



# JIWAJI UNIVERSITY GWALIOR

## P R O S P E C T U S

2012-13

Website: [www.jiwaji.edu](http://www.jiwaji.edu)

*Cost: Rs. 200/-*

*Published by: Registrar Jiwaji University Gwalior*

## Important Dates

Last Date for Submission of Application Form		Monday	June 25, 2012	Online Submission mponline.gov.in
Last Date for Submission of Application Form with late fees Rs. 500/-		Thursday	June 28, 2012	
<b>Entrance Test Based Courses - Category-I</b>				
1.	Entrance Test B.A. LL.B., B.B.A., B.T.M. & B.C.A. BHM &CT	Sunday	July 01, 2012	at 9.30 A.M.
2.	Result of Qualified Candidates for LL.B., B.B.A., B.T.M., B.C.A. & BHM&CT	Monday	July 02, 2012	by evening
3.	Counseling for Qualified Candidates for LL.B., B.B.A., B.T.M., B.C.A. & BHM&CT courses at Galav Sabhagar	Tuesday	July 03, 2012	at 9.30 A.M
4..	Entrance Test for Courses of Physical Education (BPED, MPED)	Sunday	July 08, 2012	at 9.30 A.M
5..	Physical Fitness Test (BPED, MPED) (At Sports Ground)	Monday to Wednesday	July 09-11, 2012	at 6.00 A.M
6.	Group Discussion and Interview for Physical Education (BPED, MPED)	Thursday	July 12, 2012	at 9.30 A.M
7.	Result of Qualified Candidates of Physical Education (BPED, MPED)	Thursday	July 12, 2012	by evening
8..	Counseling for Qualified Candidates for Physical Education (BPED, MPED) at Galav Sabhagar	Friday	July 13, 2012	at 9.30 A.M
9.	Entrance Test for M.Sc./MBA Courses - Category-I	Sunday	July 15, 2012	at 9.30 A.M
10.	Group Discussion and Interview for MBA Courses	Monday	July 16, 2012	at 9.30 A.M
11.	Result of Qualified Candidates M.Sc./MBA Courses - Category-I	Tuesday	July 17, 2012	by evening
12.	Counseling for all category Courses-Category-I (MBA Courses) at Galav Sabhagar	Wednesday	July 18, 2012	at 9.30 A.M
13.	Counseling for all category Courses-Category-I (M.Sc. courses) at Galav Sabhagar	Thursday	July 19, 2012	at 9.30 A.M
14.	Counseling for Courses-Category-I M.Sc./MBA Courses (Switch over/remaining seats) to be continued	Friday	July 20, 2012	at 9.30 A.M
15.	Entrance Test for M.Phil Courses	Sunday	July 22, 2012	at 9.30 A.M
16.	Result of Qualified Candidates	Monday	July 23, 2012	by evening
17.	Counseling in respective Departments for M.Phil. Courses	Tuesday	July 24, 2012	at 9.30 A.M
18.	Counseling for Remaining Seats	Sunday	July 29, 2012	at 9.30 A.M
<b>Non-Test Based Courses - Category-II</b>				
1.	Display of the List of Qualified Candidates	Monday	July 09, 2012	by evening
2.	Counseling for Courses Category-II in respective Departments.	Tuesday	July 10, 2012	at 12.00 Noon



## **Shri Ram Naresh Yadav**

His Excellency the Governor of Madhya Pradesh and Chancellor of Jiwaji University, Gwalior



His Excellency Mr. Ram Naresh Yadav the Governor of Madhya Pradesh and Chancellor of Jiwaji University, Gwalior was born on 1 July, 1928 at Azamgarh in Uttar Pradesh. He belonged to a simple family. His father was a teacher. He was a successful lawyer in Azamgarh court. An ardent follower of socialist leader Raj Narain, he was interested in social work and later on joined politics and was elected to Loksabha in 1977. He remained Chief Minister of Uttar Pradesh from 1977 to 1979. He was from Janata Party later he joined the Congress. He was appointed Governor of Madhya Pradesh on 26<sup>th</sup> August, 2011 by President Pratibha Patil and was sworn into office on 8 September, 2011.

Hon'ble Governor Mr. Ram Naresh Yadav in his inaugural address to Budget session of Madhya Pradesh Assembly in March 2012 stressed that farmers of Madhya Pradesh are working very hard on account of which growth rate in the agricultural sector was much more than the average national growth i.e. the state has achieved a growth rate of 10 per cent in the last three years and this amounted to unprecedented success. All this was the result of the hard work put in by the farmers in Madhya Pradesh and the long term policies of the State Government.

He also emphasized the role of industries and said there was an unprecedented atmosphere for investment in the industrial sector and in the field of information technology. International companies had set their foot in the state for the first time. The Governor said that to help in establishment of new industries, the State Government has drawn up a plan for setting up nine industrial areas at a total cost of Rs. 300 crore.

His Excellency the Chancellor and Governor of Madhya Pradesh has high hopes from the University Education system. He holds the teachers in high esteem, and looks forward towards the youth and students as becoming strength of the nation. He has taken keen interest in streamlining the university system, of the state.

# Welcome Note

## From the desk of Vice-Chancellor



I feel pleasure in welcoming you to Jiwaji University, one of the finest institutions of higher learning in Central India. The University is situated in the city of Gwalior, which is the MUSICAL-CULTURAL capital of India. Gwalior has traditionally been the seat of power in India for several centuries, and has a unique heritage of great kings, saints, literates, visionaries and reformers. On one hand, India is re-emerging on the global scene and marching towards becoming an economic power and while on the other hand Gwalior is emerging as a hub for various facets of education. The University is poised to be an intellectual nerve center for this rapid growth and development.

Jiwaji University combines the best of ancient wisdom of India with futuristic mantra of '*Think Global and Act Local*'. You will find that continuity co-exists here with the change and traditional excellence thrives with the contemporary. It is to be mentioned here that the University is well placed to grapple with the challenges of creating thought and action in a wide range of spheres so as to progressively respond to the emerging societal needs of our country. We endeavor to inculcate in our students the spirit of competitive efficiency, an ability to re-invent themselves dynamically in their pursuit of global excellence. Our historic and serene campus is located in the North-East of Gwalior. You will find the lush green placid environs, state of art facilities, and an ideal atmosphere to pursue learning and conduct research.

