc. (Pass or Hons.) examination with 50% marks (45% marks in case of SC/ST) o P.U. or any other exam. Recognized as equivalent thereto with Physics and Maths as elective subjects and Admission based on P.U. CET- (PG)

M.Sc. (Hons. School) Physics & Electronics	20+3	2 years (4 Semesters)	i) All students after passing B.Sc.(H.S.) in Physics Electron of P.U. ii) Admission based on P.U.CET-(PG). Please also refer to the Prospectus. B.Sc. (Pass or Hons.) examination with 50% marks (45% marks in case of SC/ST) or any other exam. Recognized as equivalent thereto with Physics and Maths as elective subjects or B.Sc. (Electronics).
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines.

Title of Syllabi: Regarding details of courses of study and their structure under semester system, the syllabus published by the University/notified by the Department on website may be consulted.

Choice Based Credit System (CBCS) shall be introduced from 2016-17.

Thrust Areas

Nuclear Physics (Expt.), Nuclear Physics (Theory), Particle Physics (Expt.), Particle Physics (Theory), Condensed Matter Physics (Expt.), Condensed Matter Physics (Theory).

DEPARTMENT OF STATISTICS

About the Department

The Department of Statistics was established in 1964 as a part of Mathematics Department and since 1974, it has been an independent Department.

The Department offers M.Sc., M.Phil and Ph.D. Courses in Statistics. The courses are designed to develop analytic and inferential aptitude of the students through theory and rigorous practical assignments along with exposure to practical training during the second year of M.Sc.

The Department was recognised by UGC as Department of Special Assistance-II for a period of five years (1.4.2010 to 31.3.2015). The UGC expert committee has further recommended the upgradation of the department to DSA-III for another five years beginning from April, 2015. It is among one of the active departments in the country carrying out research in the fields of Multiple Comparison Procedures, Reliability and Survival Analysis, Statistical Inference and Applied Statistics (Actuarial Statistics, Bio-Statistics, Econometrics and Income Distributions). It was a COSIST Department under another UGC scheme, and also a FIST Department under a scheme of the Department of Science and Technology of the Government of India.

The Department has well equipped Computer laboratory with access to softwares like MINITAB, SPSS, SYSTAT, R, S-PLUS, STATGRAPHICS and SAS. The students are given training for usage of R and SPSS for solving their practical assignments. To run the practicals and research work smoothly and without interruption, Department has 125 KVA silent DG SET.

Eminent Statisticians from abroad and within country keep visiting the Department frequently for delivering lectures and research collaboration. The faculty members attend National and International conferences. Interaction with neighbouring industries in the field of process control and with institutes like PGIMER, GMCH, NIPER, IMTECH and NITTER etc. for providing research consultancy to doctors and researchers is another highlight of the Department of Statistics. The faculty members also collaborate with sister departments for research and data analysis.

The Department of Statistics has independent Library which has a stock of more than 4000 books & access to more than 30 journals

Faculty

Particular	Name	Field of Research Specialization
Professors	Kalpana K. Mahajan	<i>Statistical Inference, Applied Statistics, Income Inequality & Lorenz Dominance, Environmental Statistics.</i>
	Amar Nath Gill	<i>Multiple Comparison Procedures, Statistical Inference, Applied Statistics.</i>
	Kanchan K. Jain (Chairperson)	<i>Reliability, Survival Analysis, Actuarial Statistics, Measurement Error Models, Bio-Statistics, Income Inequality</i>
	Sangeeta Chopra	<i>Applied Statistics, Income Inequality & Lorenz Dominance, Environmental Statistics, Statistical Inference</i>
	Narinder Kumar	<i>Statistical Inference and Multiple Comparison Procedures</i>
Assistant Professors	Manoj Kumar	<i>Linear Models, Econometrics</i>
	Anju Goyal	<i>Ranking and Selection Methodology, Multiple Comparison Procedures, Statistical Inference</i>
Programmer	Harminder Singh Deosi	<i>Statistical Programming, Patron recognition</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.Sc.	34+5NRI	2 years (4 Semesters)	B.A/B.Sc. (General) or Honours with Mathematics/Statistics obtaining either at least 50 percent marks in the aggregate or at least 45 per cent marks in Statistics/Mathematics
M.Phil.	10 (Minimum)	1 year	See General Important Guidelines
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of Syllabi :

SEMESTER-I					
Course No.	Title	Credit	Course No.	Title	Credit
Stat-101	Linear Algebra	4	Stat-103	Statistical Methods with Packages	4
Stat-102	Distribution Theory	4		(Theory 3/4, Practical 1/4)	
			Stat-104	Course selected from module	4
SEMESTER-II					
Stat-201	Statistical Computing using FORTRAN (Theory 1/2 Practical 1/2)	4	Stat-203	Sampling Theory and Official (Theory 3/4, Practical 1/4)	4

Stat-202	Estimation and Testing of Hypotheses (Theory 3/4, Practical 1/4)	4	Stat-204	Course selected from module	4
----------	---	---	----------	-----------------------------	---

SEMESTER-III

Stat-301	Nonparametric Inference (Theory 3/4, Practical 1/4)	4	Stat-303	Linear Inference (Theory 3/4, Practical 1/4)	4
Stat-302	Statistical Process and Quality Control (Theory 3/4, Practical 1/4)	4	Stat-304	Course selected from module	4

SEMESTER-IV

Stat-401	Multivariate Analysis (Theory 3/4, Practical 1/4)	4	Stat-403	Course selected from module	4
Stat-402	Design and Analysis of Experiments (Theory 3/4, Practical 1/4)	4	Stat-404	Course selected from module	4

MODULE

M 1	Actuarial Statistics	4	M 8	Real and Complex Analysis	4
M 2	Categorical Data Analysis	4	M 9	Reliability	4
M 3	Econometrics	4	M 10	Simultaneous Inference	4
M 4	Economic Statistics	4	M 11	Statistical Simulation and Computation	4
M 5	Advanced Inference	4	M 12	Stochastic Processes	4
M 6	Measure and Probability Theory	4	M 13	Survival Analysis	4
M 7	Operations Research	4			

ANY OTHER COURSE WHICH THE BOARD OF CONTROL MAY DECIDE TO OFFER

Thrust Areas

The identified thrust areas of the Department include, Multiple Comparison Procedures, Reliability and Survival Analysis, Statistical Inference and Applied Statistics (Actuarial Statistics, Bio-Statistics, Econometrics and Income Distributions).

The Department has made significant achievements in research in these areas which is evident from the research publications in reputed International/National Journals.

CENTRE FOR MEDICAL PHYSICS

About the Centre

Medical Physics is an established clinical specialty with wide ranging applications in Radiotherapy Planning and treatment. It can be defined as embracing all applications of radioactive sources in the treatment of cancerous and non cancerous diseases. The students of Medical Physics discipline gain knowledge about different equipments used in Radiotherapy planning and treatment and their quality assurances. Medical Physicists also play a leading role in the areas of radiation safety and development of instrumentation/technology for use in radiation therapy and diagnostic radiology. There is an ample scope for research in the area of medical physics. The syllabus of Medical Physics course has been designed in such a way that it shall make the student a competent Medical Physicist, Researcher, Radiation Safety Officer and Teacher after qualifying this course.

As this is a specialized branch of medicine and is multidisciplinary in nature, so it requires skilled/trained manpower.

Faculty

Particular	Name	Field of Research Specialization
Professor	Devinder Mehta (Co-ordinator)	<i>Exp. Nuclear Physics</i>
Assistant Professor	Vivek Kumar	<i>Experimental Nuclear Physics and Medical Physics</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.Sc.	General seats = 08 NRI = 02 Total seats/ = 10	M.Sc. Medical Physics shall be of three years duration which includes one year internship programme in the final year of the course. Students shall undergo one year internship in the Radiotherapy Department of PGIMER (Chandigarh) or any other hospital as per AERB regulations. The dissertation on project work after its completion shall be submitted in the final year of the course.	Admission to M.Sc. Course in Medical Physics will be B.Sc. (Regular course) first class with Physics as core subject (studied for three years) and Mathematics as one of the subjects (studied for minimum two years) from a recognized university. The candidates who studied B.Sc. through correspondence and open university stream are not eligible. Admission shall be made on the basis of PU-CET (P.G.)-2016. The entrance test paper will be the same as that for the admission to M.Sc. (H.S.) in Physics. While deciding the final merit of the entrance test, a weightage shall be given to the B.Sc. marks obtained by the candidate, as per university rules.
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Titles of Syllabi: Detailed syllabi available online at <http://puuchd.ac.in/syllabus.php>.

DEPARTMENT OF MICROBIAL BIOTECHNOLOGY

About the Department

The department was founded as 'Centre for Microbial Biotechnology' at Panjab University in July, 2008 under the aegis of "Centre for Emerging Areas in Science and Technology," with the aim of catering to the needs of the Biotechnology Industry. Over the years, the centre, has evolved and transformed into a full-fledged independent of the University. Currently, it is running in the CIL building of Panjab University, Chandigarh. The department runs Master's and Doctoral degree program. The M.Sc. Program of the department has been designed in consultation with the experts from both academia and industries keeping in mind the requirements and challenges of the microbial biotechnology research and its translation into entrepreneurship. The M.Sc. course comprises of four semesters. First three semesters are dedicated to strengthen theoretical and practical foundation while the fourth semester is dedicated to a research project/dissertation and seminars. The Ph.D.

program is open to students who would like to do research in relevant fields. The course details can be found at P.U. website (www.puchd.ac.in). The M.Sc. program is very well received as can be gauged by the continued full strength and the filling of seats in the first counselling for admission.

Faculty

Particular	Name	Field of Research Specialization
Professor	Rupinder Tewari	<i>Industrial Microbiology & Biotechnology</i>
Associate Professor	Rohit Sharma (Chairperson)	<i>Industrial Microbiology & Biotechnology</i>
Assistant Professors	Rachna Singh	<i>Medical Microbiology</i>
	Samer Singh	<i>Molecular Microbiology</i>
INSPIRE Faculty	Indresh Kumar Maurya	<i>Industrial Microbiology</i>

Course Offered :

Course	No. of Seats	Duration
M.Sc.	20+2 NRI	2 years (4 Semesters)

Eligibility Conditions

1. Any person who has done Bachelors degree in any field of biological sciences including Biotechnology is eligible to appear in the Entrance Exam.

2. Admission to M.Sc. 1st Microbial Biotechnology shall be through P.U. CET-(P.G.) conducted by Panjab University. The question paper should comprise of at least 50% portion belonging to basic Microbiology and rest from other fields of Biological Sciences including Biotechnology.

Mode of Admission

Admission base on P.U. CET-(P.G.) (50%) +Total aggregate of marks obtained at B.Sc./B.Tech/B.E. level (50%)

Scheme of test

The question paper will be based on the fundamentals of Microbiology and Biotechnology taught at undergraduate level. It will consist of 75 Objective type questions (Multiple choice with four responses i.e. A, B, C and D) carrying a total of 75 marks. The question paper will be of 1 hour and 30 minutes duration.

Criteria for admission to Ph.D.

- (i) Clearance of UGC-CSIR, ICMR, ICAR, GATE of any other exam of national level.
- (ii) Clearance of Ph.D. entrance test conducted by the Panjab University, Chandigarh

Thrust areas

- (a) Extremozymes (b) Antimicrobials (c) Biofilms (d) Vaccine Development

CENTRE FOR NANO-SCIENCE & NANO-TECHNOLOGY (U.I.E.A.S.T.)

About the Centre

The research oriented M.Tech. programme in Nano-Science & Nano-Technology was started in 2005 in the University Centre for Instrumentation Micro-electronics (UCIM). Being the first course of its kind in northern part of the country, it was a challenging job to have undertaken. In 2008 the course was placed under the newly formed Centre for Emerging Areas in Science & Technology (CEAST). Currently it is run by Centre for Nanoscience & Nano-technology, under University Institute for Emerging Areas in Science and Technology and is hosted in Department of Physics of Panjab University.

The course is of 2 years duration and interdisciplinary in nature and encompassing the areas of Chemistry, Physics, Biology and Engineering. It comprises of conceptual knowledge of nanoscience and nanotechnology, including preparation of nanomaterials, their characterisation and applications. Hands-on training is provided to the students at Sophisticated Analytical Instrumentation Facility (SAIF), formerly known as Research Sophisticated Instrumentation Centre (RSIC), Panjab University, Chandigarh. on the various instruments relevant to nanotechnology (Mass Spectrometry, Electron Microscope (SEM, TEM, STM), FT NMR Spectrometer (400 MHz), FTIR/IR Spectrophotometer, UV-VIS-NIR Spectrophotometer, X-Ray Diffractometer (Powder Method), HPLC, Fluorescence Spectrophotometer). The final year students do their projects in collaboration with industry and reputed laboratories and Institutions. The passing out students have found excellent employment/research positions.

The centre has close linkage with national scientific institutions in the country like NPL Delhi, IIT Ropar, CSIO Chandigarh, CSIR Delhi, NIPER Mohali and IHBT Palampur, etc. There have been regular interactions with the faculty from these organisations through visits and guest lecture.

Faculty

Particular	Name	Field of Research Specialization
Professors	Devinder Mehta (Co-ordinator)	<i>Experimental Nuclear Spectroscopy and X-ray Spectroscopy</i>
	S.K. Tripathi (Co-coordinator)	<i>Thin film, nanomaterials & device fabrication</i>
Assistant Professors	Navneet Kaur	<i>Development of novel nanomaterials for applications in the area of chemosensors/biosensors and their therapeutic Implications.</i>
	Jadab Sharma	<i>Study of optical and electrical properties of high aspect ratio nanostructures and applications in photo voltaics, and OLEDs</i>
	Richa Rastogi Thakur	<i>Nano materials based biosensors for healthcare applications</i>
	Sunil Arora	<i>Nanomagnetics, nanomaterials, nanoscale phase separation, magnetic sensor, gas sensors, surface and interface properties of nanoscale materials, oxide interfaces.</i>
(INSPIRE Faculty)	Praveen Kumar	III-Nitrides, Metal-semiconductor interfaces, Surface Physics and Nanostructure
Adjunct Faculty	S.K. Tripathi, Dept. of Physics	
	Sunita Srivastava, Dept. of Physics	
	Sukesh Chander, Dept. of Biochemistry	
	O.P. Katare, University Institute of Pharmaceutical Science	
	Alok Srivastava, Dept. of Chemistry	
	Sonal Singhal, Dept. of Chemistry	

Course Offered

COURSE	SEATS	DURATION	ELIGIBILITY	CRITERIA AND SCHEME OF TEST
M.Tech. (Nanoscience and Nano-Technology)	10+3 (SC/ST)	2 years (4 Semesters)	Bachelor's degree (4-years after 10+2) in Engineering/Technology, i.e. B.E./B.Tech. (in any branch) or Master's degree in Physics/Chemistry/Bio-physics/Bio-chemistry/Microbiology/Biotechnology/Nano Science/Electronics with minimum 50% marks in the aggregate.	The duration of the entrance test will be 1 hour 30 minutes and it will consist of 75 multiple choice questions of one mark each. The syllabus will be based broadly on the course contents on fundamentals of Physics, Chemistry, Mathematics, Biology and Computer background covered during their qualifying exams including undergraduate level.

Mode of admission:- Admission is through P.U. (CET-PG) conducted by Panjab University (50%)+ total aggregate of marks obtained at M.Sc./B.Tech/B.E. (50%).

Thrust Areas

Use of nanomaterial in chemosensors and biosensors, nanoparticles in immunodiagnostics, carbon nanotubes and their healthcare applications, metallic nanoparticles for pesticide and contaminants detection, design of polymer nanocomposites, photovoltaic, OLEDs, Nanomagnetism, nanoscale phase separation, magnetic sensor, gas sensors, surface and interface properties of nanoscale materials, oxide interfaces, Surface Physics and Nanostructure.

CENTRE FOR NUCLEAR MEDICINE

About the Centre

Nuclear Medicine is the medical speciality concerned with the use of safe and small amounts of radioactive materials for diagnostic, therapeutic, and research purposes. More specifically, nuclear medicine is a part of molecular imaging because it produces images which reflect biological processes that take place at the cellular and subcellular levels. A typical nuclear medicine study involves the administration of a radionuclide into the body in order to obtain images of the organs, to perform various body function studies and to treat diseases. Most of the radionuclide used for diagnostic studies emit gamma rays, while the cell-damaging properties of beta particles are used in therapeutic applications. Radionuclides used in nuclear medicine are derived either from nuclear reactors which produce radioisotopes with longer half-lives, or from cyclotrons/generators which produce radioisotopes with shorter half-lives.

Radioisotopes/Radiopharmaceuticals have affinities for specific organs, bones, or tissues and emit gamma rays that can be detected externally by scintillation cameras. Images are created by computers and provide data and information about the areas of the body being viewed.

Nuclear medicine imaging techniques combine the use of radioactive substances, detectors, and computers to provide functional images inside the human body by using advanced techniques like Positron Emission Tomography (PET) and Single Photon Emission Computed Tomography (SPECT). Nuclear medicine imaging is used for detecting tumors, irregular or inadequate blood flow to various tissues, blood cell disorders and inadequate functioning of organs. During diagnostic procedures, the patient experiences little or no discomfort and the radiation dose delivered is very small.

Nuclear medicine technical experts are highly skilled individuals and their responsibilities include performing in vivo, radiation safety and quality control procedures. Other responsibilities which include operating the cameras that create images including patient positioning and processing that data for research purposes. The discipline of nuclear medicine produces Nuclear Medicine physicists as well as dedicated scientists who develop radiopharmaceuticals/radioisotope for the imaging/therapies of organs.

Faculty

Particular	Name	Field of Research Specialization
Professor	Rajat Sandhir (Coordinator)	<i>Neurosciences</i>
Assistant Professor	Vijayta D. Chadha	<i>Radiation biology and Radiopharmacy</i>

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.Sc.	8+2 NRI	2 years (4 Semesters)	<p>Minimum Qualification for admission to M.Sc. 1st year in (Semester Nuclear Medicine will be B.Sc. from a recognized System) university with Physics and Chemistry (non-medical stream) or Chemistry and Biology (Medical stream) as core subjects. Candidates having B.Sc. in Nuclear Medicine/Biophysics/Radiation Sciences shall also be eligible for admission to the course.</p> <p>Admission to M.Sc Course in Nuclear Medicine will be through Entrance Test to be conducted by Panjab University. The candidates should have passed the graduation (B.Sc.) from a recognized University/Institute with at least 50% marks, While deciding the final merit of the entrance Test, a weightage shall also be given to the B.Sc. Marks obtained by the candidate, as per the University rules. The cut off percentage marks secured in the entrance test will also be as per University rules.</p>

Title of Syllabi

M.Sc.

SEMESTER I

Paper-(i) Radiation Physics, (ii) Applied Mathematics, Biostatistics & Computer Application, (iii) Fundamental Anatomy (iv) Radiation Biology

SEMESTER II

Paper-(i) Molecular physiology & Cancer Biology (ii) Fundamentals of Electronics and Biomedical Instrumentation (iii) Radiation Detection and Measurement (iv) Radioisotope Applications and Radiation safety.

SEMESTER III

Paper- (i) Nuclear Medicine imaging and Counting Instrumentation (ii) Principles and Practice of Radiological protection (iii) Principles and practice of Radio pharmacy and Radionuclide generators (iv) Nuclear Medicine Imaging and In-vivo Counting

SEMESTER IV

Paper-(i) PET Cyclotron and Allied Instrumentation (ii) Radiation Dosimetry, Radiobiology and Hospital Practice (iii) SPECT and PET Radiopharmaceuticals (iv) PET Imaging, Radionuclide Therapy and in-vitro Techniques.

Thrust Area:

Imaging with position Emitting Radionuclides: Targeted radionuclide therapy; Radiopharmacy

CENTRE FOR PUBLIC HEALTH

About the Centre

Panjab University is running a Master Program in Public Health since the year 2007 under UIEST to cater with the emerging needs of the country to produce trained manpower for handling public health issues. Public Health is emerging as one of the most significant areas in the present context of viewing health of the citizen being the important resource and asset of a nation. Major advances in improvement of health over the next decade will be through the development and application of population based preventive programmes. Health service delivery systems are undergoing rapid changes. With issues such as AIDS, population explosion, natural and man-made disasters, pandemics like SARS, bird flu etc. challenging public healthcare; it has become very urgent to prepare a task force of experts in dealing with the domain of public health in the world in general and India in particular. In our country, where lack of basic awareness about health care can lead to making a large section of our human resource as a liability instead of an asset, the need for specialized programmes in Public Health cannot be more emphasized.

Faculty

Particular	Name	Field of Research Specialization
Assistant Professors	Suman Mor (Coordinator)	<i>Solid Waste Management</i>
	Manoj Kumar	<i>Environment and Occupational Health</i>

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
Master in Public Health	17+5 in-service* +2 NRI * Only regular employees in Government organization and having atleast one year service experience be admitted under, "In-service" category. The candidate has to produce "No Objection Certificate" at the time of admission. In case of non-availability of in-service candidates the seats will be converted into general category.	2 years (4 Semesters)	Eligibility : Bachelor's degree in any discipline with at least 50% marks from recognized University/Institute. Admission : Admission will be made on the basis of merit drawn in P.U. CET-(P.G.) (50%) + Total aggregate of marks obtained at graduation level (50%).

Title of Syllabi :**SEMESTER-I**

Code	Subject	Code	Subject
MPH-101	Basic Concepts in Public Health		Open Elective –
MPH-102	Basic Epidemiology-I	MPH-105	Occupational Health and Safety Management
MPH-103	Maternal and Child Health/Reproductive Health and Family Planning	MPH-106	Basic Concepts in Life Sciences
MPH-104	Basic Computing and Research Methodology		OR Basic Concepts in Social Sciences

SEMESTER-II

MPH-201	Biostatistics		Open Elective –
MPH-202	Environmental Health	MPH-205	Genetics and Public Health
MPH-203	Survey Methods		OR
MPH-204	Public Health in Emergencies, Disasters and Conflicts		Global Health

SEMESTER-III

MPH-301	Basic Epidemiology-II	MPH-304	Elective Health for Special Groups/Populations
MPH-302	Health Services Planning and Management/Health Economics		OR
MPH-303	Medical Bioinformatics and Computational Sciences		Public Health in India and World Internship Dissertation

SEMESTER-IV

MPH-401	Public Health Law, Ethics and Human Rights	MPH-402	Health Education and Counselling
		MPH-403	Dissertation

Thrust Areas

Health service administration, health statistics, epidemiology, health education, environmental health, nutrition, biomedicine, health educators, medical anthropology, Health insurance, Local/State/ Govt/NGOs.

CENTRE FOR STEM CELL & TISSUE ENGINEERING**About the Centre**

The centre offers two years (four semesters) M.Sc. degree course in Stem Cell & Tissue Engineering. This course was started in 2008 and is intended for graduate students interested in pursuing their careers in the field of stem cell biology. This course will cover the most current knowledge of the principles of stem cell biology, tissue engineering, developmental biology, molecular signaling, genomic, epigenomics & non-genomic regulatory pathways together with immunology, genetics, human anatomy & physiology.

The course curriculum has been designed to provide strong emphasis on experimental training to the students. During the first three semesters students will be imparted strong theoretical and practical trainings. In the fourth semester students will be trained to handle the research work related to the field. They will also be trained to write the projects, make presentations in the form of seminars and journal clubs along with the training in the Research methodologies. A continuous evaluation will be followed.

The centre is located at 2nd Floor Pharmacy Extension Block Sector-14, Panjab University, Chandigarh.