Madhya Pradesh has proved its excellence in almost all fronts including higher education, information technology, biotechnology, and management. Several multinationals and research institutes are seeking this state for its resources such as technical skills, business acumen and wealth of knowledge. To touch the greater heights in various aspects of sciences, social sciences, management and technical education and to become a world-class institution, Jiwaji University proposes to start a Multidisciplinary Research Park at its campus. This would serve as a knowledge hub with active links with neighboring educational institutions, research institutes and business houses along with leading international Universities as research partners.

At the National level, Jiwaji University has signed Memorandum of Understanding with research institutes in recent years. The MOU would facilitate joint research, exchange of faculty and students. Jiwaji University is also planning to sign MOU with some of the foreign Universities in near future.

I am proud to record the excellent work done by our teachers in moulding the younger generation of tomorrow. Efforts are being taken to groom our students to become quality professionals so as to meet the standards of modern industry. The students are exposed to the current happenings in their specialized fields by way of international / National Seminars, Symposia and Conferences.

Each and every student brings his / her unique culture, tradition and perceptions to our University. I, personally welcome you to the Jiwaji University – Come and Contribute to this rich heritage and take away a unique learning experience, making it your gateway to success.

I am hopeful that the information you are looking for will be available in the pages ahead or on our web site "[www.jiwaji.edu](http://www.jiwaji.edu)". You may contact the specific School of Studies or Centers to gather the detailed information about the specific course in case of further clarification.

I wish you all the best in your quest for excellence.

**Prof. Mazaahir Kidwai**  
Vice-Chancellor

## University Officials

### Administrative Officer

Prof. M. Kidwai	Vice Chancellor
Prof. J. N. Gautam	Rector
Dr. Anand Mishra	Registrar
Prof. Rajiv Jain	D.C.D.C.
Dr. D. S. Chandel	Dean, Student Welfare
Dr. Keshav.S. Gurjar	Joint Dean, Student Welfare
Mr. P. K. Sharma	Finance Controller
Dr. Ram Gopal Garg	I/c University Librarian
Dr. Rajendra Singh	Director, Physical Education
Dr. I.K. Mansoori	Dy. Registrar, Conf./Exam
Mr. Ajay Verma	Dy. Registrar, Administration, Academic
Mr. Arun Chauhan	Dy. Registrar, Affiliation
Mr. Rajeev Mishra	Asst. Registrar, Conf./Exam
Mr. Sunil Khare	Asst. Registrar, Finance
Mr. U. S. Salsekar	Asst. Registrar, Secretary To V.C.
Mr. Pradeep K. Sharma	Statistical Officer
Mr. Sanjay Bartaria	Nodel Officer IT

### Faculty Deans

Prof. J.N. Gautam	Arts
Prof. Mahesh Prakash	Physical Science
Prof. A.P. S. Chauhan	Social Sciences
Prof. Sanjay Kulshrestha	Law
Prof. D.N. Goswami	Engineering Science
Dr. (Mrs.) Veena Agarwal	Medicine
Prof. Ashok K. Sharma	Education
Prof. Y.K. Jaiswal	Life Science
Prof. Shailja jain	Home Science

### Proctorial Board

Prof. C.P. Shinde	Proctor
Prof. Radha Tomar	Joint Proctor
Dr. Keshav S. Gurjar	Joint Proctor
Dr. S. K. Singh	Joint Proctor
<b>NSS</b>	
Prof. Fakruddin Saifi	NSS Programme Coordinator

### Director / Co-ordinator of Self-Supporting Courses

Prof. D.C. Tiwari	Electronics
Prof. D.N. Goswami	Institute of Engineering
Prof. K.K.Koul	Institute of Ethnobiology
Prof. S.K. Gupta	MICA, Pharmaceutical Chemistry, Environmental Chemistry
Prof. R. M. Agrawal	Food Technology
Prof. Umesh Holani	Distance Education
Dr. K.S. Thakur	MBA (Business Economics) and MBA (Hospital Administration)
Prof. Renu Jain	Computer Science
Prof. Sanjay Srivastava	MBA (CSMM), Industrial Chem.
Prof. Y.K. Jaiswal	Pharmacy
Prof. P. K. Tiwari	Neuroscience, Forensic Science
Prof. I. K. patro	Molecular Human Genetics
Prof. S. K. Dwivedi	Languages
Prof. Nalini Srivastava	Biotechnology
Prof. Ashok K. Sharma	MA Education, M.Phil. (Sociology)
Dr. Sanjay Gupta	MBA (e-commerce), PGDCA, BCA
Prof. Avinash Tiwari	Microbiology
Prof. R.A. Sharma	MBA (Heritage Tourism), BHM&CT, History
Prof. A.K.Singh	BTM, MBA (Tourism Administration)
Prof. Sanjay Kulshrestha	Law
Dr. S.N. Mahapatra	Remote Sensing & GIS
Prof. A. K. Shrivastava	Jyotirvigyan
Dr. Rajender Singh	Yoga,
Dr. Keshav Singh Gurjar	Physical Education
Dr. Rajendra Kumar Khatik	BBA
Dr. Hemant Sharma	Journalism
Dr. Yogesh Upadhyay	MBA(Part-Time)
Prof. A. P.S. Chauhan	PG Diploma (Retail Mgt., Fin. Admn., Mkt. Mgt.)
Dr. S. K. Singh	MBA Finance & M.A. Pub. Admn.
Dr. D.C. Gupta	Engineering Institute

### Heads School of Studies

Prof. Mahesh Prakash	Physics
Prof. A. K. Halve	Chemistry
Prof. Renu Jain	Mathematics & Allied Sciences
Prof. Sangeeta Shukla	Zoology
Prof. Rekha Bhadoria	Botany
Prof. R. J. Rao	Environmental Science

Prof. Ashok Sharma      NSS Programme Officer  
Dr. Sameer Bagywant      NSS Programme Officer

Prof. Nalini Srivastava      Biochemistry  
Prof. U.C. Singh      Earth Science  
Prof. A.P.S. Chauhan      Political Science & Public  
Administration

#### **University Hostel Wardens**

Prof. A.P.S. Chouhan      Chief Warden  
Dr. Radha Tomar      Mrignayni Girls Hostel  
Prof. Renu Jain      Tatyatope Girls Hostel  
Dr. Hemant Sharma      Aryabhata Hostel  
Dr. Keshav Gurjar      Capt. Roop Singh Hostel

Prof. S. K. Shukla      Economics  
Prof. S. K. Dwivedi      Archaeology  
Prof. Vivek Bapat      Life Long Education  
Prof. Umesh Holani      Commerce  
Dr. Yogesh Upadhyay      Management  
Dr. Hemant Sharma      Library and Information Science  
Dr. Sanjay K. Gupta      Computer Science and  
Applications

#### **SHAW Cell**

Prof. Rekha Bhadoria      Convener  
Prof. Radha Tomar      Member  
Prof. Vivek Bapat      Member

#### **SC / ST Cell**

Dr. Shanti Deo Sisodia      Convenor

#### **Equal Opportunity Cell**

Prof. Ajay K. Jain      Convenor  
Prof. Sanjay Gupta      Member  
Dr. Shanti Deo Sisodia      Member

#### **Others**

Prof. A. K. Shrivastava      Prof./I/C USIC,  
Prof. Ashok Sharma      Dy. Director Distance  
Education

#### **Career Counselling Cell**

Prof. R. J. Rao      Coordinator

#### **Nishaktijan Cell**

Dr. Sanjay Kumar Gupta      Coordinator

#### **University Guest House**

Mr. Arun Singh      Incharge  
Chauhan

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## निर्देशिका fu; e

## fo'lofo | ky; eal pkyr fofHlu iB; dleaei nsk l EcUhl l kkl; fu; e

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## ***Faculty of Arts***

### **School of Studies in Library & Information Sciences**

B.Lib. I.Sc.

M.Lib. I.Sc.

### **Centre for Journalism and Mass Communication**

Master in Journalism & Mass Communication (MJMC)

### **School of Studies in Languages**

M.A. Hindi, English, Sanskrit, French

Diploma in English, French, Sanskrit

Certificate in English, French

M.Phil. in English, French, Sanskrit

### **School of Studies in Jyotirvigyan**

M.A. Jyotirvigyan

## ***Faculty of Social Sciences***

### **School of Studies in Ancient Indian History, Culture & Archaeology (AIHCA)**

M.A. AIHCA

M.B.A. Heritage Tourism Management

M. Phil.

### **Regional Study Centre for Culture and Heritage**

M.A. History

M. Phil.

### **School of Studies in Economics**

M.A. Economics

MBA Business Economics

M. Phil.

### **School of Studies in Political Science and Public Administration**

M.A. Political Science

M.A. Public Administration

MBA Financial Administration

MBA Human Resource Development

P.G. Diploma in Retail Management

P.G. Diploma in Financial Administration

P.G. Diploma in Marketing Management, Advertising and Sales Administration

M.Phil. Political Science

M.Phil. Public Administration

## ***Faculty of Education***

### **School of Studies in Life Long Education Extension and Social Work**

M.A. Extension Education and Social Work (MSW)

M.A. Education

M.Phil. Sociology

## ***Faculty of Physical Sciences***

### **School of Studies in Chemistry**

M.Sc. Chemistry

M. Phil.

### **School of Studies in Environmental Chemistry**

M.Sc. Environmental Chemistry

M.Sc. Pharmaceutical Chemistry

M.Sc. Instrumentation & Commercial Methods of Analysis

### **School of Studies in Chemicals, Sales & Marketing**

MBA Chemicals, Sales & Marketings Management (CSMM)

M.Sc. Industrial Chemistry

### **School of Studies in Earth Science**

M.Sc. Geology

M.Sc. Remote Sensing and GIS

### **School of Studies in Mathematics and Allied Sciences**

M.Sc. Mathematics

M.Sc. Computer Science

M.Phil. Maths

**School of Studies in Physics**

M.Sc. Physics

M. Phil.

***Faculty of Engineering Sciences***

**School of Studies in Computer Science and Application**

Master of Computer Application (MCA)

M.B.A. e-Commerce

B.C.A.

P.G.D.C.A.

M.Phil. Computer Application

***Faculty of Life Sciences***

**School of Studies in Botany**

M.Sc. Botany

M. Phil.

**School of Studies in Microbiology**

M.Sc. Microbiology

**School of Studies in Biochemistry**

M.Sc. Biochemistry

**Indira Gandhi Academy of Environmental Education Research and Ecoplanning**

M.Sc. Environmental Sciences

M.Phil.

**School of Studies in Zoology**

M.Sc. Zoology

M.Phil.

**Centre for Genomics**

M.Sc. Molecular and Human Genetics

PGD in Forensic Science

**School of Studies in Neuroscience**

M.Sc. Neuroscience

***Faculty of Commerce***

**School of Studies in Commerce**

M. Com.

M. Phil.

***Faculty of Management***

**School of Studies in Management**

MBA (Full Time)

MBA (Part Time)

BBA

**Centre for Health Administration**

MBA (Hospital Administration)

**School of Studies in Tourism and Travel Management**

MBA (Tourism Administration)

Bachelor in Tourism Administration (BTM)

Bachelor of Hotel Management & Catering Technology (BHM&CT)

***Faculty of Engineering***

**School of Studies in Engineering and Technology**

B.E. – Chemical Engineering

B.E. – Electronics

***Faculty of Law***

**School of Studies in Law**

B.A.LL.B. (Five year integrated Course)

LL.M.

***Faculty of Technology***

**School of Studies in Pharmaceutical Science**

Bachelor of Pharmacy (B.Pharm)

**School of Studies in Biomedical Technology**

M.Sc. Biomedical Technology  
**School of Studies in Biotechnology**  
M.Sc. Biotechnology  
**Centre for Studies in Food Technology**  
M.Sc. in Food Technology

***Faculty of Physical Education***

**School of Studies in Physical Education**  
Bachelor of Physical Education (BPed)  
Master of Physical Education (MPed)  
M. Phil.