Faculty

Particular	Name	Field of Research Specialization
Professor	Sanjeev Puri (Coordinator)	<i>Renal Tissue Engineering & Molecular Biology of Renal Pathophysiology</i>
Assistant Professor	Seemha Rai	<i>Cancer Stem Cells</i>

Guest Faculty

Professors	Vijay Lakshmi Sharma Suresh K. Sharma	<i>Developmental Biology</i> <i>Biostatistics</i>
Associate Professor	Harish Kumar	<i>Computer</i>
Assistant Professor	Abha Seth	<i>Physiology & Anatomy</i>

Adhoc/Contract

Assistant Professors	Anuj Gupta Nidhi Mahajan Nidhi Anil	<i>Biochemistry</i> <i>Biochemistry</i> <i>Biotechnology</i>
----------------------	---	--

Course Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.Sc.	15	2 years (4 Semesters)	Students securing 50% marks in B.Sc. General/Life Sciences/Basic Medical Science/Engineering (Biotech/Biomedical)/Pharmaceutical/Biotechnology/Dentistry are eligible to apply for the admission to M.Sc. in Stem Cell & Tissue Engineering. The admission will be based on Departmental level Entrance Test as per Punjab University admission rules & regulations.

CENTRE FOR SYSTEM BIOLOGY & BIOINFORMATICS

About the Centre

The emerging field of computational and systems biology represents an integration of concepts and ideas from the biological sciences, engineering disciplines, and computer science. Systems modeling and design are well established in engineering disciplines but are relatively new to biology. Advances in computational and systems biology require multidisciplinary teams with skill in applying principles and tools from engineering and computer science to solve problems in biology and medicine.

The curriculum of the 2 year M.Sc. course of System Biology and Bioinformatics has a strong emphasis on foundational material to encourage students to become creators of future tools and technologies, rather than merely practitioners of current approaches. Areas of active research in this field include computational biology and bioinformatics, gene and protein networks, molecular biophysics, instrumentation engineering, cell and tissue engineering, predictive toxicology and metabolic engineering, imaging and image informatics, nanobiology and microsystems, biological design and synthetic biology, neurosystems biology and cancer biology.

The Centre has also started Ph.D. Programme and at present five students are pursuing their Ph.Ds.

Faculty

Particular	Name	Field of Research Specialization
Professor	Suresh K. Sharma (Coordinator)	<i>Statistical Modeling, Biostatistics, rankings and selection, Medical Statistics.</i>
Assistant Professors	Ashok Kumar	<i>Cancer Biology and Genomics.</i>
	Tammanna R. Sahrawat	<i>Conformational studies of peptides using ab-intio quantum mechanics based approaches; Homology modeling, functional characterization of proteins; Sequence based phylogenetic clustering and structure prediction; Toxicology.</i>
	Veena Puri	<i>Neuronal Cell biology, Proteomics and Microarray data analysis.</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
M.Sc.	13+2 (NRI)	2 years (4 Semesters)	Bachelor's of degree Science (General or Hons.) with Bioinformatics, Biotechnology, Biochemistry, Biology, Botany, Chemistry, Electronics, Genetics, Life Science, Mathematics, Mathematics & Computing, Microbiology, Physics, Statistics, Zoology, Agriculture, Computer Science, Engineering, Medicine, Pharmacy and Veterinary Science with at least 50% Marks (45% for candidate belonging to SC/ST category).
Ph.D.	Subject to availability of seats	5 years	As per University rules Enrolment in Ph.D. is on the basis of an Entrance Test conducted by Panjab University/CSIR/UGC/ICMR/GATE or any other equivalent test.

Title of Syllabi SEMESTER I

Paper Code	Title	Paper Code	Title
MSBB 101	Biophysical Chemistry of Biomacromolecules	MSBB 105	Biostatistics
MSBB 102	Metabolomics and Metabolic Pathway Engineering	MSBB 106	Data Management and Biological Databases
MSBB 103	Basic Concepts in Mathematics (For students with Biology Background)	Practical 110	Based on MSBB 101
MSBB 104	Basic Concepts in Biology (For students with Non-Biology Background)	Practical 120	Based on MSBB 102
		Practical 150	Based on MSBB 105
		Practical 160	Based on MSBB 106

SEMESTER II

MSBB 201	Spectroscopic Methods in Structural Biology	MSBB 204	Programming in C++ and PERL
MSBB 202	Genomics and recombinant DNA technology	Practical 210	Based on MSBB 201
MSBB 203	Computational Methods of Sequence Analysis and Biomolecular informatics	Practical 220	Based on MSBB 202
		Practical 230	Based on MSBB 203
		Practical 240	Based on MSBB 204
		Seminar	On (i) (a) Data bases and Bioinformatics tools on internet (b) Modeling tools-Visualization and genome matrix (c) Solving of structures using different softwares (ii) Journal Club

SEMESTER III

Paper Code		Paper Code	
MSBB 301	Computation Cell Biology I	Practical 310	Based on MSBB 301
MSBB 302	System Biology	Practical 320	Based on MSBB 302
MSBB 303	Proteomics and System Biology	Practical 330	Based on MSBB 303
MSBB 304	Molecular Modeling and Computer aided Drug Design	Practical 340	Based on MSBB 304
		Seminar	On (i) (a) AMBER & Molecular (b) E-cell (c) Py Bio-S (d) System Biology Benchworks (ii) Journal Club

SEMESTER IV

MSBB 401	Computation Cell Biology II	MSBB 403	Advance Bioinformatics and Nanotechnology
MSBB 402	Chemoinformatics		Project Work and Oral Presentation

Ph.D. Syllabus

Paper-I : Research Methodology and Biostatistics

UNIT-I

1. Experimental Animal/Human Model in Research
2. Ethics in Scientific Research
3. Good Laboratory Practices
4. Scientific Writing :
 - (a) Research Paper
 - (b) Project Proposal
 - (c) Synopsis/Thesis
5. Intellectual Property Rights and Patents

UNIT-II

1. Biostatistics :
 - (a) Measurement Scales
 - (b) Graphical Representation of Data
2. Distributions :
 - (a) Bernoulli Trials, Binomial, Poisson and Normal Distributions

- | | |
|---|--|
| (c) Measures of Central Tendency and Dispersion | (b) Correlation and Regression Analysis : Simple and Multiple (using SPSS only) |
| (d) Concepts of Probability (Bayes Theorem) | (c) Testing of Hypothesis : One Sample and Two Sample Problems, One-way, Two-way ANOVA Chi-square Test |
| (e) Random Variables–Probability Mass Function, Probability Distribution Function and Commutative Distribution Function | |

Paper-II : Systems Biology & Applied Bioinformatics

UNIT-I

- | | |
|--|-----------------------------|
| 1. Macromolecules | 2. Macro-molecular Modeling |
| (a) Proteins–Structure, Conformational Analysis | |
| (b) Nucleic Acid–DNA Structures, Conformational Analysis | |
| (c) Introduction to Protein and Nucleic Acid Database | |

UNIT-II

- | | |
|------------------------------|---|
| 1. Data Mining | (d) Statistical Approach for High Throughput Analysis |
| (a) MS Data Analysis | (e) Review of Computer Aided Drug Design Methods |
| (b) Microarray Data Analysis | |
| (c) Sequence Analysis | |

Paper-III : Presentation of Two Latest Articles/Research papers by students

Thrust Areas

- | | |
|---------------------------------------|--|
| (i) Static Modeling and Biostatistics | (iii) Conformational Studies and Sysbiomic |
| (ii) Cancer Biology and Genomics | (iv) Microarray data analysis |

DEPARTMENT OF ZOOLOGY

About the Department

The Department of Zoology was established at Lahore in 1902 and later on shifted first to Hoshiarpur after the partition of country and then to Chandigarh in July 1960. The department has been organizing, seminars, symposia, workshops, field trips and other extra curricular activities from time to time for overall development of the young students.

The Department had a Centre of Advanced Studies (CAS-I) from April 2007 to April 2012 under the thrust area of Biodiversity: Cell and Molecular Biology with a grant of Rs. 78.25 lakhs. The UGC has upgraded the department in 2015 to the level of CAS-II for five years with a financial assistance of Rs. 161.55 lacs & two research fellows. The Department was also recognised by the Department of Science & Technology in 2013 under its FIST programme and sanctioned a grant of 1.10 crores for 5 years. With this grant a flow cytometry lab. was established with the most sophisticated LSR Fortessa Cell Analyzer.

The Department is running research projects funded by different agencies like DST, UGC, & CSIR etc. The department has central sophisticated laboratories well equipped with scientific instruments such as Real Time PCR, 2D Gel Electrophoresis, Ultracentrifuge, HPLC etc.

The Department has a computer lab. for routine work as well as accessing research related data for students. The Department library is stocked with highly informative text and reference books in addition to national and international journals. The Department houses two museum having more than 5000 specimens covering the whole Animal Kingdom. The museum is packed full of skeletons, mounted animals and specimens preserved in formalin. The museum is well curated with maintained stock registers listing the scheduled and non scheduled animals as defined under wildlife (Protection) Act 1972. The Department is maintaining an Apiary of European honeybee, *Apis mellifera* which serves as a model to acquaint and encourage the students towards self-employment potential of Applied Zoology. The Department arranges Educational-cum-Marine trip every year for B.Sc. (H.S.) final year students in order to acquaint them with marine life.

The department also has an Alumni Association and a Zoological Society. The faculty and students are members of the society which caters to academic and extra-curricular needs of its members.

Faculty

Particulars	Name	Field of Research Specialization
Professors (<i>Re-employed</i>)	Neelima R Kumar	<i>Entomology</i>
	R. Jindal	<i>Aquatic Biology</i>
Professors	V.L. Sharma	Cytogenetics
	Sukhbir Kaur (<i>Chairperson</i>)	<i>Parasitology, Immunology</i>
	V. K. Walia	<i>Entomology</i>
	Upma Bagai	<i>Parasitology, Immunology</i>
Associate Professor	Harpreet Kaur	<i>Parasitology</i>
Assistant Professors	Y.K. Rawal	<i>Fish and Fisheries</i>
	Ravneet Uppal	<i>Fish Neurotoxicology & fish Biomaterial, Wetland Ecology</i>
	Ravinder Kumar	<i>Molecular Skin Biology, Stem Cell</i>
	Mani Chopra	<i>Cytogenetics, Cell- Biology, Molecular toxicology</i>
	Indu Sharma	<i>Reproductive Physiology Molecular Biology</i>
	Vijay Kumar	<i>Human Genetics, Molecular Biology</i>
	Archana Chauhan	<i>Molecular Genomics</i>

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.Sc. (H.S)	25+4 NRI	3 years (6 Semesters)	P.U.CET-(P.G.) + admissible weightage
M.Sc. (H.S.)	14+2 NRI	2 years (4 Semesters)	(a) B.Sc. (Pass or Hons.) with 50% marks (45% marks in case of SC/ST) in the examination of the P.U. or any other examination recognized by P.U. as equivalent thereto with Zoology as one of the elective subject. (b) P.U.CET-(P.G.) + admissible weightage.
M. Phil.	10	1 year (2 Semesters)	See General Important Guidelines
Ph.D.	Subject to availability of seats	3-5 years	See General Important Guidelines

Title of syllabi**B.Sc. (H.S.)****SEMESTER-I**

Paper-I	Preliminary - English	Paper-IV	Zoology-I-(Biodiversity : Invertebrates-I)
Paper-II	Subsidiary-I- Chemistry/Bio-Chemistry	Paper-V	Zoology-II- (Biodiversity : Chordates-I)
Paper-III	Subsidiary-II- Botany		

SEMESTER-II

Paper-I	Preliminary - English	Paper-IV	Zoology-III- (Biodiversity : Invertebrates -II)
Paper-II	Subsidiary-I- Chemistry/Bio-Chemistry	Paper-V	Zoology-IV - (Biodiversity : Chordates-II)
Paper-III	Subsidiary-II - Botany		

SEMESTER-III

Paper-I	Bio-Chemistry	Paper-IV	Zoology -VI- Functional of Anatomy of Non-Chordates-II- (Helminths)
Paper-II	Botany	Paper-V	Zoology - VII - Functional Anatomy of Non-Chordates-III (Arthropoda-I)
Paper-III	Zoology- V -Functional Anatomy of Non-Chordates-I (Protozoa, Porifera, and Coelenterata)		

SEMESTER-IV

Paper-I	Bio-Chemistry	Paper-IV	Zoology-IX- Functional Anatomy of Non-Chordates-V- (Annelida and Minor phyla)
Paper-II	Botany	Paper-V	Zoology-X - Functional Anatomy of Non-Chordates-VI (Mollusca and Echinodermata)
Paper-III	Zoology-VIII - Functional Anatomy of Non-Chordates-IV (Arthropoda-II)		

SEMESTER-V

Paper-I	Zoology - XI - General account of Vertebrates - I	Paper-III	Zoology - XIII - Cell Biology
Paper-II	Zoology-XII - Comparative anatomy of Vertebrates -I and Zoogeography	Paper-IV	Zoology - XIV - Animal Physiology
		Paper-V	Zoology - XV - Taxonomy, Ecology and Palaeontology-I

SEMESTER-VI

Paper-I	Zoology -XVI - General account of Vertebrates – II	Paper-IV	Zoology-XIX - Embryology and Endocrinology
Paper-II	Zoology-XVII - Comparative anatomy of Vertebrates-II and Wildlife	Paper-V	Zoology-XX - Taxonomy, Ecology and Palaeontology-II
Paper-III	Zoology-XVIII - Cytogenetics		

M.Sc. (H.S.)**SEMESTER-I**

Paper-I	Comparative Animal Physiology & Endocrinology	Paper-III	Biology of Parasites
Paper-II	Cytogenetics & Cell Biology	Paper-IV	Insects Ecology & Insect Physiology
		Paper-V	Aquaculture & Fisheries

SEMESTER-II

Paper-VI	Methodology & Instrumentation	Paper-IX	Development Biology
Paper-VII	Molecular Biology	Paper-X	Environmental & Quantitative Biology
Paper-VIII	Biology of Vertebrate Immune System		

SEMESTER-III

Paper-XI	Animal Bio-Chemistry
----------	----------------------

SEMESTER-IV

Paper-XII (Any one of these)

- | | |
|---------------------------|--|
| (i) Limnology & Fisheries | (iii) Concept in Parasitology |
| (ii) Entomology | (iv) Genetics & Molecular Cytogenetics |
| | (v) Stress and Reproductive Physiology |

UNIVERSITY INSTITUTE OF FASHION TECHNOLOGY AND VOCATIONAL DEVELOPMENT

About the Institute

University Institute of Fashion Technology and Vocational Development is an in-Campus Institute, established by the Panjab University, Chandigarh in 2007 as a commitment to carry forward its goal of providing trained professionals for the fast growing Fashion, Apparel and Textile Industry in the region in particular and the country in general.

UIFT&VD presently offers a prestigious Five Year Integrated B.Sc. & M.Sc. Degree in Fashion and Lifestyle Technology. The program laid out in a semester system focuses on self sustaining education and training.

First three years of the course comprise of Foundation and Core Studies of which sixth semester entails Industrial Training with an option for an Industry/Design Project. The students are awarded a B.Sc. Degree in Fashion & Lifestyle Technology at this stage.

Two years spent in M.Sc. Fashion & Lifestyle Technology have the students undergo extensive specialized project based study related to organizing and management of a Fashion and Lifestyle Enterprise. Design Collection/Research Project/Craft based Project are a part of the Post Graduation Program.

Highly trained and experienced faculty is involved in giving intensive theoretical and practical inputs and the students are being assisted in task based studies to develop their skills to face the challenging requirements of the Fashion Industry.

To move into the global mainstream of intense economic competition and reckoning with requirements of India's fashion industry in totality, the Department is liaising with fashion related organizations for training of the students to help them to develop skills in handling latest technology. Regular interaction with the experts at design studios, production and distribution centers community projects, retail establishments and industry form a vital bridge between University Institute of Fashion Technology and the world.

The department is housed in an "intelligent building" and richly equipped in its laboratories with state of the art equipment for hand on experience of the students. It is in the process of setting up its Resource Centre. UIFT strives to be the finest institution in the country in all aspects and terms.

Faculty

Particulars	Name	Field of Research Specialization
Professor	Swarnjit Kaur (Chairperson)	<i>Globalization & Human Rights</i>
Assistant Professors	Rita Kant	<i>Clothing & Textiles</i>
	Prabhdip Brar	<i>Apparel Design, Art History & Fine Arts</i>
	Anu H. Gupta	<i>Clothing & Textiles</i>

UIFT is a dynamic wing of prestigious Panjab University, Chandigarh, which is devoted to excellence in Academics, Fashion, Design and Technology.

Course Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
5 Year Integrated B.Sc. & M.Sc. in Fashion & Lifestyle Technology	46+6 NRI	3+2 years (10 Semesters)	10+2 from CBSE or any other recognized board with atleast 50% marks in aggregate (45% marks in case of SC/ST)+ Aptitude Test.
Ph.D.	Subject to availability of seats	3-4 years	See General Important Guidelines

Admission to B.Sc. F&LST**Aptitude test**

1. Admission to the course is made on the basis of an Aptitude test conducted by the Institute to assess the skill of candidates in free hand drawing, sketching, designing, creative and general ability required for the course.
2. Communication skills are tested through an interview.
3. Preparation of merit list shall be as under:

Academics	-	20%
*Preference Criteria	-	10%
Aptitude & Objective Test	-	60%
Interview	-	10%

Note: *Preference is given to candidates who have undergone vocational education in Fashion Design/Textile Design or studied Fine Art subject/Subjects, at or after 10+2 from any recognized/approved University/Board.

Title of Syllabi:**Sr. No. Theory Papers**

- 1 English
- 2 Fabric Technology
- 3 Fashion Studies
- 4 History of Indian Costumes
- 5 History of World costumes
- 6 Personality & Clothing
- 7 Apparel & Textile Merchandising
- 8 Fashion Relating & Merchandising
- 9 Quality Management
- 10 Textile Testing
- 11 Research & Statistics
- 12 Industrial Management
- 13 Entrepreneurship Development
- 14 Textile Chemistry
- 15 Communication through Fashion Journalism

Sr. No. Practical Papers

- 1 Visual Design
- 2 Fine Arts & Fashion Illustration
- 3 Design Process
- 4 Pattern Development
- 5 Garment Construction Technology
- 6 Traditional Indian Textiles & Embroideries
- 7 Computer Graphics
- 8 Knitting & Weaving Technology
- 9 Fashion Photography
- 10 Portfolio Making
- 11 Design Collection
- 12 Research Project
- 13 Craft Based Project
- 14 Textile Testing
- 15 Creative Techniques

Rules for Admission to M.Sc. in Fashion & Lifestyle Technology Lateral Entry as under:

1. Lateral entry to M.Sc. in Fashion and Lifestyle Technology will be permitted if there is any seat vacant due to dropping out of any student/students of B.Sc. in Fashion and Lifestyle Technology of University Institute of Fashion Technology, Panjab University, Chandigarh.
2. A person, who has passed B.Sc. (Fashion Designing) examination with at least 50% marks in aggregate from Panjab University, Chandigarh or an examination from any other university recognized as equivalent thereto, shall be eligible for entrance test for lateral entry into the course.
3. An Entrance test and Interview will be held to assess the skill of the students seeking admission as lateral entry candidates.
4. Distribution of marks for preparation of merit list of lateral entry candidates for M.Sc. in Fashion & Lifestyle Technology shall be as under:-
 - a) Weightage to Qualifying Examinations : 30%
 - b) Weightage to Entrance Test : 50%
 - c) Weightage to Interview : 20%
5. The candidate shall have to score 50% marks in aggregate in the Entrance Test & Interview to be eligible for lateral entry.

Thrust Areas

The thrust areas of this unique program offer a solid platform to pursue careers in the Business of Fashion. Research Projects, Product & Line Development, Fashion Event Management, Surface Design, CAD, Textile Technology, Visual Merchandizing, Fashion Forecasting and Media Reporting are amongst a few of its USPs. Exposure of students to the dynamics of Business Organizations through Internship enables them to integrate their classroom learning with practical experience.

- **Fashion Show (Shears & Rubens):** "Shears & Rubens", is exclusively organized by final year M.Sc. Students. This is a grand event and lifetime opportunity for students to transform into professionals.
- **Ph.D. Programme:** The department offers Ph.D programme in Fashion and Lifestyle Technology. Presently 10 Research Scholars have been enrolled in Ph.D programme. These scholars are carrying out path-breaking research in different arenas of Fashion and Textile field.
- **Placements:** All students of UIFT & VD pass out as thoroughbred professionals. The Department continues to support them by arranging for on-campus and off-campus placements in reputed organizations. Many students opt for self-employment and spring up as successful entrepreneurs. The students who opt for placements are helped in securing good jobs in different organizations of their own choices. The fruits of labour put in within its walls are likely to be cherished and enjoyed for a lifetime.

XI. MULTI-FACULTY DEPARTMENTS

Department of Evening Studies-Multi Disciplinary Research Centre

About the Department

The **Department of Evening Studies-Multi Disciplinary Research Centre**, which started as the Panjab University Evening College in 1961, provides a unique opportunity of learning through interactive teaching to the in-service and self-employed young men and women. It is a socially useful institution to enable them to enhance their career prospects.

The criterion of 'employment' as a condition of eligibility for admission to the Department of Evening Studies be understood, interpreted and applied liberally and pragmatically, keeping in mind the social purpose of providing opportunity especially to the underprivileged to upgrade their skills. Accordingly, 'employment' would include not only 'private employment of any kind' but self employment as well. The candidate's own certification that he/she is so employed or self-employed would, therefore, suffice (**Extracts from the decision of the Syndicate dated 22.02.2006(Para 34)**).

Faculty

Particulars	Name	Field of Research Specialization
Professors Re-Employed	Indu Tewari	<i>Modern Indian History</i>
	Vijay K. Chopra	<i>Modern War Fiction</i>
	N.K. Sehgal	<i>Accounting</i>
	Vijay Kataria	<i>Indian Political Thought</i>
Professors	Keshav Malhotra (Chairperson)	<i>Banking and Finance</i>
	Sudhir Kumar	<i>Comparative Literature & Literary Theory</i>
	Gurpal Singh	<i>Criticism</i>
	S.S.Gill	<i>American Novel</i>
	Harsukhjait Kaur	<i>Indian Political System</i>
	Mahesh Sharma	<i>History of Religion</i>
	Ishwar D. Gaur	<i>Punjab History & Culture</i>
	Mohammed Khalid	<i>Geopolitics of Indian Ocean</i>
	Gauri Sharma	<i>Medieval Indian History</i>
	Neeraj Jain	<i>Fiction</i>
	Bhupinder Kaur	<i>Modern Punjabi & Poetry</i>
	Rehana Parveen	<i>Fiction</i>
	Vandna Maini	<i>Human Behaviour</i>
	Neeraj Sharma	<i>Rural Development</i>
Suman Makkar	<i>International Economics</i>	
G.C.Chauhan	<i>Ancient Indian History</i>	
Gurpreet Kaur	<i>Punjabi Culture & Folklore</i>	
Associate Professors	Archana	<i>American Literature</i>
	Chander Mohan	<i>Fiction</i>
	Keerti Vardhan	<i>Combinational Topology</i>
Assistant Professors	Amandeep Kaur	<i>Dalit Literature</i>
	Amandeep Singh	<i>Sociology</i>
	Kusum	<i>English</i>
	Simran Kaur	<i>Economics</i>

Courses Offered:**A) Bachelor of Arts (B.A.)-The course comprises Six Semesters****B) Bachelor of Commerce (B.Com) -The course comprises Six Semesters****C) Master of Arts (M.A.-Semester System) -The course comprises four Semesters****Subjects:**

i) English ii) Economics iii) History iv) Punjabi v) Political Science

DETAILS OF OPEN AND RESERVED CANDIDATES FOR ADMISSION TO VARIOUS CLASSES DURING SESSION 2016-2017

Class (Semester System)	Seats	Open	S.C	S.T	BC	PH	Sports	Military personnel	Terrorist Victims	Children/ Grand Children of Freedom Fighters
		55.50%	15%	7.5%	5%	3%	5%	5%	2%	2%
B.A.I	342	190	51	26	17	10	17	17	7	7
B.Com.I	70	39	10	5	4	2	4	4	1	1
M.A.I. (English)	68	40	10	5	3	2	3	3	1	1
M.A.I. (History)	68	40	10	5	3	2	3	3	1	1
M.A.I. (Political Science)	68	40	10	5	3	2	3	3	1	1
M.A.I (Economics)	68	40	10	5	3	2	3	3	1	1
M.A.I (Punjabi)	68	40	10	5	3	2	3	3	1	1

Eligibility for B.A. Semester-I

1. A person who has passed one of the following examinations shall be eligible to join B.A. (General) Semester-I of 6 Semester Degree Course:
 - a) B.A./B.Sc./B.Com.Part-I (Old Scheme) Pre-Medical/Pre-Engg./Intermediate/Arts/Science/Agriculture Examination of Panjab University.
 - b) The +2 examination of a recognized university/ Board/ Council, provided he/she has secured at least 33% marks;
 - c) Any other examination recognized by the university as equivalent to (a) and (b) above;

- d) The Syndicate vide Para 41 of its meeting held on 26.7.2003 decided that if the candidates placed under compartment in +2, cleared their examination by appearing in the Supplementary examination of the board before the last date of admission for any course (The courses M.B.B.S., B.A.M.S., BHMS, B.E., B.Arch., B.B.A & B.C.A. are not covered in the forgoing decision) they should be considered for admission to the next higher class, provided they were eligible.
2. Candidates placed in compartment in one subject only at the +2 Examination by a recognized Board/ Body/Council/University in India, will be allowed to take admission to B.A.-Sem-I subject to the condition that He/She should have obtained at least 33% marks in the aggregate of all the subjects (including at least 20% in the subject of Compartment, Theory and Practical/s taken together) taken up by him/her at the +2 examination.

Admission Procedure for B.A. Semester-I (Online admission)

All candidates seeking admission in B.A.-Semester-I in the department are required to fill online admission forms available at <http://admissionevening.puchd.ac.in> & submit a hard copy of the same supported by photocopies of all relevant documents. Incomplete Application Forms will not be considered in any case. Further, students will have to submit the original documents at the time of their Interview.

COMBINATION OF SUBJECTS (B.A. Semester-I)

Compulsory subjects (for B.A. Degree Course)

1. Punjabi or History and Culture of Punjab*
2. English
3. Any one subject from each group i.e. Group A,B & C

Group A	Group B	Group C
Political Science	Sociology	Economics
Public Administration	Sanskrit	English Elective
Police Administration	History	Urdu Elective
	Mathematics	Punjabi Elective
		Hindi Elective

4. Environment and road safety education.

Subject combinations of the students will remain same (subject related in Semester-I) throughout the entire six (06) Semester B.A. Course.

Important Notes:

The Syndicate at its meeting held on 22.2.2006 (Para 34) decided that the combination of the subjects/options offered by the Department of Evening Studies-MDRC may be reviewed on year to year basis after getting the approvals of the Dean of University Instructions and the Vice-Chancellor.

*The following categories of students shall be entitled to take the option of History and culture of Punjab in lieu of Punjabi as compulsory Subject:

- (i) Students who are not domiciled in Punjab and have not studied Punjabi upto 10th class.
- (ii) Ward of/and Defence Personnel and Central Government employees/employees who are transferrable on all India basis.

Eligibility for B.A. Semester-III

- (i) Students who have qualified at least 50% of the total no. of papers in B.A. Semester-I & II are eligible to seek admission to B.A. Semester-III.
- (ii) A person who has passed B.A. Semester-I & II or B.A.-Ist year examination under 10+2+3 scheme from any other university in India recognized by the Panjab University as equivalent to its B.A. Semester - I, II examination.

However, the subjects he/she has studied in B.A Semester I & II are the same as offered by this University. In case of any deficiency he/she shall have to pass the deficient subject in the following December and May Examinations. The total number of credits shall, however, remain the same. If such a student fails to pass the deficient subject in the following December and May examinations, his/her result for B.A. Semester-III examination shall stand cancelled.

Provided that the marks obtained in B.A. first year examination shall be counted towards his/her division by increasing or decreasing the maximum marks in accordance with the maximum marks prescribed by Panjab University.

Note : In addition to the condition laid down in (i) & (ii) above, the candidates from the other Board/Universities are required to submit eligibility certificate issued from Registration Branch of Panjab University, Chandigarh along with application form.

Admission Procedure for B.A. Semester-III

All candidates seeking admission in B.A.-Semester-III in the department are required to fill online admission forms available at <http://admissionevening.puchd.ac.in> & submit a hard copy of the same supported by photocopies of all relevant documents. Incomplete Application Forms will not be considered in any case. Further, students will have to submit the original documents at the time of their Interview.

Eligibility for B.A. Semester-V

Students who have qualified at least 50% of the total no. of papers in B.A. Semester-I & II and III & IV are eligible to seek admission to B.A. Semester-V.

Admission Procedure for B.A. Semester-V

All candidates seeking admission in B.A.-Semester-V in the department are required to fill online admission forms available at <http://admissionevening.puchd.ac.in> & submit a hard copy of the same supported by photocopies of all relevant documents. Incomplete Application Forms will not be considered in any case. Further, students will have to submit the original documents at the time of their Interview.

Eligibility for B.Com Semester-I

3.1.(A) Admission to the first semester of B.Com. Degree course shall be open to a person who has passed one of the following examinations conducted by a recognized Board/Council/University:

- (a)+2 examination or B.Com Part-I (old scheme) of Panjab University with three of the following subjects securing at least 45 per cent marks in the aggregate:-

Commerce (or theory of commerce or foundation course in commerce)

Accountancy (or book keeping and accountancy)

Economics

Business Organisation (or Business Management or Theory and Practice of Management). Insurance (or General Insurance or Life Insurance)

Banking and Trade

Commercial Geography

Office Management and Secretarial Practice (or Office Organization and Management)
Mercantile Law (or any Company Law)
Auditing
Typewriting and Stenography/Computers (for typewriting)

- (b) +2 Examination or B.A. Part-I (Old Scheme) of Panjab University with at least two of the subjects mentioned in (a) securing at least 50% marks in aggregate.
- (c) +2 Examination or B.A. Part-I/B.Sc.I/Pre-Engineering/Pre-Medical Examination of the Panjab University under the Old Scheme not covered in (b) securing at least 50% marks.

Any other examination recognized by the University as equivalent to (a) or (b) or (c) as given above with requisite percentage of marks given under each clause.

Provided that a candidate seeking admission to the first year of B.Com. should have passed in the subject of English at the +2 examination and in cases where passing in English is not necessary according to the regulations of certain Boards/Bodies/Councils/Universities in India, the admission of the candidate shall be provisional and will be confirmed only after he has cleared the subject of English as a deficient subject from the parent Board/Body/Council/University in two consecutive chances subsequent to his admission. In case a candidate does not clear the relevant subject at any of the two consecutive chances allowed to him subsequent to the date of his admission, his provisional admission to the course shall stand cancelled.

For candidates with compartment

A candidate who has been placed under compartment in the +2 examination conducted by a Board/Bodies/Councils/University in India shall be eligible to seek admission to the First year of B.Com. Course, provided he fulfills the following conditions:

- (i) He should have been placed in compartment in one subject only.
 - (ii) He should have obtained at least 20% marks in the subject in which he had been placed in compartment.
- and
- (iii) He should have obtained the requisite percentage of marks in the aggregate of the examination as laid down in the relevant regulations.

The admission of the candidate with a compartment as indicated above shall be provisional and will be confirmed only after he has cleared the compartment in two consecutive chances subsequent to his admission. In case the candidate does not clear the compartment at any of the two consecutive chances allowed to him subsequent to the date of his admission, his provisional admission to the course shall stand cancelled.

Admission Procedure

B.Com. Semester-I

Admission will be made online under centralized admission (only for B.Com Ist Semester) w.e.f. session 2013-14 as approved by the senate vide Para LXXXVII dated 22.12.2012.

Subject to the reservation made by the University, the admission shall be on merit. The merit for this purpose shall be determined on the basis of the score of a candidate to be computed as follows:

- (i) Percentage of marks in the qualifying examination;
- (ii) Add score of 4 for each of the subjects passed from the subjects referred in 3.1A (a) not exceeding 16 in total.

Explanation: In case of a compartment candidate, eligibility shall be determined by including the marks of the subject in which the candidate has been placed in compartment.

Eligibility for B.Com Semester-III

3.2 A person who has passed one of the following examination shall be eligible to join the Third Semester of the Bachelor of Commerce (General and Honours) course as the case may be :-

- (a) A candidate who fails to score 40% of the marks separately as well as jointly with internal assessment in a paper, shall be placed in compartment in that paper. A student can be placed in compartment in maximum of four papers at any point of time in all the semesters taken together. The college shall verify the status while admitting student to third and/or fifth semester. The number of compartments after appearing in examinations of sixth semester may exceed four, however, the course must be completed within five years. If at the end of five years, a student has qualified all, but one paper, he shall be allowed one more chance to clear the paper.
- (b) If a student has failed to qualify more than four papers in a semester he/she shall leave the course. However, the student can appear in the next examination as a late college student without attending the classes. In such a case the original internal assessment shall remain the same. After qualifying the semester, he can resume studies for which, if need be an additional seat shall be created.

Admission Procedure for B.Com Semester-III

All candidates seeking admission in B.Com.-Semester-III in the department are required to fill online admission forms available at <http://admissionevening.puchd.ac.in> & submit a hard copy of the same supported by photocopies of all relevant documents. Incomplete Application Forms will not be considered in any case. Further, students will have to submit the original documents at the time of their Interview.

Admission Procedure for B.Com. Semester-V

All candidates seeking admission in B.Com.-Semester-V in the department are required to fill online admission forms available at <http://admissionevening.puchd.ac.in> & submit a hard copy of the same supported by photocopies of all relevant documents. Incomplete Application Forms will not be considered in any case. Further, students will have to submit the original documents at the time of their Interview.

Scheme of B.Com Course

Semester – I		Semester – II	
Course Code	Course Title	Course Code	Course Title
BCM 101 A	PUNJABI OR	BCM 201 A	PUNJABI OR
BCM 101 B	HISTORY AND CULTURE OF PUNJAB	BCM 201 B	HISTORY AND CULTURE OF PUNJAB
BCM 102	ENGLISH AND BUSINESS COMMUNICATION INTERDISCIPLINARY	BCM 202	ENGLISH AND BUSINESS COMMUNICATION INTERDISCIPLINARY
BCM 103	PSYCHOLOGY FOR MANAGERS	BCM 203	E-COMMERCE
BCM 104	BUSINESS ECONOMICS-I	BCM 204	BUSINESS ECONOMICS-II
BCM 105	PRINCIPLES OF FINANCIAL ACCOUNTING	BCM 205	CORPORATE ACCOUNTING
BCM 106	COMMERCIAL LAWS	BCM 206	BUSINESS LAWS
BCM 107	PRINCIPLES AND PRACTICES OF MANAGEMENT ENVIRONMENT AND ROAD SAFETY EDUCATION*	BCM 207	HUMAN RESOURCE MANAGEMENT

*This is a compulsory qualifying paper, which the students have to study in the B.A./B.Sc./B.Com. 1st Semester. The students are required to qualify this paper either in the first year, second year or third year of the course. The examination will be conducted by the University.

Semester – III		Semester - IV	
Course Code	Course Title	Course Code	Course Title
INTERDISCIPLINARY		INTERDISCIPLINARY	
BCM 301	ISSUES IN INDIAN COMMERCE	BCM 401	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT
BCM 302	COST ACCOUNTING	BCM 402	ADVANCED ACCOUNTING
BCM 303	COMPANY LAW	BCM 403	AUDITING AND SECRETARIAL PRACTICE
BCM 304	BUSINESS MATHEMATICS AND STATISTICS	BCM 404	COST MANAGEMENT
BCM 305	BANKING AND INSURANCE	BCM 405	MARKETING MANAGEMENT
BCM 306	INDIRECT TAX LAWS	BCM 406	QUANTITATIVE TECHNIQUES AND METHOD
Semester – V		Semester - VI	
Course Code	Course Title	Course Code	Course Title
BCM 501	INCOME TAX LAW	BCM 601	DIRECT TAX LAWS
BCM 502	MANAGEMENT ACCOUNTING	BCM 602	FINANCIAL MANAGEMENT
BCM 503	INDIAN ECONOMY	BCM 603	ISSUED IN FINANCIAL ACCOUNTING
BCM 504	PRODUCTION AND OPERATION MANAGEMENT	BCM 604	SOCIAL AND BUSINESS ETHICS
BCM 505	ENTREPRENEURSHIP AND SMALL BUSINESS	BCM 605	OPERATION RESEARCH
BCM 506	FINANCIAL MARKETS AND SERVICE	BCM 606	SECTORAL ASPECTS OF INDIAN ECONOMY

(III) Courses of Study for M.A. Classes

Eligibility for Admission in M.A. Semester-I

The eligibility conditions for admission to M.A. Semester-I are given in the general section of this Handbook. Students are however, advised to consult the 'University Calendar' for relevant regulation or detailed 'Syllabus, Courses and Regulation' for the class/subject concerned.

As prescribed in Part B, 7.1 of Rules for Admission in Hand Book of Information.

Admission Procedure for M.A. Semester-I

All candidates seeking admission in M.A.-Semester-I in the department are required to fill online admission form available at <http://admissions.puchd.ac.in> & submit a hard copy of the same supported by photocopies of all relevant documents. Incomplete Application Forms will not be considered in any case. Further, students will have to submit the original documents at the time of their Interview

The following are not eligible for Admission to M.A. courses in the Faculties of Arts and Languages:

- (a) If a student fails to pass M.A. Part/Semester-I or fails to appear in the examination even though he/she had requisite attendance, he/she be not allowed to seek re-admission in the Department for M.A. Part/Semester-I in the same subject. Such a student can appear examination as a private candidate as prescribed under the University regulation;

- (b) If a student fails to meet the prescribed attendance requirement, and is, debarred from sitting in the examination, or does not on his/her volition seek permission to sit in the examination he/she should be deemed to have failed in the examination. Such a student be not allowed to seek re-admission in the same Department;
- (c) If a student fail to earn promotion to the M.A. Part II or to the next Semester of M.A. for any of the reasons specified in Paras (a) and (b) above for two successive years, in the same or two different Departments, he/she should be debarred from seeking admission in any Department in the Faculties of Arts and Languages for the next two Years.
- (d) In order to ensure the implementation of the above conditions, the columns given in the Admission form, seeking information from the applicant on the course by him/her in the preceding three years must be filled by him/her.

If he/she leaves these columns blank, the admission form will be rendered invalid and if he/she make mis-statement or conceal relevant facts, his/her admission will be cancelled even if made.

The details of papers offered in M.A. Semester System

ENGLISH

SEMESTER-I Title of Paper

Paper- I : Literary Criticism I
 Paper-II : British Poetry
 Paper- III : British Drama I
 Paper-IV : British Fiction I

SEMESTER-II Title of Paper

Paper-I : Literary Criticism II
 Paper-II : British Poetry II
 Paper- III : British Drama II
 Paper-IV : British Fiction II

SEMESTER-III Title of Paper

Paper-I : Literary Theory-I
 Paper-II : Indian Writing in English
 Paper-III : American Literature-I (opt. iii)
 Paper-IV : World Poetry/Novel in Translation
 (opt.iii)

SEMESTER-IV Title of Paper

Paper-I : Literary Theory-II
 Paper-II : Indian Writing in Translation
 Paper-III : American Literature-II (opt. iii)
 Paper-IV : World Drama in Translation (opt. iii)

ECONOMICS

SEMESTER-I Title of Paper

Paper-I : Micro Economics-I
 Paper-II : Contemporary Issue in Indian
 Economy-I
 Paper- III : Quantitative Methods-I
 Paper-IV : Economics of Public Finance

SEMESTER-II Title of Paper

Paper-I : Micro Economics-II
 Paper-II : Contemporary Issue in Indian
 Economy-II
 Paper- III : Quantative Methods-II
 Paper-IV : International Economics

SEMESTER-III Title of Paper

Paper-I : Macro Economics-I
 Paper-II : Economics of Growth and
 Development-I

any two of the option for Paper-III & IV

opt (i) : Economics of Agriculture-I
 opt(ii) : Economics of Industry-I
 opt (iii) : Basic Econometrics

SEMESTER-IV Title of Paper

Paper-I : Macro Economics-II
 Paper-II : Economics of Growth and
 Development-II

any two of the option for Paper-III & IV)

opt(i) : Economics of Agriculture-II
 opt(ii) : Economics of Industry-II
 opt(iii) : Advanced Econometrics

POLITICAL SCIENCE**SEMESTER-I Title of Paper**

Paper-I : Western Political Thought-I
 Paper-II : Key Concepts in Political Analysis
 Paper- III : Indian Political System
 Paper-IV : International Relation: An Historical
 overview

SEMESTER-II Title of Paper

Paper-I : Western Political Thought-II
 Paper-II : Comparative Politics-I: Understanding
 Advanced Industrial Societies
 Paper- III : Indian Politics
 Paper-IV : Approaches to the study of
 International Relation

SEMESTER-III Title of Paper

Paper-I : Indian Political Thought-I
 Paper-II : Comparative Political System with
 Special reference to USA, UK, China
 & Switzerland
 Paper-III : International Organization (opt.a)
 Paper-IV : Public Administration (opt.h)

SEMESTER-IV Title of Paper

Paper-I : Indian Political Thought-II
 Paper-II : Foreign Policy of India
 Paper-III : Parties and Electoral Politics in
 India(opt.a)
 Paper-IV : Introducing Federalism (opt.e)

HISTORY**SEMESTER-I Title of Paper**

Paper-I : Ancient India: An Overview
 Paper-II : Medieval India: Political Processes
 Paper- III : Modern India: Political Processes
 Paper-IV : The Punjab (Mid-Fifteenth to
 Seventeenth Centuries)

SEMESTER-II Title of Paper

Paper-I : Agrarian Economy of Ancient India
 Paper-II : Punjab in the Eighteenth Century
 Paper-III : USA (1820-1973)
 Paper-IV : Modern World (1500-1900)

SEMESTER-III Title of Paper

Paper-I : Punjab in the Nineteenth Century
 Paper-II : National Movement in India (1858-
 1947) (opt.i)
 Paper-III : Constitutional development in
 Modern India (1773-1947) (opt.iii)
 Paper-IV : Sacred Centres in Indian Civilization
 Opt.(x)

SEMESTER-IV Title of Paper

Paper-I : Punjab in Twentieth Cenutry
 Paper-II : History & Historical Method Opt. (ii)
 Paper-III : Budhism in India Opt.(xi)
 Paper-IV : Islamic Traditions of Medieval India
 Opt. (xii)

PUNJABI

SEMESTER-I Title of Paper

Paper-I	: Punjabi Sahit Da Itihas
Paper-II	: Sahit Sidhant te Punjabi Alochana
Paper- III	: Punjabi Gurmat Kav
Paper-IV	: Punjabi Novel

SEMESTER-III Title of Paper

Paper-I	: Bhasha Vigyan ate Punjabi Bhasha
Paper-II	: Sabhyachar lok dhara ate Punjabi sabhyachar
Paper-III	: Adhunik Punjabi Kavita-I
Paper-IV	: Punjabi Natak ate Rangmanch da Adhyan-I

SEMESTER-II Title of Paper

Paper-I	: Adhunik Punjabi Sahit da Ithas
Paper-II	: Adhunik Pachmi Kav Sastra te Vivharik Alochna
Paper- III	: Madhkali Punjabi Kaav
Paper-IV	: Punjabi Novel da Adhiyan

SEMESTER-IV Title of Paper

Paper-I	: Bhasha Vigyan ate Gurmukhi Lipi
Paper-II	: Punjabi Lokdhara ate Lok Sahit
Paper-III	: Adhunik Punjabi Kavita-II
Paper-IV	: Punjabi Natak ate Rangmanch da Adhyan

Eligibility for M.A. Semester-III

Students who have qualified at least 50% of the total no. of papers in M.A. Semester-I & II are eligible to seek admission in M.A. Semester-III.

Admission Procedure for M.A. Semester-III

All candidates seeking admission in all M.A. Semester-III in the department are required to fill online admission forms available at <http://admissionevening.puchd.ac.in> & submit a hard copy of the same supported by photocopies of all relevant documents. Incomplete Application Forms will not be considered in any case. Further, students will have to submit the original documents at the time of their Interview.

Ph.D./Research Facilities

The Department faculty provides supervisory facility/research guidance to the eligible candidates for research leading to Ph.D. Degree. The Department as a Multi Disciplinary Research Centre offers enrolment/registration of the students for the Ph.D. programme in such subjects as English, Economics, History, Punjabi, Political Science.

Important Notes :

1. Students are advised to go through for the syllabi of their respective classes at P.U. website <http://puchd.ac.in>.
2. Optional papers shall be offered if a minimum number of 10 students opt for the same.
3. *"A regular candidate of an affiliated college may offer a subject, including Honours, in which his college is not affiliated, by attending the prescribed courses of instructions in that subject in another college affiliated in it; the Principal of the later college shall certify that the student has completed the prescribed number of lectures etc. The Principal of the college in which the student is enrolled shall report the student's name to Controller of Examination of the University for confirmation".* (Calendar Volume_II (2007) Rule 26, Page 330).

Co-curricular Activities & other facilities

1. Students interested in Sports should contact Mr. Rakesh Malik, Deputy Director, Directorate of Sports situated in the Gymnasium Hall.
2. The DES-MDRC promotes students' participation in cultural activities. The Department has an air-conditioned state of the ar "Principal P.L. Anand Auditorium".
3. The Departmental Library is fully air-conditioned and digitized having 20,000 approx. books. The DES-MDRC Library is networked with the Main A.C. Joshi Library and other Departmental Libraries of the campus through SLIM software.
4. NCC/NSS available for interested students.

Tutorial and Seminars

- (i) Provision of specific tutorials for Under-graduate as well as Post-graduate classe. Students are shown films/video lectures pertaining to the academic courses offered by the Department.
- (ii) Seminars/Conferences are held on the contemporary topics in order to sensitize the students.
- (iii) Special extension lectures by eminent scholars are organised.

UNIVERSITY SCHOOL OF OPEN LEARNING

About the School

The University School of Open Learning, formerly the Department of Correspondence Studies was established in 1971. It has since emerged as one of the premier institutes of distance and open learning to take education beyond the four walls of the University.

Housed in a sprawling building on the campus, this multi-faculty, multi-disciplinary school offers a wide range of courses. In addition to traditional under-graduate, post-graduate, diploma and certificate courses, the USOL offers an array of professional, innovative and value added courses to cater to the needs of an emerging knowledge society. The students enrolled for its courses have to undertake same curriculum, same examination and are awarded the same certificate/diploma/degree as their counterparts in the University or Colleges.

The study material comprising printed lessons (primarily in the self-instructional/self-learning mode) is prepared by subject experts. For the undergraduate courses, the study material is made available in English, Hindi and Punjabi. Keeping abreast of the latest developments, USOL has also initiated the dissemination of study material online. With almost 22,400 learners on its rolls, the USOL offers effective student learner support services like Personal Contact Programme, Book Bank, Educational Media Centre etc. It has a well stocked library (over 100,000 books) with computer facility, a computer lab, as also well equipped labs for Geography, Psychology, Defence Studies and Education. It also has a placement counselling and guidance cell. Above all, USOL has a highly qualified faculty which is actively involved in both teaching and research.