**Centre for Yogic Sciences**

P.G. Diploma in Yoga Therapy

***School of Studies in Distance Education***

B.A., B.Sc., B.Com. B.Lib.I.Sc. BBA, BJMC, BCA  
MBA (CSMM, RTM, HRD, FA), M.Lib.I.Sc. M.J.M.C.  
M.A. (English, Economics, Hindi, History, Sanskrit, sociology, Geography, Pol.Sc,  
Public Administration, Social Work,  
*P.G. Diploma in:*  
Psychological Counselling, Computer Applications, Yoga & Meditation

***University Science Instrumentation Centre (USIC)***

***Career and Counselling Cell***

***M. Phil.***

*Arts*

*Social Science*

*Physical Science*

*Engineering Science*

*Physical Education*

*Commerce*

***Detailed Fee Structure for various courses***

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# **Jiwaji University - An Overview**

Jiwaji University Gwalior came into existence on May 23, 1964, through M.P. Govt. Ordinance no. 15 of 1963. Late Dr. Sarvapalli Radhakrishnan, the then President of India, laid the foundation stone on 11th December 1964 at a sprawling campus of over 225 acres of land at Naulakha Parade ground. This was a generous contribution of Scindia family, in particular Kailashwasi Maharaja Shrimant Jiwaji Rao Scindia and late Rajmata Shrimati Vijayaraje Scindia. The institution was christened after the name of Kailashwasi Shrimant Jiwajirao Scindia as a standing memorial to his persona. The motto of the university is embedded in its logo *Vidya Prapyate Tejah*.

## ***About Gwalior***

Gwalior is an ancient and important city of the Madhya Pradesh. It is named after Rishi GALAV. It is located at the main track of North-Central railways and very well connected to all parts of the country. Trains starting from Delhi run towards Chennai, Bangalore, Goa, Trivendrum, Kanyakumari, Mumbai, Pune, Bhuvaneshwar, Raipur, Bilaspur, Vijaywada, Hyderabad, Vishakhapatnam, etc. stop at Gwalior. Various trains start from Gwalior towards Kolkata, Mumbai, Baruni, Kota, Varanasi, Allahabad, Kanpur, etc. It is also well connected by road and situated at Agra-Bombay highway. It is 120 Kms. south of Agra and 317 Kms. from Delhi.

It is famous for its sangeet gharana, named Gwalior Gharana. It is believed that the famous Gayak Tansen was from this city. Padam Vibhushan Ustad Amjad Ali Khan was born and brought up and trained in Gwalior. Ancient Gwalior huge fort has its own archeological and historical importance. Sun temple, a replica of Konark temple of Orisa was built by Birlas has its religious and tourist importance. A big TIGRA DAME a huge water reservoir forms the major source of drinking water for the city is another attraction of the region.

## ***University Jurisdiction***

The territorial jurisdiction of the University is spread over the districts of Gwalior, Bhind, Morena, Sheopur Kalan, Datia, Shivpuri and Guna. In the beginning, the university had 25 affiliated colleges but today more than 350 Government, Government aided and Private colleges are giving education to the students under its jurisdiction. These colleges are of Medical, Engineering, Science, Education, Nursing, Management, Arts and Commerce etc.

## ***Growth***

It is now almost forty seven years that University has witnessed a logarithmic phase of growth. It has also seen the strides that can parallel to any other national/ international academic institutions. The university fraternity has contributed with full strength for the growth of this institution which is flourishing and fragrant in the tough terrain of Chambal and Gwalior region and promoting the higher education for the better quality of life of the people.

During the IX-Plan, the University volunteered for assessment and accreditation by National Assessment and Accreditation Council (NAAC) of UGC. The committee has appreciated the approach of inter-disciplinary teaching, extra curricular activities, health and public awareness programs, healthy student-teacher relations, transparent admission procedure, cosmopolitan student profile, judicious use of resources and quality of research. The university has been accredited with "FOUR STAR" status. The university has now once again preparing for NAAC accreditation as earlier assessment period has expired. The UGC XI plan committee has also appreciated the performance of the university at various fronts.

## ***VVIPs Visits***

The university has witnessed the presence of various dignitaries in its campus. Some of them are Late Prof. Radha Krishnan, Shri Atal Bihari Vajpai, Dr. A.P.J. Abdul Kalam, Dr. Balram Jakhar, Dr. Rameswar Thakur, Ex- Governor and Kuladhipati, Dr. Murli Manohar Joshi, Dr. S S Dharkar, Padam Bhushan Ustad Amjad Ali Khan, Padam Bhushan Pandit Kishan Maharaj, Dr. R Chidambaram, Prof. P.K. Iyengar and Prof D P Agrawal, Hon'ble Justice Sri Syed Rafat Alam, Chief Justice of M.P., Hon'ble Justice Sri K.K. Lahoti, Hon'ble Justice Sri S.K. Gangele etc.

## ***Visits of Academic Dignitaries***

Outstanding academicians Dr.R. Chidambaram; Ex. Principal Scientific Advisor, Govt. of India, Prof. P.K.Iyengar, Prof. S.K.Joshi, Dr.V.C.Sahani, Director, BARC, Prof. P.N.Tandon, NBRC, Dr. K.P.S. Gill, Ex. Chairman Indian Hockey Federation, Padamvibhushan Prof. B. N Dhawan, Former Director CDRI, Prof. A.N.Mitra, Prof. P. Pushpangadan, Prof. D.P.Agrawal, Mr. Ved Prakash, Secretary, UGC and many eminent academicians from India and abroad visited the University and provided an academically enriched environment in the University.