Faculty

COMMERCE

Particulars	Name	Field of Research Specialization
Professors	Lalit K. Bansal	<i>Accounting and Finance Financial Service</i>
	R. K. Gupta	<i>Accounting & Tax</i>
	Geeta Mangla Bansal	<i>HRM</i>
Assistant Professor	J.S. Rathore	<i>Marketing, HRM, General Mgt., Mktg.</i>

DEFENCE STUDIES

Professor	Meena Dutta	<i>Conflict Resolution and Defence</i>
-----------	-------------	--

ECONOMICS

Professors	Reena Bhasin	<i>Economics of Growth and Dev. & Quantitative Method</i>
	Harsh Gandhar	<i>Economics of Education, Public Expenditure/ Finance</i>
Associate Professor	Sangeeta Malhotra	<i>Economics of Agriculture</i>

EDUCATION

Associate Professor	Kuldip Puri	<i>Educational Philosophy & Sociology, Policy</i>
---------------------	-------------	---

Assistant Professors	Mamta Garg	<i>Distance Education, Teacher Education Quality Concerns in Education</i>
	Supreet Kaur	<i>Guidance & Counselling Career Psychology and Teacher Education</i>
	Kuljeet Kaur	<i>Guidance & Counselling Educational Psychology Language Teaching & Literature</i>
	Manju Gera	<i>Educational Technology, Research Methodology</i>
	Ram Mehar Jeesu Jaskanwar Singh	<i>Educational Technology, Educational Psychology Educational Technology. Guidance & Counselling</i>

ENGLISH

Professor	Praveen Sharda	<i>Critical Theory, Stylistics</i>
Assistant Professors	Ravinder Kaur	<i>British Fiction, American Literature, Dalit Literature, New Media Studies</i>
	Rajesh Kumar Jaiswal	<i>Cultural Studies, Critical Theory, Indian writing in English & Applied Linguistics</i>

GEOGRAPHY

Professor	Neelam Grover (Re-employed)	<i>Rural Settlement Geography</i>
Associate Professor	Harveen Pannu (Re-employed)	<i>Agricultural Geography</i>
Assistant Professor	Sucha Singh	<i>Agricultural Geography</i>

HINDI

Professor	Yojna Rawat Neeru	<i>Modern Fiction Modern Hindi Literature</i>
-----------	----------------------	---

HISTORY

Professor	Manju Malhotra	<i>Modern Punjab, Gender Studies and National Movement in India</i>
	Sheena Pall	<i>Socio-Cultural History of Modern Punjab</i>

PHILOSOPHY

Tutor-cum-Curator	Sudhir K. Baweja	<i>Indian Aesthetics Vivekananda Studies Branding & Media</i>
-------------------	------------------	---

POLITICAL SCIENCE

Professors	S.K. Shukla (Re-employed)	<i>International Politics & State Politics</i>
	Emanuel Nahar	<i>State Politics & Foreign Policy</i>
Assistant Professor	Kamla	<i>Human Rights</i>

PUNJABI

Professor	Jaspal Kaur Kang (Chairperson)	<i>Medieval Punjabi Literature, Gurmat Literature & Sahit, Punjabi Fiction</i>
Assistant Professors	Parveen Kumar	<i>Modern Punjabi Poetry</i>
	Harmail Singh	<i>History of Punjabi Literature</i>

PUBLIC ADMINISTRATION

Professors	Swinder Singh Pawan Kumar Kamra (Re-employed) Vijay Rattan (Re-employed)	<i>Administrative Theory Local Governance</i> <i>Research Methodology Indian Pol System Disaster Management</i> <i>Development Administration Local Governance</i>
Assistant Professors	Anil Kumar Purva Mishra	<i>Personal Administration</i> <i>Urban Local Governance & E-Governance</i>

SOCIOLOGY

Professor	Madhurima Mahajan	<i>Sociology of Violence Crime Disability Studies</i>
Assistant Professors	Rajni Reena Rani	<i>Sociology of Education, Development & Urban Socio Sociological Dimensions of Development, Perspectives & Concept</i>

STATISTICS

Professor	Ravi K. Mahajan	<i>Applied Statistics, Psychometric</i>
Assistant Professor	Richa Sharma	<i>Survival Analysis</i>

COURSES

Courses Offered (For admission to these courses separate Prospectus will be issued by USOL and separate advertisement will be inserted in the leading newspapers and it will also be available on www.usol.pu.ac.in for downloading the admission form):

A. Admission through Online Prospectus is open for the following courses :

I. Under Graduate Courses (Semester System)

1. Bachelor of Arts.
2. Bachelor of Commerce
3. Bachelor of Library & Information Science (B.Lib.) (One Year Course)
4. Bachelor of Education

Seats = 800

II. a. Diploma Courses (Semester System)

1. Postgraduate Diploma in Computer Applications (PGDCA)
2. Postgraduate Diploma in Human Rights & Duties (PGD. HR & D)
3. Postgraduate Diploma in Health, Family Welfare and Population Education
4. Postgraduate Diploma in Library Automation and Networking (PGDLAN)
5. Postgraduate Diploma in Mass Communication (PGDMC)
6. Postgraduate Diploma in Statistics (PGDSt.)

b. Certificate Courses

1. Certificate Course in Vivekananda Studies (Annual System)
2. Certificate Course in Women Studies (Annual System)

III. Masters Degree Courses (Semester System)

M.A.

1. (i) English (vi) Political Science
 - (ii) Hindi (vii) Public Administration
 - (iii) Punjabi (viii) Sociology
 - (iv) Economics (ix) Education (introducing from academic session 2016-17)
 - (v) History
2. M.Com. (Master of Commerce)
 3. M.B.A. (Executive) **Seats = 500**

(Our B.Ed. (Semester System) Course is recognized by N.C.T.E.)

Thrust Areas :

Thrust Area of USOL, the Multi-disciplinary development shall be on developing affordable, accessible and inclusive non-formal education system.

PANJAB UNIVERSITY REGIONAL CENTRE, MUKTSAR (ARTS)

About the Centre

The Panjab University Regional Centre was started in 1998 realising the responsibility towards the society in general and the development of the backward area in particular, Punjab Govt. and Panjab University decided to start a Regional Centre at Muktsar, which is an ideal place for the establishment of such Regional Centre.

About the Town

Muktsar is historic town having special value for Punjab and the Punjabies as it is the place where Sri Guru Gobind Singh Ji fought last battle with Mughal Rulers. It is situated in the centre of the Western Malwa Region which is known for its fertile land and rich crops. It is situated at a distance of 30 kms. from Malout, 60 kms. from Dabwali and Abohar, 55 kms. from Ferozepur, 35 kms. from Gidderbaha, 30 kms from Jalalabad and 28 kms. from Gurharsahai. It is approachable both by road and rail.

Faculty

Particulars	Name	Field of Research Specialization
Professor	P.S. Dhingra (Director)	<i>Punjabi Language & Linguistics</i>
Associate Professors	D.K. Singh Baljinder Kaur Manish Kumar	<i>Rural Movements in India</i> <i>Poetry and Fiction</i> <i>Pattern Recognition, Character Recognition</i>
Assistant Professors	Sujit Lahiry Darshan Singh Gurpal Singh Gurjaswinder Singh Nisha Jain Vinod Kumar Ravinder Kumar Rajesh Kumar Mishra Mohinder Kumar	<i>International Relations</i> <i>Linguistics Theory Poetry</i> <i>Criminal Laws</i> <i>Economics of Agriculture/Macroeconomics</i> <i>Indian Political System</i> <i>Money and Banking Public Finance</i> <i>Literary Criticism (Fiction) Literary Theory</i> <i>Indian Writing in English</i> <i>Java, Unix Programming, DBMS.</i>

PANJAB UNIVERSITY REGIONAL CENTRE, LUDHIANA

Panjab University Regional Centre has been established at the campus P.U. Extension Library, Ludhiana in the year 2003 on 2.75 Acres of land situated in the Civil Lines areas of Ludhiana. The then Vice-Chancellor took interest and fulfilled the long standing demand of the residents of Ludhiana, for quality Professional (Legal and Management) education by setting up this Regional Centre. A sum of Rs.100 lacs for the construction of the new building was arranged with the personal influence of then Vice-Chancellor from Sh. Lala Lajpat Rai, M.P. (Rajya Sabha) out of the M.P. Local Area Development Fund Scheme and the Institute was formally inaugurated by His Excellency the Governor of Punjab, Justice O.P. Verma on 05th October, 2003.

Faculty

LAW

Professor	Harmeet Singh Sandhu (<i>Hony. Director</i>)		
Associate Professor	Arti Puri (<i>Coordinator for LL.B</i>)		
Assistant Professors	Aman A. Cheema Shiv Kumar Dogra (<i>Coordinator for BA.LLB</i>) Harpreet Kaur Vohra Pooja Sikka	Aditi Sharma Neelam Batra Rajnish Saryal	Ashish Virk Vaishali Thakur Meera Nagpal
Part Time/Guest Faculty	Vandana Bhanot Sharwan Sehgal Saurabh Kumar Harjinder Kaur	Manjinder Kaur Sarita Paul Gurinder Pal Singh	Parveen Talwar Surender Kumar Manisha Garg

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
LL.M.	26+02 NRI	2 years (4 Semesters)	Admission based on CET for LL.M.
B.A.LL.B. (Hons.) 5 Years Integrated Course (Self Finance)	*87+08 NRI	5 years (10 Semesters)	Admission based on CET
LL.B. (3 year course (Self Finance)	*72+09 NRI	3 years (6 Semesters)	Admission based on O-CET

UBS

Professor	Harmeet Singh Sandhu (<i>Hony. Director</i>)		
Associate Professor	Ravi Inder Singh (<i>Coordinator for MBA</i>)		
Assistant Professors	Ashish Saijhpal Tarun K. Vashisth	Taranjeet Singh	Shashi Kapoor

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
MBA	57+09 NRI	2 years	Admission based on CAT

*Subject to approval of Competent authority

PANJAB UNIVERSITY SWAMI SARVANAND GIRI REGIONAL CENTRE UNA ROAD BAJWARA, HOSHIARPUR

About the Centre

Keeping with its long tradition of pursuing excellence in teaching and research, Panjab University, Chandigarh established a Regional Centre in the Kandi area of Punjab to cater to the academic needs of the rural students of the region. Earlier known as Swami Sarvanand Giri Regional Centre, this campus was renamed as Panjab University Swami Sarvanand Giri Regional Centre in the year 2011. Spread in picturesque environment near Shivalik foothills, the centre is a landmark donation of infrastructure spread in 10.86 acres of lush green area in the land of saints (Hoshiarpur) by Dr. Lajpat Rai Munger. The Centre was started with an aim to provide innovation and pre-eminence in the fields of Engineering and Research, conforming to the standards of Panjab University, Chandigarh. The Centre has been reinstated with several branches like University Institute of Engineering and technology (UIET), Department of Computer Science and Applications (DCSA) and University Institute of Legal Studies (UILS).

University Institute of Engineering and Technology (UIET), PUSSGRC, Hoshiarpur

UIET, Hoshiarpur offers Graduate Engineering programs (self financing) in four branches i.e. Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Information Technology (ITE), and Mechanical Engineering (ME). The institute has well qualified faculty committed to both academics and research. Some of the teachers also own DST/CSIR funded/sponsored research projects. The centre has well equipped infrastructure, self sufficient state-of-the-art laboratories and workshops. The secured campus offers 100% hostel accommodation for both boys and girls with Wi-Fi facility, Health Centre, Cafeteria, 20 Mbps Internet Connectivity (being upgraded to 100 MBPS) with Optical fibre Backbone, buses for transportation, 24 hours uninterrupted power supply through hotline etc. Apart from academics, UIET also promotes interaction at various levels among the students, the faculty and the experts from industry as well as organizations through National level conferences, symposiums and seminar on regular basis. The department also has a rich collection of library books with latest edition.

The institute has commendable placement record with students getting placed in reputed companies like Infosys, Infogain, Tech Mahindra, FCS Technologies, Aricent, Cognizant, IBM, HP, L&T and others. The campus has a proud alumni serving at good positions in various renowned organizations in India and abroad. Further, UIET has an MOU with Texas Instrumentals Ltd, Infosys for Campus Connect Program, Centre Institute of Hand tool, Jalandhar and Industry Institute Partnership with local Industries.

For channelizing the energy of the students, the campus also has NSS, Gymnasium and all other necessary sports amenities. It also houses an air conditioned auditorium with a seating capacity of more than 300 persons for academic and several cultural activities.

Faculty of Engineering

Professor	Harminder Singh Bains (Director)		
Assistant Professors	Meenu Bhagat Neeraj Sharma Gurpreet Singh Mandeep Singh Walia Suman Aman Kaura Sukhvinder Singh Bamber Rajeev Kumar Dang	Manu Dogra Gurinder Singh Prabha Sharma Suresh Kumar Harkamal Preet Singh Ankur Singh Kang Abhishek Chauhan Gaurav Saini	Jaswinder Singh Vinay Arora Naveen Dogra Jaspal Singh Satish Kumar Ravinder Kumar Pal Balwant Raj

Faculty on Temporary Basis	Kanwalpreet Singh	Ritika Arora	Monika
	Sukhpreet Kaur	Harpreet Kaur	Anish Sharma
	Gurpinder Singh	Harman Preet Kaur	Divya Sharma
	Ajay Kumar Saini	Gurwinder Singh	Shama Pathania
	Ramandeep Singh	Tanvi Sharma	
Guest Faculty	Isha Saini	Simpal Bahl	Dinesh Kumar

Admission

The admission to B.E. course at the University Institute of Engineering & Technology, Panjab University Swami Sarvanand Giri Regional Centre, Hoshiarpur, is made on the basis of merit list of JEE-Main Examination, 2016 along with Joint Admission of other Engineering Institutes of Panjab University at Chandigarh.

Courses Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
B.E.			
Electronics & Communication Engg.	63	4 years	Admission based on JEE-2016 Conducted by CBSE, New Delhi as per the guidelines issued by JAC-2016
Computer Science & Engineering	63	4 years	-do-
Mechanical Engineering	63	4 years	-do-
Information Technology	63	4 years	-do-

Note: - Candidate who have passed 10+2 examination from any other board not recognised by the Panjab University will not be considered for admission.

Department of Computer Science and Application (DCSA), PUSSGRC, Hoshiarpur

The inception of DCSA at PUSSGRC, Hoshiarpur was initiated by Panjab University, in the session 2007-08. The department has qualified, regular and competent faculty members with Ph.D., MCA (UGC NET) qualification. The DCSA has independent laboratory and class rooms for offering MCA course:-

Faculty of DCSA

Associate Professor	Satish Kumar		
Assistant Professors	Rajinder Singh	Rahul Jassal	Neeru Mago

Admission

The admission to MCA Course (self financing) at Panjab University Swami Sarvanand Giri Regional Centre, Hoshiarpur is made on the merit of P.U.-CET. (P.G.) 2016 conducted by Panjab University, Chandigarh.

Course Offered:

COURSE	SEATS	DURATION	ELIGIBILITY/ADMISSION CRITERIA
MCA	50+3 (E.W.S.)	3 years (6 Semesters)	The minimum qualification for admission to the first year of the Course shall be: (i) A recognized first degree of minimum three years duration in any discipline from

P.U. with at least 50% marks and with Mathematics at 10+2 or graduation level (all three years);

OR

(ii) B.C.A. from Panjab University with 50% marks

OR

(iii) Any examination recognized by the Panjab University as equivalent to any of above examinations (i) or (ii)

Admission based on P.U.-CET(P.G.)

University Institute of Legal Studies (UILS), Hoshiarpur.

The University Institute of Legal Studies (UILS) at Panjab University SSG Regional Centre, was established in the year 2007 with a humble mission to impart “Quality Legal Education” to the students from rural areas. The Institution provides B.A.LL.B 5 years Integrated course and LL.B 3 years course in regular morning session. This premier institution, since its inception, has been instrumental in producing brilliant lawyers to endear hard and selflessly to the service of the humanity.

The institute also provides practical training to LL.B. & B.A.LL.B students, which includes compulsory participation in two Moots, attachment with advocates in District Courts. Every year the students of the department are sent to the District courts, High courts as a part of the practical training programme.

Faculty of Law

Assistant Professors	Pooja Sood Kumari Monika Brajesh Sharma	Vinay Sharma Sunaina Dharam Pal Singh Punia	Sukhbir Kaur Ritu Salaria Savita Grover
Advocate Quota	Chander Shekhar Marwaha	Kamya Rani	
Guest faculty	Megha Dua	Leena Kaushal	Reena Sahota

Admission:

The admission to B.A.LL.B (Hons.) 5 year Integrated Course and LL.B at University Institute of Legal Studies, Panjab University Swami Sarvanand Giri Regional Centre, Hoshiarpur will be made on the merit of Entrance Tests conducted by Panjab University.

Courses Offered:

COURSE	SEATS	DURATION	ELIGIBILITY / ADMISSION CRITERIA
B.A.LL.B (Hons.) 5 year Integrated Course	60*	5 years (10 Semesters)	Admission based on CET (UG) - 2016 conducted by P.U. Candidates should have passed 10+2 examination with at least 50% marks (45% marks in case of SC/ST/BC) from any recognized Board/University (However, the candidates qualifying 10+2 through Open Universities system directly without having

any basic qualification for prosecuting such studies are not eligible for admission in the law courses..." Bar Council of India communication No. Le: Cir: 02/2010 dated 20.12.2010). The admission shall be on the basis of both the academic merit and entrance test.

LL.B.
(3 years course)

60*

3 years

(a) Those candidate who have passed/ appeared in Final year of Bachelor in any stream of P.U. with at least 45% marks (40% for SC/ST students)

Or

(b) A Bachelors degree in any faculty recognized as equivalent to corresponding degree of Panjab University with at least 45% of the aggregate marks (40% of SC/ST students) Provided that in case of candidate having Bachelors degree of the Panjab University of any other University recognized by the syndicate, through Modern Indian Languages (Hindi or Urdu or Punjabi) (Gurumukhi Script) and/or in a Classical Languages (Sanskrit or Persian or Arabic), the aggregate of 45% marks (40% for SC/ST candidates) shall be calculated by taking into account the percentage of aggregate marks that he/ she had secured at the language examination, excluding the marks for the additional optional paper English and the elective subject taken together.

Or

(c) A Master Degree in any subject from the Panjab University.

Or

(d) A Master's degree from any other University recognized as equivalent to the correspondence degree of the Panjab University.

Note: The applicants who have obtained 10+2 or Graduation/Post Graduation through open Universities system directly without having any basic qualifications for prosecuting such studies are not eligible for admission in LL.B. course.

Admission based on P.U –CET (PG).

*Subject to approval of the competent authority.

RULES FOR ADMISSIONS TO THE COURSES OFFERED BY THE UNIVERSITY TEACHING DEPARTMENTS/CENTRES/INSTITUTES

These rules shall govern admissions to all the Teaching Departments/Centres/Institutes of the University including those which offer Professional Courses viz., Dr. S.S. Bhatnagar University Institute of Chemical Engineering and Technology, University Institute of Engineering and Technology, P.U. Swami Sarvanand Giri Regional Centre, Hoshiarpur, P.U.R.C., Ludhiana, P.U.R.C., Muktsar, University Business School, UIAMS, National Centre for Human Genome Studies and Research, Environment Studies, Indian Theatre, Laws, U.I.L.S., Library & Information Science, School of Communication Studies, Music, University Institute of Pharmaceutical Sciences, Education, Physical Education, Computer Science & Applications, Biotechnology, Sophisticated Analytical Instrument Facility, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Institute of Educational Technology & Vocational Education, University Institute of Fashion Technology and University Institute of Hotel & Tourism Management.

It is, however, understood that wherever deviation from the rules is intended by way of making special provision, the latter shall override the former.

Whenever for admission to University Courses B.A./B.Sc./B.Com., is the minimum requirement, B.A./B.Sc./B.Com. shall mean the first degree obtained under 10+2+3 scheme.

Specifically :

- (i) The admission to first year of all the Postgraduate Courses including B.P.Ed., LL.B. etc. in which admission on the basis of graduation has been notified during 2016-2017 shall be made on the basis of 10+2+3 scheme.
- (ii) The First Degree obtained under the old scheme (14-year course) till April, 1995 will be treated at par with the First Degree under 10+2+3 scheme for the purpose of admission to these courses.

1. Schedule of admissions

- (a) The date-wise schedule of admissions shall be separately announced by the Department concerned, with the approval of the Dean of University Instruction, which shall be strictly observed.
- (b) This schedule shall contain the dates of posting the provisional merit list of candidates (framed according to rules), inviting objections, if any, interviews and admission/aptitude test, wherever applicable, display of lists of selected candidates, and of candidates placed on the waiting list and deposit of fee etc.

This schedule shall be prominently displayed on the Notice Board of the Department concerned before the process of admissions starts.

2. Seats : Open and Reserved

The number of seats in each course offered in the Teaching Departments, as announced in the Admission Notice/s, shall be strictly adhered to, except for such minor adjustment as may be necessary on account of rounding off fractions to accommodate reservations, as given below :-

- (A) Generally 55.5% of the seats in each course shall be treated as belonging to the Open Category.

(B) 44.5%* seats shall be treated as belonging to the Reserved Category, as per details given below :-

- (i) 15% for candidates belonging to the Scheduled Castes.
- (ii) 7.5% for candidates belonging to the Scheduled Tribes.

The above reservation shall be subject to the following conditions :

- (a) the number of students admitted on merit shall not be included in the number of seats reserved;
 - (b) members of Scheduled Castes/Tribes and Backward Classes shall be allowed a concession of 5% marks for admission to the courses in which a certain percentage of minimum marks has been prescribed provided they have obtained minimum pass marks prescribed by regulations;
 - (c) in case the seats earmarked for Scheduled Castes/Scheduled Tribes remain unfilled, a further relaxation in marks may be given, in order of merit inter-se amongst the candidates themselves, so that all the reserved seats are filled by candidates belonging to these categories. This, however, will not apply for M.B.B.S. admission; and
 - (d) A Scheduled Caste/Scheduled Tribe person on migration from the State of his origin will not lose his status as Scheduled Caste/Scheduled Tribe but he will be entitled to the concessions/benefits admissible to the Scheduled Castes/Scheduled Tribes from the State of his origin and not from the State where he has migrated. [Regulation 29.1, P.U. Cal. Vol. I, 2007 (Page 168)].
- (iii) 5% for candidates belonging to the Backward Classes.
(Restored by Syndicate vide Para 63, dt. 29.6.2010)
- (iv) 3% for Physically Handicapped candidates : Claimant in this category should be capable of pursuing the course for which the admission is sought. The handicapped candidates should have a minimum of 40% disability duly certified by the Medical Board of District/State/UT/Medical Institution of National Importance. Such certificate shall be further certified by the Medical Board of the Panjab University Health Centre.

Out of the 3% seats, 1% be earmarked for the blind and the persons with low vision in the courses where no practical are involved :

1. the blind persons be given admission straightway; i.e. they will be given priority over the Physically Handicapped candidates;
2. the blind persons be allowed to compete in General Category by allowing them 5 per cent marks over and above the marks actually obtained by them for determining their merit;
3. for admission to courses wherein age limit is specified, the blind persons be given a relaxation of 5 years in age;
4. for admission to courses based on Entrance Tests, the blind persons be treated at par with the SC /ST for earning eligibility for admission;

Visually Handicapped would mean :

Visual acuity of 6/60 with best correction in the better eye or any persons with visual fields of 20° or less in the better eye irrespective of the visual acuity.

*Any candidate who apply under reserved category should first be considered in general category.

- (v) 5% on the basis of achievement in Sports (see separate Guidelines).
- (vi) 5% (for all the under-mentioned categories taken together) for candidates who fall in one of the following categories (which are given here in order of precedence) :-
1. Sons/Daughters/Spouses of such defence personnel, para-military personnel like CRPF/BSF and Police personnel etc. who died in action while on duty. Only those who were wholly dependent on such personnel shall be considered.
 2. Sons/Daughters/Spouses as are wholly dependent on such Defence Personnel who were incapacitated/died while in service.
 3. Such Sons/Daughters/Spouses of ex-servicemen (Defence and Para-military personnel like CRPF/BSF etc.) as are wholly dependent on them.
 4. Defence personnel incapacitated* while in service.
 5. Such Sons/Daughters/Spouses of serving defence personnel and para-military personnel like CRPF/BSF etc. as are wholly dependent on them.
 6. Ex-servicemen**
 7. Serving defence personnel/paramilitary personnel like CRPF/BSF etc.
- Note :** Except in the case of Department of Laws, for admission to evening courses, categories 2, 3 and 5 under 2 (B) (vi) will not be considered, since the term “wholly dependent” will exclude such persons as are ‘employed’ or ‘self-employed’.
- (vii) 2% for Sons/Daughters/Husband/Wife/Brothers/Sisters of persons killed/incapacitated in November, 1984 riots and of persons killed/incapacitated in terrorist violence in Punjab and Chandigarh. A Certificate from the District Magistrate to this effect must be submitted by the candidate. Migrant Card alone is not enough.
- Note :** In case there will be any amendment/change in the existing clause, the same shall be notified and communicated to all concerned departments by the Deputy Registrar (Colleges).
- (viii) 2% for the Children/Grand children of freedom fighters who have been sanctioned pension by Central/State Govt. or awarded Tamra Patra by Government of India (Synd. Para 15 dated 30-5-1997) or those who have been certified to be freedom fighters by the Centre/State Govts.
- (ix) Any other statutory reservation as prescribed by the Govt. of India, if any.

*Incapacitation will mean incapacitation leading to the discharge of the person by authorities concerned.

**Ex-serviceman means a person who has served in any rank whether as a combatant or non-combatant in the regular Army, Navy and Air Force of the Indian Union :-

- (i) who retired from the service after earning his/her pensions; or
- (ii) who has been boarded out of the service on medical grounds attributable to military service or circumstance beyond his control and awarded medical or other disability pension; or
- (iii) who has been released from the service as a result of reduction in establishment; or
- (iv) who has been released from the service after completing the specific period of engagement, (otherwise than at his own request, or by way of dismissal, or discharge on account of misconduct or inefficiency) and has been given a gratuity.

Territorial Army Personnel of the following categories shall also be considered as ex-servicemen :-

- (a) Pension holders for continuous embodied service;
- (b) Disabled Territorial Army Personnel with disability attributable to military service;
- (c) Gallantry award winners.

Additional Seats :-

(a) Wards of Kashmiri displaced persons*.

- (i) 5% weightage be given and the merit be determined accordingly provided that the candidate fulfilled the minimum prescribed qualifications (including Entrance Test), wherever applicable, for all courses including Professional and technical courses of the University Teaching Departments and the affiliated colleges.
- (ii) 5% increase intake subject to maximum of 3 seats (to be treated as additional seat(s) per course at the entry point be made in all courses at under-graduate and post-graduate level in all the Arts and Science affiliated Colleges and Panjab University Teaching departments wherever the reservation policy approved by the University was applicable; and
- (iii) One additional seat over and above the sanctioned intake in the following Professional courses in the University & the affiliated Colleges be created:
 1. B.Ed.
 2. M.Ed.
 3. LL.B.
 4. B.A.LL.B. (Honours)
 5. LL.M.
 6. B.Lib.
 7. M.Lib.
 8. B.Pharm.
 9. M.Pharm.
 10. M.Mass. Communication
 11. M.C.A.
 12. M.B.A.
 13. M.Tech. (Inst.)
 14. M.Tech. (Micro-Electronics)
 15. M.Sc. (Bio-Tech)
 16. M.E. (Chem)
 17. B.E.
 18. All the new courses

(b) Wards of Martyrs/permanent disabled of Kargil War.

Concession be given for admission to various courses in Educational Institutions up to academic year 2020-21 only to those wards of martyrs/permanent disabled (up to 80% leading to incapacitation) of Kargil war who have a valid certificate from the Ministry of Defence to this effect and the same be entered in the pension Book of the family:

1. 1% seats with minimum of 1 seat in the Departments and affiliated Colleges except in partially financed/self-financing courses.
2. Exemption in fee.
3. Exemption in hostel fee.

(c) 2 Seats under Supernumerary Quota

A quota of 2 supernumerary seats for each college/institute approved by AICTE and UGC, under General and Engineering streams would be provided, for which the students would compulsorily have to apply through the web portal of AICTE. Admission of students under the supernumerary quota would be as per their option, subject to merit. Centrally Funded Institutes/Colleges are NOT covered under the Supernumerary Quota.

*Subject to approval of Govt. of India.

(d) One Girl Child out of the only two girl Children

1. *Two additional seats per unit per course subject to maximum limit of four (4) out of the two girl children from the session 2015-16 are created for admission to a given course in the Panjab University Teaching Departments, Regional Centres and its affiliated Colleges provided they are otherwise eligible from all angles. The additional seats will be only for those girl Children who are either a single girl child of her parents or one amongst the only two girl Children with no male Child. The additional seat will be available to only one of the two girl children of a couple.*
2. *An affidavit on a stamp paper worth Rs. 20/- duly attested by Ist class Magistrate, to be obtained from the parents of the girl children declaring therein that the benefit of this scheme is being claimed for only One Girl Child out of the two girl Children and the parent shall not claim the same for the 2nd girl child elsewhere in future the specimen of the affidavit is enclosed.*

(e) Cancer, AIDS and Thalassemia:

One additional seat each for the student suffers from Cancer, AIDS and Thalassemia has been allowed for admission in each course in the Panjab University Teaching Departments, Regional Centres and its affiliated Colleges subject to the condition that the candidate seeking admission under each of these categories if otherwise eligible from all angles. The claimant candidate will have to submit a certificate as a proof of from the National Medical Institute like PGI, AIIMS etc. in support of his/her claim.

(f) Two Additional Seats for Rural Area Students

Only those candidates will be considered in this category, which have passed their Matriculation and +2 examination from those rural schools that do not fall in the area of the Municipal Corporation/Municipal Committee/Small Town/Notified Area. Further, the candidates should have been studying in such school for atleast five years before passing the last examination. A candidate claiming such benefit will have to produce a certificate from the D.E.O./Principal of the concerned institute of the area certifying that the school from where the candidate has passed the Matriculation and +2 examination, falls within the aforesaid rural area.

(g) One Additional seat for Border Area Students

The Border area students shall mean those candidates who have passed their matriculation and +2 examination from the Border Area Schools situated within 20 kilometres from the International Border. A candidate claiming such benefit will have to produce a certificate from the Tehsildar or the Principal/Headmaster/Head of the School certifying that the School from where the candidate has passed the matriculation or +2 examination, falls within the aforesaid Border area.

(h) One Additional Seat for Youth Festival

One seat per unit for those candidates, who have excelled and outperformed by their participation in Inter Varsity Youth Festivals, National Festivals and International Festivals.

The benefit of additional seats under the aforesaid categories i.e. (d) & (e) will not be admissible to the students seeking admission in the courses falling under regulatory agencies such as MCI, DCI, BCI and NCTE.

Explanation :

While working out the percentage of seats in the reserved categories as given above, if the number arrived at contains a fraction, this shall be resolved as follows :-

If the fraction is 0.5 or more, it shall be rounded off to 1; if it is less than 0.5, it shall be ignored. This shall, however, not affect the total number of seats in the open category. To ensure this, if the total number of

seats after making this adjustment, exceeds the prescribed number fixed for the course, the necessary additional seats shall be created with the prior permission of the D.U.I./Vice-Chancellor. Such seats, if created, shall be treated as additional only for the year in question.

Illustration :

In a course which has 25 seats, the distribution of seats among the various categories will be as under :-

Open Category	SC	ST	BC	Sports	Military Personnel	Phy. Handi-capped	Riot Victim	Freedom Fighters	Total
14	4	2	1	1	1	1	1	1	26

It will be seen that this raises the total number of seats to 26. The 26th seat will be treated as additional in that course for that year only. The additional seat, if required to be created, shall be created only for the Reserved category and not for the Open category. Such additional seat, if remains unfilled, will not be converted to open category.

3. Eligibility Conditions

For admission under any of the categories, Open or Reserved, as given above, a candidate must be eligible. Eligibility shall mean the candidate's possessing the minimum qualifications as laid down in the relevant regulations contained in the Panjab University Calendar, Volume II, 2007 including amendments made therein from time to time and in the Handbook of Information 2016. For such courses admission to which is based wholly or in part on an entrance test/apititude test, eligibility shall also mean the candidate's having taken the test and qualified it.

4. Inter-Changeability and transfer of seats

- (a) In the Reserved categories given at (i) and (ii) under paragraph 2(B), i.e. Scheduled Castes and Scheduled Tribes, the seats shall be regarded as 'interchangeable'. That is to say, if a sufficient number of eligible candidates are not available to fill up the seats reserved for Scheduled Tribes, seats may be filled up from among the eligible candidates belonging to the Scheduled Castes, and vice-versa.
- (b) The seats in the reserved categories as remain unfilled shall be transferred to the Open category on 25-07-2016 (Monday) by 5.00 p.m. Any additional seat/s, if created for the reserved category, shall stand cancelled in such a case.

Note : The Departments where admission is based on Entrance Test/Aptitude Test, seats in reserved categories be included in the General Category right from the beginning of admission in case there were no candidate belonging to these categories having qualified the Entrance Test were available.

5. Admission based on JEE & CAT

- (a) The Entrance Test conducted by CBSE (JEE) Mains in May, 2016 for the following courses : B.E. (Chemical), B.E. (Food Technology), B.E. (Biotechnology), B.E. (Electronics & Communication), B.E. (Computer Science Engineering), B.E. (Information Technology), B.E. (Mechanical), B.E. (Electrical and Electronics) and Five year Integrated Course B.E. with M.B.A.
- (b) Admission to M.B.A. (Gen.), M.B.A. (International Business), M.B.A. (Human Resource) and MBA (Biotechnology), is based on CAT 2016 held in November, 2015.
- (c) Departments may conduct a test as part of admission process with the prior permission of the Dean of University Instruction.

6. Additional seats for Foreign Nationals/NRI candidates.

1. 10% seats over and above the total number of regular seats in each course reserved for the Foreign Nationals/NRI candidates. The decision of the Syndicate/Senate where the seats have already been granted more than the 10% seats will also prevail.
2. Candidates seeking admission under the Foreign Nationals/NRI Students category are required to submit their academic certificates as a proof of passing the qualifying examination for each course to which admission is to be sought. The minimum qualification for them would be same as per Indian students.
3. Foreign Nationals/NRI candidates seeking admission to the concerned course are required to compete amongst themselves for the seats for them by appearing in the Entrance Test (wherever applicable) if they are in India. However those living abroad at the time of entrance test will be exempted from the entrance test.
4. Foreign Nationals/NRI candidates shall have to comply with any other requirements prescribed by the Government of India and Panjab University from time to time.
5. The candidates seeking admission to B.P.Ed. (Physical Education) will be required to undergo mandatory Physical Efficiency Test. The scores of Physical Efficiency Test will be counted for determining merit.
6. Foreign Nationals/NRI candidates shall provide the academic certificate of passing the qualifying of equivalent examination as prescribed for each course to which admission is to be sought.

Further :

1. Seats in this category shall not be allowed to be converted into open category. Applicants who fail to get admission in the general category shall be eligible to compete for the seat in the NRI category provided the candidate give in writing his option for NRI category during the counselling for general category self, subject to fulfillment of other requirements/rules for admission in this category. The admission will be made in the NRI category on the basis of combined (i.e. including those who applied earlier and those who gives the option at the time of general counselling) merit list of this category.

A candidate admitted in NRI category may change his admission to vacant seat in general/reserved category provided :-

The candidate falls within the merit of admitted candidates in general /reserved category.

7.1 Admission to P.G. Courses in the Faculties of Arts and Languages.

ADMISSION TO M.A. PART I (Semester System)

REGULATION 11.1 GIVEN AT PAGE 91 OF P.U. CAL. VOL. II, 2007

Eligibility

A person who has passed one of the following examinations from this University, or from the Panjab University at Lahore before 1948, or from any other University whose examination has been recognised as equivalent to the corresponding examination of this University shall be eligible to join the first year (Part-I) class of the M.A. Course :

- (i) B.A. with Honours in the subject of the Post-Graduate Course;
- (ii) (a) Bachelor's Degree in any Faculty with atleast 50% marks in the aggregate;
(b) Diploma in Physical Education Examination or Post-Graduate Diploma in Library Science after having passed B.A. or B.Sc.;
- (iii) (a) The B.A. (Pass)/B.Sc. (Pass) Examination in full subjects, obtaining at least 45% marks in the elective subjects of the Post Graduate Course;
(b) or has obtained B.A. degree through English only regulations obtaining atleast 45 per cent marks in the subject of the Post-Graduate Course;

- (iv) Obtained B.A. degree, after passing the examination in an Oriental Classical Language or a Modern Indian Language with at least 45 per cent marks (out of the aggregate excluding the additional paper) at the Honours in Oriental Titles or Modern Indian Languages examination, in the subject of Post-graduate Course;
- (v) Master's degree examination in another subject or another faculty;
- (vi) The B.A. examination under Social Service Regulations or under War Regulations and has subsequently passed in the subject concerned at the B.A. examination obtaining at least 45 per cent marks;
- (vii) B.Sc. Honours School;
- (viii) For Gandhian and Peace Studies a person who has passed :

A graduate in any stream having 50% marks be allowed to take admission in M.A. 1st Semester in Gandhian and Peace Studies. However, a candidate having B.A. degree in any out of the following subjects with 45% marks is also eligible for admission.

- | | | |
|---|------------------|---------------------------|
| 1. Gandhian Studies | 6. Sociology | 12. Defence Studies |
| 2. Economics | 7. Geography | 13. Social Work |
| 3. Political Science | 8. Women Studies | 14. Public Administration |
| 4. History | 9. Human Rights | 15. Police Administration |
| 5. Ancient Indian History,
Culture and Archaeology | 10. Philosophy | |
| | 11. Psychology | |

- (ix) For History of Art, a person who has passed one of the following Examinations shall be eligible:-

(1) B.A. (Pass) examination with 45 per cent marks in any of the following subjects :-

- | | | | |
|---|--------------|------------------|----------------|
| (a) Art | (b) Music | (c) Psychology | (d) Philosophy |
| (e) Sociology | (f) Sanskrit | (g) History | (h) English |
| (i) Ancient Indian History, Culture & Archaeology | | (j) Home Science | |
| (k) Any one of the Modern Indian Languages/Classical languages. | | | |

(2) B.A. (Pass)/B.Sc. (Home Science) examination in second division with at least 50 per cent marks in the aggregate;

(3) B.F.A./Bachelor of Architecture examination with at least 45 per cent marks in the aggregate;

(4) Master's examination in any subjects.

Provided he qualifies in an aptitude test conducted by the Department of Fine Arts as per guidelines laid down by the concerned Board of Control.

- (x) For German a person who has passed :

(a) B.A./B.Sc. and Advanced Diploma Course in German of the Panjab University or an examination of another University/Board recognised by Syndicate as equivalent to Advanced Diploma Course in German of the Panjab University with 45 per cent marks in German.

OR

(b) B.A. examination with German as Elective subject from this University or an equivalent examination of another University with 45 per cent marks in the subject of German shall be eligible.

(xi) For Urdu a person who has passed :-

(a) B.A./B.Sc. with 50% marks

OR

(b) B.A. with Urdu as an elective subject with at least 45% marks.

OR

(c) B.A. and Advanced Diploma Course in Urdu with at least 45% marks.

(xii) For Russian a person who has passed :-

(a) Bachelor's degree with Russian as an elective subject from any recognized University/ College/Institution.

OR

(b) Advanced Diploma in Russian and Bachelor's degree in any discipline from any recognized University/College/Institution.

Provided that :

(a) For the Public Administration course, a person who has passed one of the following examinations shall also be eligible :-

B.A. (Pass) with 45 per cent marks in Political Science or Economics or Sociology or Psychology or History.

(b) For the Ancient Indian History, Culture & Archaeology course, a person who has passed B.A./B.Sc. examination with Philosophy or Political Science or Art or Music or Modern Indian Language or Geography or Mathematics or Sanskrit or Sociology or History or Public Administration or Economics or Psychology or Physics or Chemistry or Geology or Zoology or Botany obtaining at least 45 per cent marks shall also be eligible.

(c) For the Psychology Course :

(i) A Bachelor's degree obtaining at least 45 per cent marks in the subject and 50% marks in the aggregate for admission to Post Graduate Course.

(ii) B.A. with Honours in the subject of Psychology.

The evaluation system for M.A. (Psychology) will be external.

(d) For the Economics course, a person who has passed the B.Com. examination with 45 per cent marks in the subject of Economics shall also be eligible.

(e) For the Geography Course, a person shall be eligible only if :-

(i) he/she has passed in Geography in the B.A. or B.Sc. examination obtaining at least 45 per cent marks;

OR

(ii) has obtained Post-graduate Diploma in Cartography with at least second division.

(f) For Political Science and History course, a person who has passed B.A. with 45 per cent marks in Public Administration or Sociology, shall also be eligible.

(g) For Fine Arts course, a person who has passed :-

(1) B.A. Fine Arts examination of this University with 45 per cent marks;

OR

- (2) B.A. degree with–
(i) 50 per cent marks in the aggregate; and
(ii) Fine Arts as one of the subject;

OR

- (3) B.A. degree with at least 45 per cent marks in the subject of Fine Arts, shall also be eligible.
- (h) For Philosophy Course;
A person who has passed B.A. with 45% marks in Psychology, Political Science, Economics, Sociology, Mathematics or Physics; shall also be eligible.
- (i) For M.A. Part I (French) a person who has passed :
(i) B.A./B.Sc./B.Com./B.B.A./B.C.A. or Honours (under 10+2+3) and Advanced Diploma Course in French with at least 45% marks from the Panjab University or any other University.

OR

- (ii) B.A./B.Sc./B.Com./B.B.A./B.C.A. (under 10+2+3 system of education) with at least 45% marks in French elective or Honours (under 10+2+3 system of education) from the Panjab University or any other University.

OR

- (iii) B.A./B.Sc./B.Com./B.B.A./B.C.A. or Honours (under 10+2+3 system of education) and have cleared Add-On Advanced Diploma Course in French (3 years Course) will at least 45% marks will have to clear a department level entrance examination.

In addition, this be also noted under 2.1 at page 78.

Provided that :-

A candidate shall apply for M.A. in French only if he has the knowledge of the language as clarified in 3.1 (i) at page 79.

- (j) For M.A. Hindi Part I examination 45 per cent marks in Sanskrit (Elective) or Shastri examination (New Course) are also accepted.
- (k) For Hindi/Panjabi/Urdu course, a person who after passing B.A. examination, has passed the Prabhakar/Gyani/Adib Fazil examination securing 45 per cent marks (out of the aggregate excluding the additional paper), shall also be eligible.
- (l) For M.Sc. Statistics Course, a candidate shall be eligible only if he/she has passed B.A./B.Sc. (General and Honours) with Statistics/Mathematics obtaining either at least 50 per cent marks in the aggregate or at least 45 per cent marks in Statistics/Mathematics.
- (m) A person who has passed Diploma in Adi Granth Acharya/Guru Granth Acharya examinations shall also be eligible to join M.A. course (Part-I) in the subject of Hindi, Sanskrit and Punjabi.
- * (n) For M.A. Sanskrit Part-I Course, a person who has passed 'Shastri Examination either under 3-year (10+2+3) Degree Course New Scheme or under the Old Scheme (10+1+3) Degree Course.

*This would be applicable w.e.f. the Academic Session 1992-93 instead of 1991-1992.

- (o) For Defence Strategic Studies course :
- (i) Candidate shall offer Defence & Strategic Studies who had passed Defence & Strategic Studies/Military Science at graduate level;
 - (ii) had passed Bachelor's Degree in allied subjects History, Political Science, Economics, Sociology, Psychology, Geography, Geology, Public Administration in Faculty of Arts/Social Sciences;
 - (iii) had passed their qualifying examination in other subjects/Faculties and;
 - (iv) Candidates belonging to the Armed Forces (i.e. Army, Navy & Air Force) after having put in five years of regular service provided they have passed the graduation examination.
- (p) For Women Studies course :
- A person who possesses one of the following qualifications shall be eligible to join-
- (i) Bachelor' degree in any Faculty with at least 50% marks in the aggregate;
 - (ii) B.A. (Pass) with at least 45% marks in Women's/Gender Studies or Public Administration or Political Science or History or Economics or Sociology or Psychology or Gandhian Studies or Geography or Philosophy. The candidates with these subjects be given preference in admission.
- (q) For M.A. in Human Rights and Duties (Semester System) :
- (i) B.A. obtaining 45% marks in any of the Social Science disciplines OR
 - (ii) M.A. in any of the Social Science disciplines OR
 - (iii) Bachelor's degree in any discipline/Faculty with at least 50% marks.
- (r) For Master's in Public Health (Semester System) :
- Bachelor's degree in any discipline/Faculty with at least 50% marks.
- (s) Master in Social Work (MSW)
- (i) Bachelor in Social Work or Bachelor in Arts with Sociology or Psychology as one of the subjects from any University reconized by U.G.C. with a minimum aggregate of 50% marks. OR
 - (ii) Master in Sociology or Psychology or Social Anthropology from any University recognized by U.G.C. with 50% marks in aggregate.
- Other eligibility conditions shall be as per P.U. Regulations and Rules.
- (t) For M.A. Police Administration (Semester System) :
- (i) B.A. obtaining 45% marks in any of the Social Science disciplines; OR
 - (ii) M.A. in any of the Social Science disciplines; OR
 - (iii) Bachelor's degree in any discipline/Faculty with at least 50% marks.

Nominated candidate should be graduate police officer of the rank Sub-Inspector or above with five years of service.

Any serving Police Officer/Official who is eligible otherwise can also seek admission without nomination/sponsorship.

Nominating/Sponsoring authority

1. Director General, Bureau of Police Research & Development, New Delhi.
 2. Director General of Police, Punjab.
 3. Director General of Police, Haryana.
 4. Inspector General of Police, Chandigarh.
 5. Director General of Police, Himachal Pradesh.
 6. Director General, Border Security Force, New Delhi.
 7. Director General, Central Reserve Police Force, New Delhi.
 8. Director General, Central Industrial Security Force, New Delhi.
2. The requirement of having obtained 45 per cent marks in the subject of Post-graduate course, shall not apply to a candidate who passed—
- (a) B.A. or B.Sc. examination from Panjab University, Lahore before 1948, or Honours in Oriental Classical Language or a Modern Indian Language examination from Panjab University, Lahore, for which the record is not available in this office but must have offered at the B.A. examination the subject of the Post-graduate course and for this purpose he shall have to furnish an affidavit; and
 - (b) B.A. or B.Sc. examination from this University in the year for which the record of detailed marks is not available in this office, but must have offered at the B.A. examination the subject of Post graduate course.

Explanatory Note :—67 marks out of 150 shall be accepted as 45 per cent in the subject of Post-graduate course.