## ***Programmes Taught***

The academic activities in the university campus were started with Postgraduate teaching and research in 1966 by establishing Schools of Studies in Botany and Zoology. This was followed by the establishment of other School of Studies viz. Physics, Chemistry, Ancient Indian History, Culture & Archaeology, Economics, Mathematics, Commerce and Management. School of Studies in Library & Information Science, Indira Gandhi Academy of Environmental Education, Research & Ecoplanning, Biochemistry, Earth Science, Political Science and Public Administration were added at later dates. The MBA and BBA programmes were also started under the faculty of Commerce and Management. BTM, MBA programme in Tourism & Travel Management and School of Languages have also come up. The UGC sponsored Department of Adult, Continuing and Extension Education were established a post graduate course in Extension Education and Social Work.

To cater to the needs of society, the University continued started a good number of courses under Self Supporting Programme, e.g., Microbiology, Biotechnology, Electronics, Computer Science, Instrumentation & Industrial Analysis, Computer Applications, Environmental Chemistry, Chemical Sales & Marketing Management, Business Economics, Financial Administration. The M.Sc. Neuroscience programme was initiated in 2001 with DBT-HRD support. The UGC innovative course in Remote Sensing & GIS was also started from the session 2002-2003. In addition, courses in Yoga and Jyotirvigyan have also been inducted from the same session. In 2003-2004, the university has started number of new courses, e.g., Biomedical Technology, Molecular and Human Genetics, e-Commerce, Food Technology, Medicinal Plants and Herbal Resource management, Journalism and Mass Communication, PGD Marketing Management: Advertising and Sales Administration. The School of Studies in Languages is imparting teaching for various courses leading to degree, diploma and certificate courses in Hindi, English, Sanskrit, French and M.Phil. in Sanskrit, Hindi and English. In academic session 2010-11, the university has started three new programmes viz. MBA Hospital administration, MBA Heritage Tourism Management and M.A. Education. In 2011-12, the students shall witness again four more academic programmes: PGD in Retail Management, PGD in Financial Administration, PGD in Forensic Science and Bachelor of Hotel Management & Catering Technology (BHM&CT).

Department of Physical Education has emerged on national scenario by organizing national tournaments in various events in sports. The department is imparting education for M.P.E., B.P.Ed. and C.A.F. courses. Large playgrounds with all facilities for outdoor games and a gymnasium for indoor games have made possible to organise various tournaments and encouraged the students to actively participate in university sports activities. School of Studies in Pharmaceutical studies runs courses for B.Pharm, and M.Sc. in Biomedical Technology. The Institute of Engineering imparts education in B.E. Electronics and B.E. Chemical Engineering. A five years integrated course of B.A.LL.B. and LL.M are being running in the Institute of Law. Under the guide lines of Distance Education Council New Delhi, University has established an Institute of Distance Education to promote education for the students of remote areas through distance mode of learning.

Majority of the courses in the School of Studies are based on semester system in which continuous evaluation of the students is carried out which keeps them busy in their studies round the year. The University also running M. Phil courses in most of the conventional subjects. All School Of Studies and Centres are imparting education in basic, advanced and Job oriented courses.

## ***Research Activities***

Several research projects sponsored by the Government of India and the State Government funding agencies, like UGC, DST, CSIR, DOE, DAE, DBT, ICMR, ICHR, MPCOST, CCRUM, MPSBB-Bhopal etc. have been sanctioned and completed successfully by various schools of studies. At present 50 projects worth Rs.10 crores are in operation in the faculties of Art, Social science, Commerce & Management, Life science, Engineering Science, Technology and Physical Sciences. The research laboratories are well equipped with the latest scientific instruments and expertise in the state of the art techniques in physical and biological sciences.

## ***Faculty Members***

All the teachers are highly qualified and many of them have been honoured with International and National Awards and Fellowships. They are actively engaged in research on current topics and guiding students for their M.Phil. and Ph.D. degrees. They have been regularly organizing and attending International and National Conferences, Seminars, Symposia Workshops etc. The teaching is imparted through conventional as well as with aid of latest audio-visual equipments.

Various faculty members have attended international conferences such as Prof. J.N. Gautam, Rector attended and chaired a session in International Conference held on Feb 27-28, 2012 at Muscat Oman, Dr. D.C. Gupta of Physics Department attended International Conference at Singapore,. The Faculty Members have also been awarded international fellowships such as Dr. S.K.Gupta, Prof. of Chemistry has been selected by Harvard University, Washington D.C. USA for Fulbright Nehru, Senior Research Fellowship for 2011-12, Dr. S. N.Mahapatra has been selected for Commonwealth Academic Staff Fellowship.

Prof. I.K. Patro, has been elected Fellow of National Academy of Sciences (India), Allahabad. Dr. K.S. Thakur has been awarded Indira Gandhi Vidya Gold Award for his contribution towards education,

### ***Research Facilities Available***

Most of the science departments are well equipped with most advance instrumentation facilities for research as well as teaching. A few important ones are : Transmission Electron Microscope, X-ray unit, Vacuum coating unit, Spectrophotometers (Visible & UV-Single beam & double beam), Vacuum concentrator, Research microscopes, Auto-analyser, Elisa readers, High speed refrigeration centrifuges, Image analyser, Automatic vibratome, Cryotomes, Gel-documentation systems, Scintillation counter, Chromatographic and Electrophoretic systems, Atomic Absorption spectrophotometer, real time PCRs Cell culture set-up etc. In addition to these major equipments, facilities of some other equipment are under the process of procurement. Facilities for tissue culture, cold room, radiation room are also being developed in certain departments. Recently Deptt. of Physical Education has procured a LASER Therapy Machine to cure Muscle Injuries.

### ***Convocation***

University is organising annual convocation to award Degrees to the passouts every year. In last few Convocations University has conferred Honoris Causa degrees of D.Sc to Padamvibhushan Dr. R Chidambaram and Prof. D P. Agrawal, D.Lit. to Tabla Maestro Padamvibhushan Pt. Kishan Maharaj, Padamvibhushan Ustad Amjad Ali Khan and Doctor of Medicine to Padamshree Dr. Dharkar. University has also decided to confer Honoris Causa degree of D.Lit. to Shri Atal Behari Bajpai, Ex. Prime Minister of India and out standing Cricketer Sachin Tendulkar but they could not spare time to come during the convocation held in 2010-11. The convocation for 2011-12 is going to be organised very soon.

### ***Extra Curricular Activities***

To fulfill its social responsibilities towards the nation, the university NSS department continuously organizes various activities. The University has inherited artistic and cultural attributes of the city of Gwalior. It has been honoured and awarded severel times at various places for the best performance and presentations by students. West Zone University, State and National level Youth Festivals have been organized by the university in recent years. M.P. State Inter University Youth Festival 2011-12 was hosted by Jiwaji University, Gwalior on Feb 25-27, 2012. In this Festival Jiwaji University was declared overall winner

### ***Sports***

The university offers outsatnding sports opportunities for students. The sports department is very well equipped for playing Basketball, Vollyball, Tennis, Bedminton, Football, Hockey, Cricket, Table tennis, Judo, Snooker, Air Shooting and Atheletics. The university organizes National, Inter-versity and Inter-zonal tournaments frequently. In near future, the university is in the process of constructing a swimming pool with international standards. University Women Hockey team has won All India Hockey Tournament in last academic session. University Women Hockey Team has won Gold Medal in West Zone Inter University Competition 2011-12. In All India Inter University Women Hockey Tournament 2011-12 the Women Hockey Team bagged silver medal. University also secured Gold Medal in All India Women Boxing Competition.

### ***Student Performance at National / International Level***

Every year several student qualify National level tests for research and professional services such as NET, GATE, SLET, IAS, IFS, IPS, PSC, etc. Students also participate in university state and National level sports and cultural activities and bring honours to the university. Many of the research students get various presitigious fellowships from abroad for Ph.D. and post doctoral research.

### ***University Awards and Medals***

Several medals have been instituted by the university and various eminent personalities in different subjects as a mark of honour to the meritorious and brilliant students of different faculties.

### ***University Campus***

The campus is planned in such a way that all the residents of the university including teachers, non- teaching staff and students have an easy access to all the daily needs and other facilities within a walking distance. Most of the teachers reside in the campus. There is an efficient team of Security Personnel that maintains safety and security of the campus.

The University Health Centre, situated in the campus provides First Aid and other basic medical facilities to all students, staff members, employees and their wards. A Medical Officer is available for consultation during morning and evening hours at the University Health Centre.

### ***Hostels***

Academically and socially very congenial environment is provided to all the students residing in the campus. The "Mrignayani Girls Hostel" and "Tatya Tope Girls Hostel" are situated within the campus. The hostels have all the required facilities with well furnished rooms. Appropriate security arrangements have also been made for these hostels. In view of the increasing strength of girl students, the existing accomodation is being extended to provide more rooms. One of the boys hostel named after Captain Roop Singh, a veteren hockey player is also located with in the campus to accommodate 150 students. Another boy's hostel is Arya Bhatta Hostel, which is also well furnished with the Internet and other recreation facilities.

### ***Administration***

The University has its Proctorial Office to maintain discipline, law and order, and to sort out the grivences of the students in the campus.

The university has its well defined academic calender and all activities go as per pre-decided schedule. The examinations are held in time and the results are also declared with in the stipulated time frame.

The Dean, Students Welfare looks after the problems and welfare of the students besides organising the cultural and extracurricular activities in the campus. He also prepares the students for their participation in youth festivals.

The meetings of various university bodies like Board of Studies, Research Degree Committee, University court, Academic Council and Executive Council are held regularly to update the syllabi, selection of suitable candidates for Ph.D. programmes, solving various other academic and administrative matters and making policy decisions.

### ***Academic Achievements***

- ❖ The academic calender was timely completed. The examinations were conducted as per the schedule of the academic calender.
- ❖ School of Studies in Zoology was identified for the financial support under Special Assistance Programme (SAP) of the University Grants Commission for 5 years.
- ❖ DST granted FIST support to the School of Studies in Zoology, Chemistry and Biochemistry / Biotechnology.
- ❖ UGC provided considerable financial support for teaching and research in Remote Sensing and GIS to the School Studies in Earth Science under its Emerging and Innovative Teaching programme for 5 years.
- ❖ UGC provided support to the teaching programme on Jyotirvigyan.
- ❖ The integrated teaching programmes were introduced between the subjects like Biochemistry, Biotechnology, Microbiology and Neuroscience for comprehensive and quality teaching.
- ❖ UGC had approved a course on M.Sc.Tech, in Industrial Maths with Computer application under its innovative programmes.
- ❖ The Distance Education council of India New Delhi, extended financial support as development grant to the Institute of Distant Education for development of self-instructional material for students, computerization, library facility, R & D, satellite link facility and quality assessment mechanism.
- ❖ Transmission Electron Microscope (TEM) was procured as Central Instrument Facility.
- ❖ MOU signed with several important premiers national and international research institutes such as CCMB (Hyderabad), NII (New Delhi), Neuroanatomy Department, University of Cologne, Germany, Institute of Pathology, New Delhi, to provide oppertunities for the M.Sc. students to get exposure to new scientific developments and carry out their project work.
- ❖ University has received a grant of Rs 9 million from department of Science and Technology.
- ❖ University has received Rs. 17 million from ICMR, New Delhi.
- ❖ University has received a grant of Rs. 4.85 million from DBT for Bioinfotech.
- ❖ University has received a grant of Rs. 23.18 million from DBT for HRD, New Delhi.
- ❖ University has received a grant of Rs. 3.10 million from C.S.I.R.
- ❖ University has received a grant of Rs.12.83 million from MPCCT.

- ❖ University has received a grant of Rs.29.50 million from DRDE.
- ❖ University has produced number of Ph.Ds in different subjects' during last five years. About 50 students have qualified NET about 50 students who have qualified GATE.
- ❖ The university has increased the number of scholarships to 20 and the amount of scholarship has also been increased to 5000/- per month. Two research projects for women scientist have been awarded in Neuroscience and Bio chemistry in last years.