7.2 The following are not eligible for admission to M.A. courses in the Faculties of Arts and Languages :

- (a) If a student fails to pass M.A. Part/Semester-I or fails to appear in the examination even though he/she had requisite attendance, he/she be not allowed to seek re-admission in the Department for M.A. Part/Semester-I in the same subject. Such a student can appear in the same examination as a private candidate as prescribed under the University regulations;
- (b) If a student fails to meet the prescribed attendance requirement, and is, therefore, debarred from sitting in the examination, or does not on his/her own violation seek permission to sit in the examination he/she should be deemed to have failed in the examination. Such a student be not allowed to seek re-admission in the same Department;
- (c) If a student fails to earn promotion to the M.A. Part-II or the next semester of M.A. for any of the reasons specified in Paras (a) and (b) above for two successive years in the same or two different Departments, he/she should be debarred from seeking admission in any Department in the Faculties of Arts and Languages for the next two years;

- (d) In order to ensure the implementation of the above conditions, the columns given in the Admission Form, seeking information from the applicant on the course(s) attended by him/her in the preceding three years, must be filled by him/her.

If he/she leaves these columns blank, the admission form will be rendered invalid and if he/she makes mis-statement or conceals relevant facts, his/her admission will be cancelled even if made.

7.3 Preparation of Merit Lists/Normalisation of Marks.

Admission to both the (Open and Reserved) categories of seats shall be on the basis of merit within each category and the merit list shall be prepared as per these Rules.

The basis for preparation of the provisional merit list shall be as follows :

Marks of other Universities will be normalized to 2400 marks which are 3 years aggregate marks of B.A./B.Sc. (Gen.) of Panjab University. Similarly marks obtained by the candidates in the relevant subject will be normalized to 600 marks which is the total of 3 years aggregate marks of B.A./B.Sc. (Gen.) of elective subjects of Panjab University. The normalization procedure is explained below :-

- (a) The marks obtained by a candidate in B.A./B.Sc. will be normalized on the basis of an aggregate. For example, if a student has scored 495 marks out of total of 900 marks in B.A./B.Sc., his normalized aggregate marks (out of 2400) would be :-

$$\frac{495}{900} \times 2400 = 1320$$

These marks will be denoted by **X** and called the **Basic Merit Marks**.

- (b) The marks in the relevant subject (i.e., the subject in which the admission is sought) will be normalized by changing the marks allotted to the relevant subject to 600 in order to give advantage of the subject to a candidate.

For example, if a candidate has obtained 240 marks out of 300 in the relevant subject, then the normalized marks in the subject would be :-

$$\frac{240}{300} \times 600 = 480 \text{ out of } 600$$

These may be denoted by **Y**.

Some universities award B.A./B.Sc. degree on the basis of aggregate marks of B.A./B.Sc. 2nd and 3rd years. In that case the aggregate marks and the marks of the relevant subject in which the applicant is seeking admission, will be considered on the basis of marks obtained in B.A./B.Sc. 2nd and 3rd years only for calculation of the basic merit marks and in the relevant subject.

In some cases, there could be students who have not studied the relevant subject, or the study of the subject is too elementary to be equated with the standard of B.A./B.Sc. level of Panjab University in the subject in which they are seeking admission in Post-graduate course. For such category of students **Y** is taken to be zero.

Candidates having passed B.A./B.Sc. from other universities with 4 elective subjects in addition to optional subjects at B.A./B.Sc. level shall not be given any credit under **Y**, i.e. **Y** shall be taken to be zero.

- (c) (i) Candidates who have passed B.A./B.Sc./B.Com. with Hons. either from Panjab University or from any other University would be **given 15% weightage** of the basic merit marks **X** obtained for the purpose of admission in Post-graduate course in the subject in which Honours examination was passed. Similar weightage would be given to candidates who have passed B.A./B.Sc./B.Com. examination according to Hons. School like system specializing in one subject in which the admission is sought for the P.G. course.

Explicitly this weightage would be denoted by **Z** and calculated as follows :

$$Z = X \times \frac{15}{100}$$

- (ii) Candidates who have passed a Special Degree from another University will be treated at par with B.A. Examination of Panjab University with Honours in the relevant subject provided the B.A. Special Degree is recognized as equivalent to the corresponding B.A. with Honours Degree of Panjab University in the relevant subject.

(iii) **For admission to M.A. Economics:**

In the department of Economics, those students who have studied economic less than 25% of the aggregate marks at the undergraduate level of the Panjab University or any other recognized University, will be considered as having studied inadequate economics, therefore, the student will be awarded zero out of 600 marks;

students with B. Com. (Hons.) in Economics/Business Economics will not be considered equivalent to B.A. (Hons.) in Economics given the fact that the students with B.A. (Hons.) in Economics study four extra papers while students with B.Com. (Hons.) in Economics/Business Economics study only two extra papers for attaining their Hons. Degree. **Therefore, students with B.Com. (Hons.) in Economics/Business Economics are not to be considered for 15% Weightage for Honours while seeking admission to M.A. in Economics at the Department of Economics, Panjab University, Chandigarh.**

In the **Department of Evening Studies**, the weightage for the subject “Economics” will be given to those who have studied economics as one of their subject at Undergraduate level or who have done B.Com. from Panjab University or any other recognized University.

- (d) Where no test is required for admission, the **final Merit marks** of a candidate would be **X+Y+Z+ other weightages** as prescribed at 16.1 and 16.2. Other weightages as prescribed at 16.1 and 16.2 would be calculated on the basic merit marks **X**.

The departments shall prepare only one merit list after giving prescribed weightage to the concerned subject.

8. Admission based on Entrance Test conducted by Panjab University.

8.1 P.U.-CET-(U.G.) ONLINE ADMISSIONS-2016

For Admission to :

B.Pharm.
B.Sc. (Honours School)

There shall be Centralised admission to the following course being offered by the Teaching Departments of P.U. :-

- | | |
|--|----------|
| 1. University Institute of Pharmaceutical Sciences | B.Pharm. |
|--|----------|

2. Science Departments

B.Sc. (Hons. School)

- (i) Anthropology
- (ii) Biochemistry
- (iii) Bio-Physics
- (iv) Biotechnology
- (v) Botany
- (vi) Chemistry
- (vii) Geology
- (viii) Microbiology
- (ix) Physics
- (x) Physics & Electronics
- (xi) Zoology

3. Department of Mathematics

- (i) Mathematics

The admission to all the above courses will be made on the basis of the score obtained in the P.U. CET-(U.G.)-2016 conducted by the Panjab University, Chandigarh on 22-05-2016 and marks obtained in 10 + 2 examination, provided the candidates are otherwise eligible for admission to the institution in terms of the eligibility conditions as mentioned in the prospectus.

The admission to B.Pharm & B.Sc. (H.S.) courses, will be based on the merit list prepared on the basis of the total of 25% marks obtained in +2 examination and 75% marks obtained in P.U. CET-(U.G.) conducted by Panjab University.

8.2 B.A./B.Com. LL.B. (Hons.) FIVE YEARS INTEGRATED COURSE ONLINE ADMISSIONS-2016

For Admission to :

B.A.LL.B. (Hons.) Five year Integrated Course

B.Com. LL.B. (Hons.) Five year Integrated Course

The admission to B.A.LL.B. (Hons.) Five year integrated Course, B.Com. LL.B. (Hons.) Five year Integrated Course, will be based on the merit prepared on the basis of total of 50% marks obtained in +2 examination and 50% marks obtained in the Entrance Test conducted by the Panjab University.

NOTE : The candidates having compartment in 10+2 examination held in March 2015 will not be eligible for admission in the course. The candidates who do not appear in Entrance Test or who do not qualify Entrance Test shall not be considered for admission.

Candidates desirous of seeking admission against Foreign Nationals/PIO/NRI seats to B.A.LL.B. (Hons.) Five years integrated Course, B.Com. LL.B. (Hons.) Five years integrated Course, B.Pharm. and B.Sc. (Honours School) courses, who are present in India, will compete amongst themselves for the seats created for them by appearing in the Entrance Test. However, those living abroad at the time of Entrance Test will be exempted from the Entrance Test. They have to comply with the requirements of Govt. of India, U.T. Administration, Chandigarh if any, as well as Panjab University, Chandigarh as prescribed by them from time to time.

8.3 PUTHAT (ON LINE ADMISSIONS) (Panjab University Tourism and Hospitality Aptitude Test 2016) for Admission to :-

- (i) B.Sc. (Hotel Mgt. & Catering Technology)
- (ii) B.Sc. (Tourism & Travel Management)

ELIGIBILITY CONDITIONS :

The Panjab University Tourism and Hospitality Aptitude Test (PUTHAT) shall be open to all such candidates who have passed (up to the Academic Session 2014-2015) in the 10+2 Examination of the Central Board of Secondary Education, New Delhi or its equivalent Examination conducted by a recognized Board/ University/Council **with not less than 50% marks in the aggregate and English as one of the Compulsory Subjects.**

The eligibility of a candidate will be provisional at every stage of the admission process. It will be the responsibility of the candidate to ensure his/her eligibility and fulfillment of various conditions for admission as prescribed in the rules/regulations of Panjab University. Admission will be cancelled at any stage in case the candidate is not found eligible, even subsequently.

CRITERIA FOR ADMISSION

The admission to both the above courses will be on the basis of the Merit of Panjab University Tourism and Hospitality Aptitude Test (PUTHAT) to be conducted by Panjab University.

8.4 Admission based on P.U.-LL.B.-2016 (3 year Course)-

For Admission to :

LL.B. (3 year Course)

Eligibility would be as stated in P.U.-LL.B.-2015. Prospectus and criteria for admission to the aforesaid course, will be based on the merit prepared on the basis of total of 50% marks obtained in the qualifying examination and 50% marks obtained in the Entrance Test conducted by the Panjab University.

8.5 Admission based on P.U.-CET (P.G.)-2016

Entrance Test P.U.-CET (P.G.)-2016 for Admission to :-

LL.M., M.C.A., M.A. (Journalism and Mass Communication), Master in Public Health, M.A. (English), Geography, Disaster Management, Remote sensing & GIS, Master of Social Works, M.Tech. (Nanoscience and Nanotechnology), M.E. (Chemical), M.E. (Food Technology) M.E. (Chemical with Specialization in Environmental Engg.) M.Tech. (Polymer), M.Sc. (Industrial Chemistry), M.E. Electrical Engg. (Power System), M.Tech. (Material Science & Technology), M.E. (Biotechnology), M.Com. (Hons.), Master of Business Administration for Executives (MBAfEX) M.P.Ed., B.P.Ed., M.Sc. Hons. School : Biochemistry, Biophysics, Computer Science, Mathematics, Physics & Electronics, M.Sc. 2-Year Course : Environment Science, Human Genomics, Nuclear Medicine, System Biology & Bio Informatics, Microbial Biotechnology, Medical Physics, M.Sc. (Hons. School/2-year course) : Biotechnology, Botany, Chemistry, Physics and Zoology.

Eligibility would be as stated in P.U.-CET (P.G.)-2016 Prospectus.

- (i) **Criteria for admission to the aforesaid courses [(except LL.M. M.A. in Journalism & Mass Communication M.Com. (Hons.) and MBAfEX] is as under :**

The candidate should have passed the Written Entrance Test conducted by Panjab University, Chandigarh. The merit list will be prepared considering the marks obtained in the Entrance Test and the Qualifying Examination as per the following criteria :

Written Entrance Test	: 50%
Qualifying Examination	: 50%

Academic and other weightage(s), if any, will be based on the percentage of marks obtained by the eligible candidates in the Qualifying Examination as prescribed in Section 16.1. The candidates will have to appear for a personal interview as per the merit list. However, there will be no marks awarded for the interview.

Illustration :

- (a) The above criteria mean that if the total marks for admission are taken as 100, there will be 50 marks for his/her performance in B.A./B.Sc./B.Com. and 50 marks for the Entrance Test 2015. If a candidate has obtained 1200 out of 2400 marks, his/her marks out of 50 would be 25.

$$\frac{1200}{2400} \times 50 = 25$$

These are referred to as the **Basic Merit Marks** of the candidate.

Further if the candidate gets 60 marks out of 75 in the Entrance Test, his/her merit marks would be 40 out of 50.

$$\frac{60}{75} \times 50 = 40$$

His/her total merit marks would become 25+40=65 out of 100.

- (b) If the candidate who has passed B.A./B.Sc. Examination with Hons. or from Hons. School like system specializing in the respective subject he/she be given an additional weightage of 15% on the Basic Merit Marks of the qualifying examination (i.e. marks obtained out of 50) e.g.

If the candidate obtained 1200 marks out of 2400 his/her weightage under this clause would be :

$$\frac{1200}{2400} \times 50 \times \frac{15}{100} = 3.75$$

His/her total merit marks after adding weightage would get to 25+40+3.75=68.75.

(ii) LL.M. (One Year)

Criteria :

Written Entrance Test	: 80%
Qualifying Examination	: 20%

(iii) M.A. Journalism and Mass Communication (2-Year Course)

Criteria :

Written Entrance Test	: 50%
Qualifying Examination	: 50%

The total marks for Entrance Test are 75, which have been split up as under :

- | | | |
|-------|----------------------------|----|
| (i) | Marks for Written Test | 65 |
| (ii) | Marks for Group Discussion | 5 |
| (iii) | Marks for Interview | 5 |

The aggregate marks obtained above will be normalized to marks scored out of 50.

Notes :

1. Only those candidates will be called for group discussion & interview, in order of merit, who have secured a minimum of 20% marks in the Written Test except in case of candidates belonging to Scheduled Castes/Scheduled Tribes who must secure a minimum of 15% marks.
2. The number of candidates called by the department for group discussion/interview shall be five times the number of seats in each category if the number of candidates is very large.
3. Should any category not have five times the number of candidates then all the candidates in that particular category shall be called for Group Discussion and Interview.
4. The candidates called for Group Discussion and Interview will have to produce Detailed Marks Card (DMC) certificates in original before the commencement of Group Discussion/Interview, failing which they shall not be allowed to participate in the Group discussion and interview.

(iv) M.Com. (Hons.) & MBAfEX

Criteria :

The weightage is prescribed as under:-

(a) Entrance Test PU CET (PU)	-	85%
(b) Group Discussion	-	7.5%
(c) Personal Interview	-	7.5%

8.6 Eligibility condition for B.Sc. (Hons. School) 2nd year and 3rd year :

- (a) A student will be eligible to seek admission to B.Sc. (Hons. School) 2nd year only if he/she has passed B.Sc. (Hons. School) 1st year Examination.
- (b) A student will be eligible to seek admission to B.Sc. (Hons. School) 3rd year only if he/she has passed B.Sc. (Hons. School) 2nd year Examination.

(Syndicate Para 5, dated 27.4.2002)

9. For Promotion to B.Sc. (Hons. School) and M.Sc. (Hons. School) Courses :

- (i) The candidates of B.Sc. Hons. School shall have to qualify the minimum 50% of the total papers/credits attended by the candidates at the end of the 2nd and 4th semesters to be promoted to next year.
- (ii) The candidates of M.Sc. Hons. School shall have to qualify the minimum 50% of the total papers/credits for promotion to second semester.

Note : A candidate can take admission in M.Sc. (Hons. School) only after one qualifies in all the papers of six semesters of B.Sc. Hons. School.

10. MBA (Full time), MBA (H.R.), MBA (I.B.) & MBA (Biotechnology)

The weightage has been prescribed as under :

(i) Written test CAT Score	=	85% (of the percentage of CAT Score)
(ii) Group Discussion	=	7.5%
(iii) Personal Interview	=	7.5%

11. M.A. (Education)

A person who have passed one of the following examinations from this University or from any other University whose examination has been recognized as equivalent to the corresponding examination of this university shall be eligible to join the First year (Part I) class of the M.A. course.

- (i) For Indian Nationals :

A graduate in any discipline/stream with 50% marks from recognized Indian Universities with B.Ed.

OR

The students who have studied Education; or Philosophy; or Psychology; or Sociology as an elective subject or honours course at first or second degree level with 50% marks.

- (ii) A student having 50% marks in the qualifying examination or equivalent grade from Foreign University having equivalent graduate degree certified by the Association of Indian Universities (AIU).

(Syndicate Para 22, dated 4.12.2009).

12. Admission to Master Courses on the basis of Aptitude Test

In the event, the Board of Control/Advisory Committee desires to conduct aptitude tests at the Department level for admission to M.A. Part-I class, the following procedure will be followed (besides the rules/regulations of Panjab University governing eligibility, equivalence and admission in a particular subject) :

- | | | | |
|------|----------------------------|---|-----|
| (i) | Aptitude Test | : | 40% |
| (ii) | Academic weightage | : | 60% |
| | (a) 10 th Class | : | 10% |
| | (b) 10+2 Class | : | 10% |
| | (c) B.A./B.Sc./B.Com. | : | 40% |

Note : Aptitude test will be of one hour duration based on the syllabus of B.A. (in concerned subject) of Panjab University.

12.1 M.A. (Music Vocal/Instrumental) :

Only those candidates who qualify the Aptitude Test by securing at least 50% marks, i.e. 20 out of 40, will be eligible for admission.

A candidate shall opt the subject only if (a) he/she has passed in that subject in the B.A. examination or (b) is working as an approved teacher of Music in a recognised Higher Secondary School or in an affiliated college.

12.2 M.A. (Indian Theatre) :

For admission to M.A. (Indian Theatre) the criteria will be as follows :

- (i) Objective Type Written Test to be conducted by the Dept. 30 Marks (Only those candidates who secure at least 50% marks in the Objective Type Written Test will be allowed to appear in the Specially Designed Performance Test).
- (ii) Specially Designed Performance Test to be conducted by the Dept. 70 Marks (Only those candidates who qualify Objective Type Written Test and Specially Designed Performance Test by securing at least 50% marks in both, will be eligible).

12.3 M.A. in Police Administration & Human Right & Duties

Admission will be through Qualifying examination and Entrance Test to be conducted at departmental level. Candidates satisfying the eligibility requirements will be assessed for selection through the following selection procedure.

- (a) Qualifying Examination : 50% weightage
- (b) Entrance Test : 50% weightage

(A) Qualifying Examination

The candidate's merit list will be prepared by normalizing the total marks obtained by the candidates in the Graduation (BA/B.Sc./B.Com. etc.) out of 50.

It is to be illustrated as under :

If a candidate has obtained 1200 (marks) out of 2400 (Grand Total) his/her marks would be

$$\frac{1200}{2400} \times 50 = 25$$

(B) Entrance Test

Entrance test will comprise of :

- | | |
|---------------------|--|
| | <i>For Police Administration &
Human Rights and Duties</i> |
| 1. Written Test | 30% weightage |
| 2. Group Discussion | 10% weightage |
| 3. Interview | 10% weightage |

Written Test

All candidates are required to secure minimum of 35% marks in Entrance test (i.e. Written test, Group discussion and Personal interview) to qualify for admission. The written test will be of 50 objective type questions. The duration of the test will be of 40 minutes. The medium of examination is English only. The Entrance test paper is designed to assess the aptitude of the candidate for Social Work.

12.4 Five Years Integrated B.Sc. & M.Sc. in Fashion & Lifestyle Technology

- 1. An aptitude test to assess the skill of candidates in free hand drawing, 3D sketching, designing Creative and general ability needed for this course.
- 2. Communication skills will be tested through an interview.
- 3. Distribution of marks for the aptitude test, interview and academics will be as follows :

Academics	:	20%
Preference Criteria	:	10%
Aptitude & Objective Test	:	60%
Interview	:	10%

12.5 Diploma in Translation Hindi to English (Hindi Deptt.)

Computation of Marks :

1.	Qualifying Marks (B.A./B.Sc./B.Com. etc.)	50% weightage
2.	Written Test	50 marks
		Total (Out of 100 Marks)

Other weightages to them are given as prescribed in section 16.1.

Additional Weightages

- (i) Hons. (Hindi, Sanskrit, English) 5 marks.
 - (ii) M.Sc./M.A. (First Class 10 Marks, Second Class 7 marks, Third Class 4 marks).
 - (iii) M.Phil. – 5 marks and Ph.D. – 10 marks.
 - (iv) Functional Hindi : I Class - 10 marks. II Class- 7 marks, III Class -4 marks.
- Subject to a Maximum of 10 marks in all the above four [(i) to (iv)] taken together.

13. Admission to M.A. Semester I on the basis of Master's Degree examination in another subject or in another Faculty :

If the eligibility is to be determined on the basis of M.A. Degree then merit is to be determined on that basis alone. No weightage is, thus, to be given on the basis of B.A. marks even in the relevant subject.

14. Compartment Candidates :

A candidate who is placed under compartment in one subject in B.A. Third Year examination of this University shall be allowed to join M.A. First Year (Semester System) class provisionally if he/she fulfils other requirements and provided–

- (i) The subject in which he/she has to re-appear is not offered for the M.A. First Year examination; and
- (ii) If he/she fails to clear the compartment subject of the B.A. Third Year examination in the next two consecutive chances immediately following the examination in which he/she was placed under compartment, his/her provisional admission to M.A. First Year (First and Second Semesters) examination shall be cancelled”.

15. Admission to M.A. Semester III Courses for candidates who have passed their M.A. Semester I & II examination (other than the regular students of Panjab University Teaching Departments) :

The vacant seats in each category may be filled by the respective Boards of Control on merit provided that any candidate so admitted shall have secured marks in Semesters I & II not less than the marks of the last candidate in the merit list of students promoted by the Department from M.A. Semester II to Semester III and the outside candidate (other than the regular student of respective Department) having Reappear/Compartment will not be considered for Admission to M.A. Semester III.

(D) YOUTH WELFARE

(i) Youth and Heritage Festival :

Level of the festival	First	Second/Third	Participates
International festival (G.I.O. recognised, representing the University/recommended by the Youth Welfare Department, P.U.)	3.0	2.5	2.0
National Inter University/Inter State Festival	2.5	2.0	1.5
North Zone/Punjab State/University Inter Zonal Festival	2.0	1.5	1.0
University Zonal Festival	1.0	0.5	–

(ii) Youth Training Camps :

- Participation in Youth Leadership Training Camp
- Participation in Mountaineering
- Participation in Hiking/Treking Camp
- Participation in Rock Climbing Camp

1% marks per camp per year (minimum 7 days camp) upto maximum of 3% marks (maximum of 3 camps)

subject to maximum 3%

Students coming from other Universities shall also be considered at par for weightage as tabled above.

OR

ADULT EDUCATION :

(1) For students who are running adult education centres :

- (i) For making 10 students literate Credit point = 0.35%
- (ii) For making 15 students literate Credit point = 0.65%
- (iii) For making more than 15 students literate Credit point = 1.00%

Norms of proficiency in literacy would be as laid down by the Directorate of Adult Education, Ministry of Human Resource Development, (G.O.I.).

(2) For the student volunteers of mass involvement for functional literacy :

- (i) For making 2 students literate : Credit point=0.35%
- (ii) For making 4 students literate : Credit point=0.65%
- (iii) For making more than 4 students literate : Credit point=1.00%

Persons claiming credit on this account will obtain the desired certificates from the Director, Centre for Adult Continuing Education, Panjab University, Chandigarh.

(Vide Syndicate Para 16, dated 16-5-1987)

- (iii) Any other weightage approved by the D.U.I./Vice-Chancellor.

A Candidate can claim weightage in one or more categories given above. However, the total weightage allowed shall not exceed 9% of the normalized marks obtained in qualifying examination.

These weightages shall not be used for determining eligibility for admission as prescribed by the University under its Regulations.

16.2. Additional weightages will be available to the following categories of candidates as indicated :

(i) M.P. Ed.