### ***Seminar / Symposium / Workshop (s)***

- ❖ National Conference on 'Electronic Materials and Applications' organized by SoS in Electronics on June 10, 2011.
- ❖ Seminar on 'Animal Welfare and Environmental Pollution' organized by Indira Gandhi Academy of Environmental Education Research and Ecoplanning on June 20, 2011.
- ❖ World Tourism Day was celebrated on Sept. 27, 2011 by SOS in Tourism and Trends Management.
- ❖ Seminar on Biodiversity Characterization and Environmental Impact organized by SOS in Zoology on September 28-29, 2011.
- ❖ One day workshop on "Application of Remote Sensing and GIS in Geosciences" was organized in Geology Department for P & T Geography Teachers in October 2011.
- ❖ Conference on 'Special Functions and their Applications in engineering' was organized by School of Mathematics and Allied Sciences jointly with RJIT, Tekanpur, Gwalior on December 10, 2011.
- ❖ National conference on "Advances in Electronalytical chemistry" and "4th Alumni Meet was organized on December 23-24, 2011 by SOS in Chemistry.
- ❖ Training Workshop on 'Methods is molecular Analysis of complex Diseases' sponsored by Department of Biotechnology, Ministry of S&T, Govt. of India, New Delhi organised by Centre for Genomics and SoS in Zoology from February 20 to March 10, 2012.
- ❖ JU-MPCST Cell organised Science Day on 28.02.2012 and Prof. M. Kidwai Hon'ble Vice-Chancellor, Jiwaji University, Gwalior, delivered lecture on Green Chemistry: Today and Tomorrow.
- ❖ National Symposium on Frontiers in Biochemistry and Biotechnology was organised by SOS in Biotechnology and Biochemistry on March, 16-17, 2012.
- ❖ National Conference on Recent Trends in Zoology was organized by SOS in Zoology on March 12-14, 2012.
- ❖ National Seminar on 'State of Gender and Rights of Women: Focus on Deteriorating Female Sex Ratio, Feticide and infanticide in Gwalior Chambal Region in M.P.' was organized by SOS in Political Science and Administration on March 28-29, 2012.

### ***General Facilities at Campus***

University provides in house services of photocopying at subsidized rates to all its members including students. The facility of INFLIBNET has also become available to the researchers of the university to get free access to around 500 research journals and information (UGC INFONET) etc. Computer and internet facilities are available to the students since morning till late night in various schools of studies and in central library. With UGC grants university is starting Smart Classes in selected School of Studies to provide latest teaching facilities to the student.

Post Office, Central Bank of India, Cafeteria and a Milk Parlour are also located within the campus for easy approach to the students. Employment exchange and Student counselling centre are also located within the campus.

### ***Open University***

The study centres of Indira Gandhi National Open University, New Delhi and M.P. Bhoj (Open) University, Bhopal are also functioning in the University Campus.



### ***Future Academic Plan & Goals***

The University has submitted proposal to the Government of India for financial support to establish an **Institute of Advanced Technologies (IAT)** and a **Centre for Women Empowerment Studies**. The objectives of the IAT is to establish research and teaching centres in some of the most advanced scientific areas such as supercomputing, Nanotechnology, Neuroscience, Genomics and Biomedical Technology.

The University also has a mission of fulfilling its commitment in coming years towards the followings:

- ❖ To start new academic programmes as per National & Global needs.
- ❖ To focus advanced research and to make it more utility based & patent oriented.
- ❖ To establish strong University - Industry interaction to make education vocationally relevant.

## **GENERAL RULES OF ADMISSION IN VARIOUS COURSES**

### *Eligibility for Admissions and Other Related Rules*

#### **1.1 Minimum Percentage for Admissions and Eligibility for Appearing in Entrance Test -**

- 1.1.1 Minimum percentage and admission criteria for admission to courses being offered by the University are mentioned in the respective departmental profiles of this admission brochure. Almost in all the courses the minimum eligibility criteria is **50% marks in aggregate** in qualifying examination. A relaxation of 5% in the eligibility criteria shall be admissible to the bonafide SC/ST/OBC applicants of Madhya Pradesh only. A relaxation of 5% in eligibility will also be applicable to Physically Challenged (*Nishaktjan*) as defined by M.P. Government.
- 1.1.2 If some seats remain vacant in **non-entrance test based courses**, candidates who have secured a minimum of 45% aggregate marks in the qualifying examination can be given admission. But in such cases, no candidate (whatever category he/she belongs to) who has secured below 45%, will not be admitted.
- 1.1.3 The **candidates awaiting their results of qualifying examination** can also apply for admission but their final admission to the course shall be directed by point nos 6.1.4.7 and 6.2.3.4.
- 1.1.4 Candidates who have passed their qualifying examination from universities other than Jiwaji University are required to submit '**Eligibility Certificate**' issued by the Jiwaji University, Gwalior.
- 1.1.5 Fresh admission will be given only in first semester / first year of the course.

#### **1.2 Age Limit**

As per the government rules the upper age limit for admission to undergraduate courses is 22 years whereas for postgraduate degree and diploma courses it is 27 years as on **July 01, 2012**. A relaxation of three years in upper age limit for SC / ST / OBC and physically handicapped candidate shall be provided for the applicants of Madhya Pradesh only. For candidate belonging to physically challenged category upper age limit for admission to Graduate and Post Graduate classes will be 30 and 35 years, respectively. Upper age limit will not be applicable for the candidates sponsored by foreign / Indian / state government and the institutions directly or indirectly under their control or if the fees is paid in foreign currency for the payment seat. There is no upper age limit for female candidates and Yoga / LL.M. / Jyotirvigyan courses also. Age limit will also not be there for part-time courses, M.B.A. Hospital Administration and courses offered via distance mode.

#### **1.3 Non-Eligibility for Admission**

- 1.3.1 If the age is more than the requisite age.
- 1.3.2 Applicants appearing in supplementary examination of the qualifying examination.
- 1.3.3 Applicants who are already holding a Master's degree from a faculty shall not be eligible for the admission to a programme at same level in the same faculty as a regular candidate. Furthermore, a candidate, who has taken admission earlier in any course but left the course in between, due to whatever reason/s, will not be given regular admission in the same course.
- 1.3.4 An applicant convicted by the court of law in India or outside or one against whom cases are being tried in the court/s or challan has been presented or have verifiable allegations against them concerning misbehaviour/ beating of students/officers/employees or a person against whom disciplinary action has been taken by Jiwaji University or any other University shall not be eligible for admission.
- 1.3.5 A full time government employee/non-government employee cannot take admission in courses run during working hours. However, they can take admission in courses run after regular working hours. For the same they will have to produce a No Objection Certificate (NOC) from their employer.