- | | | |
|-----|--|----------|
| (a) | A person getting any of the first three positions in the Olympic/World Game/Commonwealth Game/ World Cup Tournaments/Asian Games. | 50 marks |
| (b) | A person representing India in the above said games/Tournaments. | 40 marks |
| (c) | A person representing India in official test matches abroad and within the country. | 30 marks |
| (d) | 1 st position in All India Inter-University/Senior National approved games competition conducted by the respective Federations. | 20 marks |
| (e) | 2 nd position in the above said competitions. | 15 marks |
| (f) | 3 rd position in the above said competitions. | 10 marks |
| (g) | 1 st position in Zonal Inter-University competitions. | 9 marks |
| (h) | 2 nd position in the above said competitions. | 8 marks |
| (i) | 3 rd position in the above said competitions. | 7 marks |

(ii) B.P.Ed.

- | | | |
|-----|--|----------|
| (a) | A person getting any of the first three positions in the Olympic/ World Games/Commonwealth Game/ World Cup Tournaments/ Asian Games. | 50 marks |
| (b) | A person representing India in the above said games/Tournaments. | 40 marks |
| (c) | A person representing India in official test matches aboard and within the country | 30 marks |
| (d) | 1 st position in All India Inter-University/Senior National approved Games/competition conducted by the respective Federations. | 20 marks |
| (e) | 2 nd position in the above said competitions. | 15 marks |
| (f) | 3 rd position in the above said competitions. | 10 marks |
| (g) | 1 st position in the Zonal Inter-University competitions. | 9 marks |
| (h) | 2 nd position in the above said competitions. | 8 marks |
| (i) | 3 rd position in the above said competitions. | 7 marks |
| (j) | 1 st position in the Inter College/State approved Games/competitions. | 6 marks |
| (k) | 2 nd position in the above said competitions. | 5 marks |
| (l) | 3 rd position in the above said competitions. | 4 marks |

Note : Only one highest admissible position will be considered for giving weightage listed above.

17. Resolving of ties :

In the case of a tie at any stage in the preparation of the merit list, candidates securing equal marks will be bracketed together. Their inter-se-merit will be determined according to the following criteria :-

- (i) A candidate getting higher percentage of marks in the qualifying examination shall rank higher in order of merit.
- (ii) That if the marks in qualifying examination are also the same then the candidates obtaining more marks in the immediate lower examination, shall rank higher in order of merit.
- (iii) That if two or more candidates secure equal marks in (i) & (ii) above, the candidate senior in age shall rank higher in the order of merit.

Note : When the provisional lists of candidates (based on merit) are displayed on the Notice Board, the Chairpersons shall mention the fact that this list is subject to change on account of improvement of result of the qualifying examination wherever applicable. The new result must be presented at the time of interview/operating of the waiting list.

18. Interviews :

All the candidates whose names appear on the provisional merit list shall, prior to admission, be interviewed by the Board of Control of the subject concerned or a Committee of the Board of Control constituted by the D.U.I/Vice-Chancellor. **Candidates who do not appear for the interview will not be considered for admission.**

All the candidates be informed telephonically or by e-mail or by SMS about the date of counselling and deposit of fee.

The candidates must produce all the relevant certificates in original for verification at the time of interview, failing which they will not be considered for admission.

19. Preparation of final Merit list/Waiting list :

After interviewing the candidates and taking into account all the criteria of admission applicable (for instance, the scores, plus weightages, or the addition of admission/aptitude test scores, where applicable, etc.) each Department/Centre/Joint Admission Cell shall prepare a final list of selected candidates. This list shall be signed by the members of the Board of Control/Committee of the Board of Control approved by the D.U.I./Joint Admission Cell, certifying that the list has been prepared in order of merit and the relevant rules and regulations as laid down have been followed.

The Department/Centre/Joint Admission Cell shall then send the following list (in duplicate) for the D.U.I's approval.

- (i) provisional merit list of all candidates category-wise;
- (ii) final merit list of candidates recommended for admission category-wise and their application forms;
- (iii) the list of candidates placed on the waiting list, if any, category-wise;
- (iv) Attendance of all the Candidates.

If a candidate, whose name is on the provisional list, is denied admission while a candidate below him is selected, the reasons for admission being denied shall be recorded and such a case shall be brought explicitly to the notice of D.U.I.

20. Revision of Merit & placement of Applicants :

A candidate whose merit is revised consequent upon the late declaration of Hons. result or General result and his/her merit falls among the candidates in the merit list of selected candidates, category wise, his/her name be placed at the top of the waiting list.

(Syndicate Para 40, dated 12-3-2005)

21. Rejection of incomplete Application Forms

The Board of Control/Committee of Board of Control/Joint Admission Cell can reject the application form which it regards as incomplete. Reasons for rejection must be recorded on the application form.

22. Cancellation of Seat/Admission

Admission of all such students who fail to attend atleast 33% of the total lectures delivered and practicals held in all the papers during the first 10 working days from the start of teaching work in the course concerned shall be cancelled by the Board of Control/Joint Admission Cell after following the procedure given below :

1. By the 12th day after the start of classes for a particular course, the names of those students who fail to attend at least 33% of the total lectures/practicals shall be put up on the Department Notice Board. Within 4 days of the date of such notice, a student who is so short of attendance may give in writing the reasons for his absence from the classes.
2. If a student does not submit an application in writing within the prescribed time as stated above, or the reasons adduced by the student in his application are not found to be sufficient and justified in the opinion of the Board of Control/Joint Admission Cell, his admission shall be cancelled.
3. All the seats thus falling vacant shall be filled from the waiting list or through subsequent counselling before the expiry of the last date fixed for admissions by the University.
4. When the admission of the students is cancelled as stated above, the Department shall display on the Department Notice Board the list of the person(s) next in the waiting list and make admissions accordingly.

Note : It is obligatory on the part of students to keep in touch with the Department concerned for the possibility of the seats to fall vacant.

23. Admission for late applicants with high merit.

Before considering candidates placed on waiting list for admission, Board of Control or Admission Committee or Joint Admission Cell may admit a late applicant in the open/reserved category for sufficient cause with the prior approval of the D.U.I./ Vice-Chancellor, but only if his/her merit falls in the merit of the first 25% of the applicants admitted in the open/reserved category.

Late admissions shall not be allowed where;

- (i) no seats are available;
- (ii) the last date of admission as prescribed by the University is over.

24. Admission of students whose results are revised as a consequence of re-evaluation or otherwise late declaration of result, can be made only if :

- (i) Seats are available;
- (ii) Candidate is higher in merit than the candidate in waiting list.
- (iii) The request is made before the last date for late admission with the prior approval of the Vice-Chancellor as already laid down.

The following Rule in the P.U. Cal. Vol. III, 2005 at page 398 will be followed in case of re-evaluation cases :

“If as a result of Re-evaluation, a candidate passes at the examination, he/she shall be eligible to seek admission to the next higher class within ten working days of the communication of re-evaluation result to him/her. His/her attendance shall be counted from the date of his/her admission. In the case of admission to a course having Semester Exam. the date will be Oct. 15th.

In the case of late declaration of results due to any reason other than re-evaluation :

That in the case of Panjab University students who had already appeared in any of its examinations and the result was declared late for one reason or the other, while they were in the midway of the course/class, the admission to the next class/course be allowed within 10 days from the date of declaration of the result, without any late fee but not later than 31st December of the academic session. In the case of admission to a course having Semester Exam. the date will be Oct. 15.

(Syndicate para 40, dated 12-3-2005)

25. Verification of Certificates :

All certificates submitted by the candidates at the time of submission of Admission Form in support of their claims **shall be checked against the originals at the time of interview.**

For the marks obtained, the original certificates shall be ones issued by the University/Board concerned only, and **NOT** by any Principal of a School/College.

In case a candidate happens to have surrendered the original certificate to an institution/office, as for re-evaluation etc., a copy of the certificate duly attested by a Class-I Officer of the University or a Gazetted Officer may be considered, after a satisfactory explanation from the candidate. Admissions based on such certificates shall be treated as provisional.

- (i) The form of application prescribed by the authority from which a certificate submitted by the candidate in support of a claim made by him/her should be obtained. No deviation from this shall be made.
- (ii) The Character Certificate submitted by a candidate, as required in the form of application, shall be from the Head of the Institution/University Department last attended.
- (iii) A certificate, submitted by the candidate in support of a claim made by him/her, should be in the format prescribed by the issuing authority.

No deviation from this shall be made.

26. Certificate concerning gap years :

Candidates whose career reflects a gap of years between passing of the last examination and the admission being sought now by them, are required to furnish, at the time of application, an affidavit to the effect, attested by the Magistrate 1st class/Notary that they were not involved in any Offence/Unlawful activities during the gap years. The Chairpersons/Chairperson, Joint Admission Cell shall satisfy themselves that, during this gap period, the candidates were engaged either in service or in studies.

27. Verification of SC/ST Certificates :

The admission of the SC/ST candidates producing the requisite certificates of being SC/ST for admission in various courses at this University be made provisional subject to verification of the certificates from the issuing authority by the Chairperson of the department concerned, as required in the UGC letter circulated by D.R. (Academic/Colleges) vide his Endst. No. 5201-5350/Spl. Cell/SC/ST dated 30-9-1991.

28. Medical check-up :

A candidate selected for admission is required to submit a Medical Certificate of Physical Fitness can be obtained from (i) CMO, Panjab University Health Centre after depositing prescribed fee at the SBI extension counter, Panjab University, or (ii) any Govt. Hospital/any Govt. Dispensary. This certificate is a pre-requisite for the confirmation of the admission. Students should approach the C.M.O.'s Office on the prescribed date/s only after obtaining admission slip from the Department and after paying the medical fee.

29. Admission of ICCR-Sponsored Students :

The Vice-Chancellor shall be authorized to admit ICCR (Indian Council of Cultural Relations) sponsored students by creating additional seats on the recommendations of the Board of Control of a Department.

30. Creation of additional seats for candidates qualifying their lower examination with a Vocational subject :

5% additional seats may be created in a Department for candidates who have passed their lower examination with vocational subject, after obtaining permission of the DUI/Vice-Chancellor.

31. In the event of any difference in the interpretation between these, Handbook of Information & Rules for Admission 2016 or various Prospectuses of admission published separately, the matter shall be referred to D.U.I./V.C. whose decision shall be final.

Further, in preparation of the merit list if there are cases which are not covered in these rules, the same may be referred with factual details alongwith the recommendations of the Board of Control for consideration to the D.U.I./V.C whose decision shall be final.

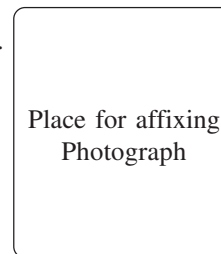
Dean of University Instruction

**MEDICAL EXAMINATION FORM for candidates seeking admission/admitted
to various courses of study at Panjab University (2016-2017)**

(The medical examination can be done by any Govt. Gazetted Medical Officer/Medical Officer at P.U. Health Centre)

(Items Nos. from 1 to 8 below to be filled in by the candidate)

1. Name of the candidate.....
2. Father's name.....
3. Mother's name.....
4. Date of birth.....
5. Department (in which admission is being sought)
6. University Receipt for Medical Examination Fee
No.....Date.....
7. Roll No. (allotted by the Department):
8. History of any previous or existing illness:
 - I. Like epilepsy, Hypertension, Bronchitis, Asthma, Tuberculosis, Rheumatic Arthritis, Diabetes, Heart Problem etc.
 - II. History of any operation
 - III. History of any regular medication
 - IV. History of any kind of allergy



.....
(Signature of the candidate to be attested by the Chairman)

.....
(Signature of the candidate in the presence of examining Doctor)

.....
(Signature of the Chairman with seal of the Department)

Medical Examination

General Physical Examination

(a) Pulse_____ /min	Blood Pressure_____ mmHg (sitting)
(b) Vision (without glasses)	Right_____ Left_____
Vision: (with glasses)	Right_____ Left_____

- A. Systemic Examination of CNS/Chest/ CVS/Abdomen/Limbs
- B. Any specific recommendation

It is certified that the above named candidate has been medically examined and recommended/not recommended to pursue the course of studies to which he or she has been admitted.

(Signature of the Medical Officer with seal and date)

**SPECIMEN OF FORMS OF CERTIFICATES TO BE ATTACHED TO
ADMISSION FORMS WHEREVER APPLICABLE
CERTIFICATE OF BELONGING TO A SCHEDULED CASTE/TRIBE**

Despatch No. _____ Dated _____

Certified that _____

son/daughter of Shri _____

resident of _____

District _____ State _____

an applicant for admission to _____

course of Panjab University, Chandigarh, belongs to _____

_____ caste of Scheduled Caste/Tribe which is

recognised by _____

State Government.

Name of the

Certifying Officer _____

* S.D.M./Tehsildar

Designation _____

(with office seal)

*Certificate from no other authority will be accepted.

VERIFICATION OF SC/ST CERTIFICATES

The admission of SC/ST candidates producing the requisite certificates of being SC/ST for admission in various courses at this University be made provisional subject to verification of the certificates from the issuing authority by the Chairperson of the concerned department as required in the U.G.C. letter circulated by D.R. (Academic/Colleges) vide his endst. No. 5201-5350/Spl. Cell/SC/ST dated 30.9.1991.

CASTE/COMMUNITY CERTIFICATE

(For purposes of reservation in employment under the Central Government and admissions to Central Government Educational Institutions as OBCs this caste/community certificate is required to be read along with a Non-Creamy Layer Certificate issued by the concerned authority)

This is to certify that Shri/Smt./Kumari _____
son/daughter of Shri/Smt. _____ who is a permanent
resident of village/town _____, Mandal/Municipality _____
District/Division _____ in the State/Union Territory _____
belongs to the _____ caste/community which is recognized as a
Backward Caste/Community under the Government of India, Ministry of Social Justice and Empowerment's
Resolution No.* _____ dated _____. The above said
caste/community is listed at Entry No.* _____ in the Central List of OBCs for the State
of _____.

District Magistrate/Deputy Commissioner/
Sub-Divisional Magistrate/Tehsildar

Date:

Seal

NOTE:

- (i) This Caste/Community Certificate is only for the purposes of identifying the caste/community of the person as belonging to a backward caste/community. However, for the purposes of seeking employment/admission to organizations/institutions as OBCs under the Central Government, this Certificate must be read along with the Non-Creamy Layer Certificate which is issued separately.
- (ii) This certificate will be required to be issued only once in a life time and will be valid until and unless it is cancelled by the competent Authority.

*The authority issuing the certificate is required to mention the details of Resolution Number of Government of India, and Entry Number in the Central List of OBCs for the respective State in which the caste/community of the candidate is mentioned as belonging to the Backward Caste/Community. Entry Number and Resulation Number in Central List are also available on the website of NCBC at www.ncbc.nic and on website of Ministry of Social Justice & Empowerment at www.socialjustice.nic.in

NON-CREAMY LAYER CERTIFICATE

This is also to certify that the case of Shri/Smt./Kumari _____
daughter/son of Shri/Smt. _____ who is a permanent resident of
village/town _____, Mandal/Municipality _____
District/Division _____ in the State/Union Territory _____
has been enquired into and it has been ascertained that he/she belongs to the Non-Creamy Layer as his/her
case is not covered by any of the exceptions which have been listed in the Rule of Exclusion included in the
Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt. (SCT)
dated 8.9.1993 (as amended from time to time).

2. It is certified that the parents of Shri/Smt./Kumari _____
daughter/son of Shri _____ are not holding/have held :-

- (i) Any Constitutional Post
 - (ii) Group 'A' Post in Centre/State Government (**Any of the Parents**)
 - (iii) Group 'B' Post in Centre/State Government (**Both of the Parent**)
 - (iv) Executive Post in Centre/State Government PSUs (**Any of the Parents**)
 - (v) Colonel or above (equivalent posts in Air Force, Navy and the Para Military Forces) (**Any of the Parents**)
3. It is also certified that the gross annual combined income of both parents of Shri/Smt./Kumari
does not cross the income limit of Rs. 15 Lakhs per year for the last three consecutive years as
stipulated vide Category VI of DoPT's OM No. 36012/22/93-Estt. (SCT) dated 08-09-1993
(as amended from time to time).

District Magistrate/Deputy Commissioner/
Sub-Divisional Magistrate/Tehsildar

Date:

Seal

NOTE : This Certificate will be valid for a period of two years from the date of issue.

CERTIFICATE OF PHYSICALLY HANDICAPPED CANDIDATE

Despatch No. _____

Dated _____

**TO BE ISSUED BY MEDICAL AUTHORITY OF A
GOVERNMENT HOSPITAL**

1. Name of the candidate _____
2. Father's Name _____
3. Permanent address _____

4. Percentage of loss of earning capacity in words _____
5. Whether the candidate is otherwise able to carry on studies and perform duties _____
6. Name of the disease/cause of handicap _____
7. Whether handicap is temporary or permanent _____
8. Whether handicap is progressive or non-progressive _____

Name of the Certifying Officer
Designation _____

Signature of authorized Medical Officer
(Legible Office Stamp)

**CERTIFICATE OF DEATH/INCAPACITATION OF
MILITARY PERSONNEL IN ACTION**

Despatch No. _____

Dated _____

Certified that _____ an
applicant for admission to _____ course
Panjab University, Chandigarh, is the son/daughter of Shri _____
(mention rank also). Shri _____ was
killed/incapacitated in action on _____
(mention date), and his death/incapacitation did not occur due to an accident while performing a
routine duty pertaining to job requirement.

Name of the Certifying Officer

Designation _____

Signature of authorised Military Officer
(with office seal)

**CERTIFICATE TO BE FURNISHED BY FOREIGN NATIONALS/NRI
CANDIDATES**

I _____ son/daughter of _____ Resident
of _____

(give full address)

of _____ and father/mother of

(give exact category/status of immigrant)

Shri/Miss/ _____

resident of _____ who is seeking admission in the department/
institution of Panjab University, Chandigarh declare and affirm that :

I shall be responsible for timely payment of prescribed tuition fees (payable annually) and all other dues and charges in full (and not in parts/instalments) to the Panjab University, Chandigarh, immediately after the admission is granted to the above candidate as also during the subsequent years of studies.

Tuition fee shall be paid by me in the form of Bank Draft in U.S. Dollars/Pounds/ Sterling/ Euros or equivalent amount in Indian currency payable to the Registrar, Panjab University at Chandigarh alongwith a bank certificate for encashment of foreign currency of the like amount.

In addition to tuition fee, I shall also pay all other dues and charges to the Panjab University as payable by other students of the same class belonging to the same category in foreign currency or in Indian Rupees as per University Rules and Regulations.

I understand that in case of failure to pay fees and dues on time, the admission will automatically stand cancelled and fee already paid will not be refundable. Neither I nor the candidate Mr./Miss _____ shall have any claim against the University on any account whatsoever.

Signature _____
of the Mother/Father of the candidate

Dated : _____

Place : _____

Note : The above stated certificate should be submitted on Court Paper and must be attested by a Notary Public at the place and country where he/she is residing at the relevant time.

SPECIMEN OF AFFIDAVIT FOR GIRL CHILD CATEGORY

(On non-judicial paper of Rs. 20/- duly attested by 1st Class Magistrate)

I _____ (name)

Father/mother of Miss _____ (full address to be given) resident of _____

do hereby solemnly declare and affirm as under :-

1. That I am a citizen of India.
2. That Miss _____ born on _____ is girl child of the Deponent.
3. That the Deponent has no male child.
4. That the deponent has the following children and none else :
 - (i) Name
 - (ii) Sex
 - (iii) Date of Birth
5. That neither the deponent nor the aforementioned girl child of the deponent have obtained/availed the benefit granted under this category, in this University/Institute including its affiliated colleges.

Place:

Dated:

DEPONENT

VERIFICATION

Verified that the contents of the above affidavit are true and correct to the best of my knowledge and belief and nothing has been concealed therein.

DEPONENT

Place:

Dated:

GUIDELINES FOR ADMISSION TO THE RESERVED CATEGORY OF SPORTS

Five percent seats of the total number of seats in each course are reserved under this category. No benefit on the basis of sports shall be given to candidates not applying for admission in this category.

1. Each applicant applying for admission in this category shall, along with the admission form, will submit following documents to the concerned department and photocopy of one complete set of application form along with the all relevant documents after paging all the documents will submit in the office of the Directorate of Sports, (Gymnasium Building), P.U. Chandigarh before last date.

- a) Self attested photocopies of sports certificates
- b) Class 10th and class 10+2 and B.A. detailed marks certificate showing date of birth.
- c) Affidavit of sports achievement (Annexure-III) duly attested by a Notary/Magistrate class I/II on a stamp paper of Rs. 5/- or 10/- .
- d) Roster form/list of players duly attested by the competent authority of concerned tournament/championship. The photograph of the player should also be pasted on the certificate duly attested by the competent authority of concerned tournament/championship¹ .

2. The DUI has the authority to cancel admission at any time, if it is found that the candidate obtained such admission on the basis of a false certificate or incorrect statement/record.

3. Students seeking admission under this category will be considered for admission only in the games disciplines in which the Panjab University sends its teams for participation in the Inter University tournaments (for the inclusion of such games and discipline see Annexure-I). However in the games of Circle Style-Kabaddi (W), Gatka (M & W) and Indoor Hockey (W) Inter College tournaments conducted by the various Universities will also be considered for the admission.

4. Reservation under Sports Category is meant only for those active² sports person who would participate in the Campus, University, National, International level sports tournament. Such students will be considered for admission only if:

- (i) Their achievement in sports relates to their activities in any of the three years immediately preceding the year of admission³ (relaxable to 4 years in exceptional cases, on merit, for outstanding sportspersons)⁴.
- (ii) If they are otherwise also eligible for participation in Inter College, Inter University, National and International Sports Tournament as per Association of Indian Universities rules (see Annexure II).
- (iii) If the performance of the candidate in the trial is not satisfactory, his/her candidature can be rejected.
- (iv) No document including affidavit etc. will be accepted after the last date of submission of admission form neither by the concerned Department nor by the Directorate of sports. However, in case any sports person earn any achievement up to June 30, 2016 he/she may submit supplementary copy of the document to the concerned deptt. as well as Directorate of Sports along with additional affidavit.

-
1. Secretary/Director/President of game concerned Association/Federation/Department/Directorate.
 2. Means a person attending the grounds regularly so as to appear himself for participation in the Inter College and Inter University tournaments. However, his/her age fall within the age group which is eligible for participation in Inter College/Inter University Competition.
 3. Preceding three years means from 1st July 2013 to 30th June 2016.
 4. Securing first three positions in All India Inter University/Senior National Championship/National Games/ Participation in International competition at Senior or Junior level recognized by respective National Federation, Indian Olympic Association/ Ministry of Youth Affairs & Sports/International Olympic Committee/BCCI.

- (v) Atleast two times sports participation in the same game (irrespective of the event) is compulsory for the students seeking admission under this category (within the prescribed period of three years i.e. from 1st July, 2013 to 30th June, 2016). The admission in Sports category will be purely on the basis of gradation criteria given in Annexure-V, however the minimum level of sports participation to be considered for supporting certificates will be Inter School (State Level)/Inter College/State Participations.

5. A committee constituted by the Vice-Chancellor shall screen all the applications under this category through interviews and by holding actual sports trials in the respective games on the Panjab University Grounds, Chandigarh and other venues in Chandigarh as per Schedule of Trials (Annexure-VI). The sports trials will be held as per schedule mentioned in the respective Handbook. Only such applicants will be allowed to appear for the interviews and actual sports trials, whose application are found in conformity with the requirement/qualifications mentioned in the Guidelines by the Directorate of sports. Applicants are to appear for interview with all the original sports certificates and all the academic certificates.

6. The Directorate of Sports, Panjab University, shall take an undertaking in the form of an Affidavit (Annexure-IV) on a Stamp Paper of Rs 5/- or 10/- duly attested by the Notary/Magistrate Class I/II from the students that they will attend the grounds regularly and must have 75% attendance in the sports ground and would also participate in the Inter College, Inter University, National and International sports tournaments. Their admission would be liable to be cancelled if the terms of the undertaking thus given are not adhered to.

7. The order of precedence in the selection of candidates for admission will be as per Annexure-V.

- i) A student falling under category 'A' shall be placed higher in merit than a student falling under category 'B'. Similarly, a student falling under category 'B' shall be placed higher in merit than a student falling under category 'C' and so on.
- ii) Likewise, within each category a student falling in category 'A' (1) will be placed higher in merit than a student falling in category 'A' (2) and so on.
- iii) A student who attains first position in a competition shall be rated higher in merit than the one who gets second position in a competition of the same level. Similarly, second position will be rated higher in merit than the third in the same level of competition and so on.
- iv) If there is a tie within the same category, the tie shall be resolved by considering the "academic merit" i.e. as per admission criteria of the concerned department and even than if there is tie, it will be resolved by the seniority in age i.e. date of birth of the student and such tie will be resolved by concerned department in which applicant applied for admission.

8. The inter-se merit of the candidates seeking admission to any course under the reserved category of sports shall be determined only on the basis of their merit in Sports as per grading criteria in Annexure-V.

9. The case of sports person with achievements in games/disciplines not included in Annexure-I but excelling⁵ at International level and the cases of sports persons excelling at International Level who are otherwise not eligible as per AIU rules due to age bar shall be recommended by the Director, Physical Education & Sports and may be considered by the Vice-Chancellor for admission to a particular course by creating an additional seat to the extent of 2% seats in the respective course. These additional 2% seats will be granted subject to the approval of the regulatory authority i.e. NCT/Bar Council/Dental Council etc. These seats be given as being in addition to the approved strength of the course in that year only but if the seats are vacant in the 5% reserved category of sports then the vacant seats will be converted in 2% reserved category of sports seats. Sports persons wishing to avail Clause 9 should submit a separate application along with the concerned Department's Admission Form.

5. Excelling at International level means representing the country in the International tournament recognized by the International Olympic Committee/Indian Olympic Association.

10. Not less than 75% attendance in sports grounds for all those students admitted against reserved category of sports. The attendance certificates should be issued by the Directorate of Sports in favour of each student and admit card should be issued by the chairperson on the production of this certificate.

11. When student is required to abstain from the Department for participation in Inter College/Inter University/National/International sports Tournaments, he/she shall give prior information to the Chairperson of the concerned Department.

12. If a student admitted under the reserved category of Sports, remains absent from the grounds for regular practice for a continuous period of seven days without leave, his/her names shall be struck off the rolls by the Chairperson of the concerned Department on the recommendation of the Directorate of Sports, Panjab University, Chandigarh.

13. Deficiency of equal numbers of lectures (theory, practical, seminars and tutorials etc.) shall be condoned for sportspersons for attending Coaching Camps and participation in various tournaments i.e. Inter Hostel and Inter Department, Inter College, Inter University, National and International level tournament.

14. In case a student does not attend the grounds for practice or does not participate in the P.U. Campus Sports Activities including Campus Annual Athletic Meet, Inter College competition, Inter University tournaments on medical grounds, the medical certificate issued by the University Chief Medical Officer will be accepted.

15. In case there are more than one Association and/or National Federation in any game, the University will entertain and consider only such applicants in Sports Category who have certificate issued by concerned State Olympic association and/or National Federation duly recognized by the Indian Olympic Association. Certificates issued by the concerned State Association not recognized by State Olympic Association and/or National Federation not recognized by Indian Olympic Association will not be considered by the University for any purpose.

NOTE : In case a student remains present in the concerned Department for classes but absent in the grounds for sports then his/her Medical certificate will not be accepted and his/her admission shall liable to be cancelled.

16. Certificate on Letter head will not be considered as a normal course. However, if the certificates are not issued by some sports Organization/Association in a particular game, those cases will be looked after separately by the Screening Committee.

17. It is mandatory for all who have been admitted under 5% reserved category of sports to attend the grounds regularly and participate actively in Inter-College, Inter-University and Nationals if selected and it will also be mandatory for them to get No Objection Certificate from the University Director of Physical Education and Sports, Panjab University before appearing in the Semester/Annual Exam. Their admit cards will be issued on the production of attendance certified by the Chairperson/Director of the concerned departments.

ANNEXURE-I

Following are the Games/Discipline on the basis of achievement in which claims to admission in the category of Reserved Seats for Sports can be considered.

Sr. No.	Game	Section
1.	Archery	(Men & Women)
2.	Athletics	(Men & Women)
3.	Aquatics (Swimming & Diving M&W), Waterpolo	(Men)
4.	Badminton	(Men & Women)
5.	Ball Badminton	(Men & Women)
6.	Basketball	(Men & Women)
7.	Baseball	(Men & Women)
8.	Best Physique	(Men)
9.	Boxing	(Men & Women)
10.	Canoeing (M) & Kayaking	(Men & Women)
11.	Chess	(Men & Women)
12.	Cricket	(Men & Women)
13.	Cross Country	(Men & Women)
14.	Cycling (Road & Track)	(Men & Women)
15.	Fencing	(Men & Women)
16.	Football	(Men & Women)
17.	Gatka	(Men & Women)
18.	Gymnastics Artistic	(Men & Women)
19.	Handball	(Men & Women)
20.	Hockey	(Men & Women)
21.	Judo	(Men & Women)
22.	Kabbadi (NS)	(Men & Women)
23.	Kabbadi (PS)	(Men & Women)
24.	Kho- Kho	(Men & Women)
25.	Netball	(Men & Women)
26.	Power lifting	(Men & Women)
27.	Rowing	(Men & Women)
28.	Rhythmic Gymnastics	(Women)
29.	Shooting (Air-Pistol & .177 Air Rifle Peep Sight) Clay pigeon, shooting trap, double trap and skeet.	(Men & Women)
30.	Softball	(Men & Women)
31.	Squash	(Men & Women)
32.	Table Tennis	(Men & Women)
33.	Taekwondo	(Men & Women)
34.	Tennis	(Men & Women)
35.	Volleyball	(Men & Women)
36.	Weight-Lifting	(Men & Women)
37.	Wrestling	(Men & Women)
38.	Yachting	(Men & Women)
39.	Yoga	(Men & Women)
40.	American Football	(Men)
41.	Indoor Hockey	(Men & Women)

Revised AIU Eligibility Rules for Participation in National University Games : Effective from 2015-16

A. Eligibility Rules for National University Games :

1. Only a bonafide student, who is currently enrolled/registered for a degree or diploma at the University/ College whose status is recognized by the appropriate authority of the country, which is of a minimum duration of one academic year and whose examination is conducted by the university shall be eligible to participate in National University Games and fulfil the following conditions.
2. The students studying in open universities and distance mode are not eligible to participate in the National University games.
3. Foreign students are eligible to participate only in National Inter-University Tournaments. However, the total number of foreign players in a team should not be more than 10% of the team. However for small teams, where the total number of players is less than 10 members one foreign student can be allowed in the team.
4. All eligible students while participating in National University Games/Championships shall fulfil the following essential conditions:-
 - (a) He/She should be less than 28 years of age as on 1st July of that academic year. In case of Basketball and Football the upper age limit is 25 years as per FISU rules.
 - (b) Not more than 10 years have elapsed since a student passed the examination qualifying him/her for first admission to a degree or diploma course of University or College affiliated to a University.
 - (c) The ten year eligibility period for participation of students in competitions shall be distributed as under:-
 - i) Not more than five years after passing 10+2 or equivalent examination while studying in Under Graduate Courses/Degrees. There are no restrictions for student to change the course or moving from higher class to lower class within five years.
 - ii) Not more than five years after passing Graduate or equivalent examination while studying in Post Graduate Courses/Degrees. There are no restrictions for student to change the course or moving from higher class to lower class within the five years after passing graduate degree. There are no restrictions for student to change the course or moving from higher class to lower class within the five years.
5. A student who is employed on full time basis shall not be eligible to participate in National University Games/Championship. However, student(s) who are receiving nominal sports stipend from Public or Private Sector(s), are eligible to participate.
6. A student shall not be allowed to represent more than one university in National University Games during a single or same academic year.
7. Provisional admission to a course/degree of university or college shall not make the student(s) eligible to represent the university in National Games.
8. In the case of a student migrating from one University to another, his/her migration case will be considered eligible only after his/her admission in the new university is regularized and he/she is admitted as a bonafide and eligible student by the new University.

B. Explanation :-

1. There is a rule in some universities to admit the students in First year degree course even if the candidate is having re-appear/compartement in +2 examination. Such students are not eligible to participate in the interuniversity tournament until they clear the +2 re-appear/compartement examination. In the same way the candidate who has not cleared the exams in the degree course and joined the first PG course will not be allowed to participate in the Inter-University Tournament until he clears the exams.
2. All the students should produce photocopy of the pass certificate of +2 examination, Date of Birth Certificate, and in case of PG students, the pass certificate of the Degree course, duly attested by the Director of Physical Education/Secretary Sports Board/Council/Sports officer/Registrar of the concern university along with their eligibility certificate.
3. The previous period of participation of any player from any university should necessarily be considered at the time of his/her, fresh/current participation in order to avoid any wrong claim. The academic qualification of such player will be accepted only from that particular university from which he/she participate in inter university competitions earlier.

C. Disqualification :-

1. Any disqualification of a sportsperson on the grounds of ineligibility in team games results into automatic scratching of his/her team for that academic year and the university will be penalized with Rs. 10000/- each case and the issue will be reported to the Vice-Chancellor of concerned University with penalty of Rs. 10000/- per each case of ineligible candidate.
2. The host university shall have the power to debar the athlete(s) or scratch the team(s), if found guilty for their involvement in the incidents of violence during National University Games after following due process of independent enquiry and if necessary recommend to the concerned universities to cancel the admission of such defaulting sports persons.
3. Those sportspersons who are tested and found positive on the basis of samples conducted and analyzed by NADA, confirming that banned (doping) was used/consumed for enhancing their athletic performance, shall be debarred from participation in National/International University Games for the period as specified in the Report of National Anti Doping Agency (NADA) with a view to make sports drug free in university sector.

ANNEXURE-III

PROFORMA OF AFFIDAVIT FOR SPORTSPERSONS CATEGORY
(On Non-Judicial paper for Rs. 5/- or 10/- duly attested by Notary/Ist/IIInd Class Magistrate)

AFFIDAVIT

I, _____ (name),
son/daughter of Shri _____
_____ (father's name), born on _____
of _____
_____ (address) hereby solemnly declare and affirm as
under :-

1. That as Sportsman/Sportswoman in _____ (name of discipline), I have represented the team(s) in the competition(s) on date(s) and also of named position(s) as indicated in the table below :-

Sr. No.	Sports Disciplines	Team represented	Name of the competition & year	Venue/Date	Position secured
1.					
2.					
3.					
4.					
5.					

2. That the certificate(s) mentioned below are produced by me in support of the above are authentic :

- (i)
- (ii)
- (iii)

3. I understand that in case the information/documents supplied by me are found to be false, incorrect or forged, I shall be liable for criminal action in terms of the provisions contained in the Indian Penal Code.

DEPONENT

VERIFICATION

I, the above mentioned deponent do hereby solemnly declare and affirm that the above content are true to the best of my knowledge and belief and nothing has been concealed therein.

DEPONENT

NOTE : IN CASE OF MINOR, THE AFFIDAVIT SHALL BE FILLED IN BY HIS/HER PARENTS/GUARDIANS WITH SUITABLE AMENDMENTS.

AFFIDAVIT

(On Non-Judicial paper for Rs. 5/- or 10/- duly attested by Notary/Ist/Ind Class Magistrate)

I, _____ son/daughter of _____
resident of _____

do hereby declare as under :-

- (i) That I am seeking admission to the Department of _____ under the Sports Category.
- (ii) That in case I am admitted to the above said department I shall regularly attend the grounds for practice and I shall also participate in P.U. Campus Sports Activities including P.U. Campus Annual Athletic Meet/Inter-College/Inter-University/National/International Sports Tournament on behalf of the P.U. Campus and the Panjab University if selected.
- (iii) That in case I fail to regularly attend the Grounds for practice or fail to participate in the Tournaments as and when required, my admission to the Department of _____ shall be liable to be cancelled.
- (iv) That in case my admission to the Deptt. of _____ is cancelled due to my failure to regularly attend the grounds for practice or to participate in the P.U. Campus Sports Activities (including Annual Athletic Meet)/Inter-University/National/International Sports Tournaments as may be required by the Deputy Director, Phy. Edu. Or the Director Physical Education and Sports, Panjab University, I shall have no claim on any account whatsoever against the Department or against the University.

Deponent

VERIFICATION

I solemnly declare that the above statement is correct to the best of my knowledge and belief and that nothing has been concealed therein.

Deponent

GRADING FOR SPORTS PERSONS

Note :- Tournaments/Championships other than Inter University/Inter College/Inter School will be considered for Gradation provided they are recognized by International Olympic Committee/ Indian Olympic Association/International Federation/respective National Federation and State Association/BCCI.

CATEGORY 'A'

1. A person getting any of the first three positions in the Olympic Games/World Cup Tournament/Commonwealth Games/Afro-Asian Games/Asian Games/ Asian Championships/World Universities Games (FISU)/Davis Cup/Grand Slam in Tennis.
2. A person getting any of the first three positions in the S.A.F. Games
3. A person representing India in the Olympic Games/World Cup Tournament/Commonwealth Games/Afro-Asian Games/Asian Games/ Asian Championships/World Universities Games (FISU)/Davis Cup/Grand Slam/SAF Games.
4. A person getting any of the first three positions while representing National team of Juniors in the International tournaments abroad and within the Country.

CATEGORY 'B'

1. A person representing India in International tournaments or official test for seniors abroad and within the country.
2. A person included in the All India Combined Universities team for International tournaments abroad and within the country.
3. A person representing India in International tournaments or official test for juniors abroad and within the country.
4. A person getting any of the first three positions in the National games.
5. A person getting any of the first three positions in the All India Inter University tournaments/Senior National Championships/Inter state tournament for senior/Vizy Trophy tournament.
6. A person getting any of the first three positions in the National Championships for Junior/Youth/Schools conducted by SGFI (School Games Federation of India).
7. A person getting any of the first three positions in the Federation Cup for Seniors.
8. A person getting any of the first three positions in the National Women Sports Festival.
9. A person getting any of the first three positions in the Nehru Cup (For Hockey only).
10. A person getting any of the first three positions in the Zonal Inter University meet or Championship.
11. A person getting any of the first three positions in the National Zonal meet or Championship for senior (the Zonal tournament will be considered if atleast 5 teams participated in the same) for youth.
12. A person getting any of the first three positions in the National Zonal meet or Championship for Junior (the Zonal tournament will be considered if atleast 5 teams participated in the same) for youth.

CATEGORY 'C'

1. A person included in the State/Union Territory teams in the National Games.
2. A person included in the All India Inter University Tournaments/Senior National Championships/Inter-state tournament for Senior/Vizzy Trophy tournament.
3. A person included in the University team other than the Panjab University in the Inter University Tournaments.
4. A person included in the National Zonal meet or Championship for Senior (the Zonal tournament will be considered if atleast 5 teams participated in the same) for Youth.
5. A person included in the State/Union Territory Junior/Youth/Cadet teams in the National Championships/ State/Union Territory/State/Union Territory School/CBSE/Kendriya Vidyalaya Sangathan/Navodya Vidyalaya/ICSC/IPSC teams in the National School Games conducted by SGFI (School Games Federation of India).
6. A person included in the State/Union Territory teams in Federation Cup for Seniors.
7. A person included in the State/Union Territory teams in the National Women Sports Festival.
8. A person included in the Nehru Cup (For Hockey only).
9. A person getting any of the first three positions in All India inter-Professional University Sports Meet of Agriculture, Law, Medicine, Technical and Management Universities.
10. A person included in the Professional University team in Inter-Professional tournaments.
11. A person getting any of the first three positions in the Inter College tournaments other than Professional Universities.
12. A person getting any of the first three positions in the Inter College tournaments of Professional Universities/ Inter-Distt./Union Territory Championships for Seniors/State Junior/Youth/School Games/Union Territory Championships for Juniors.

CATEGORY 'D'

1. A person getting any of the first three positions in the University 'B' Division and 'C' Division Inter College tournaments.
2. A person getting any of the first three positions in the Residential University/P.U. Championships or tournaments.

Note : The certificates not mentioning the level of tournament i.e. Senior/Junior/Youth/Schools will be considered as per the following age criteria :

1. Under 17.....Youth
2. Under 22.....Junior
1. Above 22.....Senior

ANNEXURE-VI

Schedule of the Trials for the Reserved Category of Sports.
Venue : Panjab University Grounds, Near Basketball Courts
(In case of rain the venue can be shifted)

Reporting Time : 9.00 a.m.		Trial Time : 9.00 a.m. to 12.00 Noon	
Sr. No.	Game	Section	Date
1.	Athletics	(Men & Women)	15.07.2016
2.	Cross Country	(Men & Women)	-do-
3.	Archery	(Men & Women)	-do-
4.	Ball Badminton	(Men & Women)	-do-
5.	Basketball	(Men & Women)	-do-
6.	Baseball	(Men & Women)	-do-
7.	Softball	(Men & Women)	-do-
8.	Cricket	(Men & Women)	-do-
9.	Gatka	(Men & Women)	-do-
10.	Volleyball	(Men & Women)	16.07.2016
11.	Indoor Hockey	(Men & Women)	-do-
12.	Hockey	(Men & Women)	-do-
13.	Football	(Men & Women)	-do-
14.	American Football	(Men)	-do-
15.	Kabbadi (PS)	(Men & Women)	-do-
16.	Kabbadi (NS)	(Men & Women)	-do-
17.	Kho-Kho	(Men & Women)	-do-
18.	Netball	(Men & Women)	-do-
19.	Tennis	(Men & Women)	-do-
20.	Handball	(Men & Women)	-do-
21.	Squash	(Men & Women)	-do-
22.	Aquatic (Swimming & Diving)	(Men & Women)	17.07.2016
	Waterpolo	(Men)	
23.	Canoeing	(Men)	-do-
	Kayaking	(Men & Women)	
24.	Rowing	(Men & Women)	-do-
25.	Yachting	(Men & Women)	-do-
26.	Cycling (Road & Track)	(Men & Women)	-do-
27.	Shooting (Air-Pistol & .177 Air Rifle Peep Sight Clay pigeon), Shooting Trap, Double Trap Skeet	(Men & Women)	-do-
28.	Badminton	(Men & Women)	18.07.2016
29.	Best Physique	(Men)	-do-
30.	Power lifting	(Men & Women)	-do-
31.	Weight-Lifting	(Men & Women)	-do-
32.	Boxing	(Men & Women)	-do-
33.	Judo	(Men & Women)	-do-
34.	Chess	(Men & Women)	-do-
35.	Fencing	(Men & Women)	-do-
36.	Gymnastics Artistic	(Men & Women)	-do-
37.	Rhythmic Gymnastics	(Women)	-do-
38.	Table Tennis	(Men & Women)	-do-
39.	Taekwondo	(Men & Women)	-do-
40.	Wrestling	(Men & Women)	-do-
41.	Yoga	(Men & Women)	-do-

Seat Matrix showing reservation under various categories

Total Seats		10	15	20	25	30	35	40	45	50	55	60	65	75	150
Open	55.5%	6	9	11	14	17	19	23	27	28	31	34	37	47	84
S.C.	15%	1.5	2	3	4	4.5	5	6	7	7.5	8	9	10	11	23
S.T.	7.5%	1	1	1.5	2	2	2.5	3	3	3.7	4	4.5	5	6	11
B.C.	5%	0.5	1	1	1	1.5	1.75	2	2	2.5	3	3	3	4	8
P.H.	3%	-	-	1	1	1	1	1	1	1.5	2	2	2	2	5
M.P.	5%	0.5	1	1	1	1.5	1.75	2	2	2.5	3	3	3	4	8
Sports	5%	0.5	1	1	1	1.5	1.75	2	2	2.5	3	3	3	4	8
R.V.	2%	-	-	-	0.5	0.6	0.7	1	1	1	1	1	1	1.5	3
F.F.	2%	-	-	-	0.5	0.6	0.7	1	1	1	1	1	1	1.5	3
Reserved	44.5%	6	6	9	11	15	16	17	18	24	24	26	28	33	66

Total Seats		11	17	23	29	35	40	46	51	57	63	68	72	74	92
Open	55.5%	6	9	14	17	19	22	27	28	32	36	40	40	41	51
S.C.	15%	1.6	2.5	3	4	5	6	7	7.6	8.5	9	10	11	11	13.8
S.T.	7.5%	1	1	1.7	2	2.5	3	3	3.8	4	4.7	5	5	6	7
B.C.	5%	0.5	1	1	1	1.75	3	2	2.5	3	3	3	3.6	4	4.6
P.H.	3%	-	0.5	1	1	1	1	1	1.5	1.7	1.8	2	2	2	2.76
M.P.	5%	0.5	1	1	1	1.75	2	2	2.5	3	3	3	3.6	4	4.6
Sports	5%	0.5	1	1	1	1.75	2	2	2.5	3	3	3	3.6	4	4.6
R.V.	2%	-	-	-	0.5	0.7	1	1	1	1	1	1	1.4	1.4	1.8
F.F.	2%	-	-	-	0.5	0.7	1	1	1	1	1	1	1.4	1.4	1.8
Reserved	44.5%	6	8	9	12	17	18	19	23	26	27	28	32	33	43

Total Seats		100	114	136	143	202	246	342	8	27	34	39	42	87	85
Open	55.5%	56	63	75	80	113	137	190	6	15	19	22	24	48	47
S.C.	15%	15	17	20	21	30	37	51	1	4	5	6	6	13	13
S.T.	7.5%	8	9	10	11	15	18	26	1	2	2.5	3	3	7	6
B.C.	5%	5	6	7	7	10	12	17	-	1	2	2	2	4	4
P.H.	3%	3	3	4	4	6	7	10	-	1	1	1	1	3	3
M.P.	5%	5	6	7	7	10	12	17	-	1	2	2	2	4	4
Sports	5%	5	6	7	7	10	12	17	-	1	2	2	2	4	4
R.V.	2%	2	2	3	3	4	5	7	-	1	1	1	1	2	2
F.F.	2%	2	2	3	3	4	5	7	-	1	1	1	1	2	2
Reserved	44.5%	45	51	61	63	89	109	152	2	12	17	18	18	39	38

Total Seats		14	18	58	180	90	91	64	103	19	98	71			
Open	55.5%	8	10	32	100	50	50.5	36	58	11	54	39			
S.C.	15%	2	3	9	27	13.5	14	9.6	15	3	15	11			
S.T.	7.5%	1	1	4	14	6	6	4.8	7.7	1	7	5			
B.C.	5%	1	1	3	9	4.5	5	3	5	1	5	4			
P.H.	3%	-	1	2	5	2.5	3	2	4	0.5	3	2			
M.P.	5%	1	1	3	9	4.5	5	3	5	1	5	4			
Sports	5%	1	1	3	9	4.5	5	3	5	1	5	4			
R.V.	2%	-	-	1	3.6	2	2	1	2	-	2	1			
F.F.	2%	-	-	1	3.6	2	2	1	2	-	2	1			
Reserved	44.5%	6	8	26	80	42	42	28	46	8	44	32			

IMPORTANT NOTE

‘The rules incorporated in this Handbook are subject to the over-riding effect of the relevant Regulations and Rules contained in the P.U. Calendars as also the resolutions adopted by the Syndicate. In case of any inconsistency between what is said in Handbook of Information and that in the Regulations & Rules etc., the latter shall prevail.’

E1/P.U.P. (468)-1000/26-05-2016