## 1.4 Weightage in Admission Index

1.4.1 A weightage of 5 per cent of obtained marks in Entrance Test and 5 per cent of the index shall be given to the candidate, in both categories of the courses (entrance & non-entrance based respectively), holding following certificates:

- i. 240 hours participation in NSS activities at University level or B/C Certificate.
- ii. NCC "C" Certificate.
- iii. Cultural activities at Inter-University level / National level.
- iv. Sports activities at Inter-University level / National level.
- v. Qualifying exam from Jiwaji University or other Universities of M.P.

**Note:** *In any case, the total weightage would not exceed 5% of the index. For entrance test based courses the marks obtained in the test will be treated as index for calculation of weightage. Weightage will not be used for deciding eligibility. It will only be used to assign merit. In order to claim weightage requisite certificates should be enclosed alongwith the form. Any certificate produced after submission of forms will not be taken into consideration. If an applicant is eligible for weightage in more than one category, the benefit of the same will only be given in one category where highest weightage accrue to him/her.*

1.4.2 Physically challenged candidates will be given a weightage of 10% in marks obtained in qualifying examination/score of entrance exam, before calculating their index for admission.

1.4.3 Candidates who have done B.Sc. / B.A. / B.Com. Honours will be given a weightage of 10% in marks obtained in qualifying examination before calculating their index for admission.

## 1.5 Rules regarding allotment of Specialisation -

Wherever there is a provision of a number of specialisations/special paper, in a subject, the following criteria will be adopted to allot the specialisation/special paper:

1.5.1 Number of seats in each specialisation shall be equal. Depending upon the availability of students in III-semester, their exact number will be decided.

1.5.2 Allotment of a specialisation/special papers shall be done on the basis of his / her choice cum merit. The merit will be decided on the basis of the aggregate marks obtained in the preceeding semesters.

1.5.3 The University reserves the right to run or not to run a specialisation.

## 1.6 Admission to N.R.I and Sponsored seats -

1.6.1 For admission to N.R.I. seats candidates should have minimum required percentages in qualifying exams. He/She is not be required to appear in written exam.

1.6.2 For **admission to sponsored** seats the candidate should have the minimum eligibility as laid down for respective courses. However, he/she will not be required to appear in the entrance test. The candidate will be required to produce the sponsorship letter from his / her employer before counselling.

1.6.3 Candidates will be considered sponsored only if they secure sponsorship from foreign / Indian / state government and the institution/s directly or indirectly under their control or if the fees is paid in foreign currency for the payment seat.

1.6.4 The candidate will have to apply online and will have to pay the fee as prescribed for payment seat alongwith a sponsership fee of Rs 25000/- at time of admission. He/she will be required to take leave for the duration of the course.

## 1.7 Others

1.7.1 Additional information regarding rules for admission, if any, is included separately in the Prospectus under respective courses.

## 2. Reservation Policy and Conversion of Seats

2.1 Reservation of seats in courses offered by the University will be in accordance with the policy of Madhya Pradesh Government. The benefit of reservation will be available, **only** to the **domiciles of Madhya Pradesh**.

2.2 Of the total seats, 16 percent and 20 percent seats in courses will be reserved for applicants belonging to Scheduled Caste (SC) and Scheduled Tribes (ST) respectively. Seats of both these categories are interchangeable.

2.3 Of the total seats in a course, 14 percent seats will be reserved for applicants from OBC category (except who are in creamy layer).

2.4 Combined horizontal reservation of 3 per cent of the total seats in all categories will be given to sons/ grandsons/ daughters / granddaughters of freedom fighters, for sons/ daughters of permanently disabled defense personnel working and died, and physically challenged applicants from these categories. A combined merit list of all the three categories will be prepared after giving a weightage of 10 percent to physically challenged applicants from these categories but they will be admitted only on seats reserved for them in their respective reservation categories. If an applicant is eligible for weightage in more than one category, the benefit of the same will only be given in a category where highest weightage accrues to him/her.

2.5 A horizontal reservation of 3 percent of the total seats will be given in all categories to applicants from physically challenged category.

2.6 A horizontal reservation of 30 percent of the total seats will be for women applicants.

2.7 Two extra seats will be created in each course (except in course where admissions are made by an external agency like DTE etc.) for the following:

2.7.1 One seat for wards of regular teachers and officers of the University and

2.7.2 One seat for wards of regular Class III and Class IV employees of the University.

**(Ward here would mean husband, wife, son, daughter and dependent real brother/sister of the employee/teacher/officer. In this respect a certificate from the Registrar, Jiwaji University, Gwalior / Competent authority of the University shall be required)**

**Note:** These seats are interconvertible, and can be converted to other category (Officer to Employee or Vice -Versa) if they remain vacant.

2.8 If any reserved category candidate gets placed in general/open list on merit then the seat in reserved category will be un-effected, but if applicant belongs to the category such as Freedom Fighter (FF) etc., the seat reserved in that category will be treated as filled up.

2.9 If less than half seat falls under reservation then the seat will not be available, but in case the proportion of seat is between half and one it will be treated as one.

2.10 If reserved seats remain vacant on the day of counselling, the seat will be converted to open competition on the basis of merit.

2.11 To avail benefit of reservation a certificate from a Competent Authority should be produced.

2.12 The candidate (applicants) must indicate explicitly the category for which he / she wants to avail the advantage of reservation for admission. This option will, in no case, be allowed to be changed.

2.13 The candidate admitted under NRI category will not be transferred to any other category unless he/she has qualified entrance test and stands in merit.

- 2.14 Conversion of vacant seats among reserved categories (SC / ST / OBC) will be done as per M.P. Government directives. The mutual conversion will be applicable within the categories of SC and ST only. The process of conversion of vacant seats reserved for SC/ST/OBC seats will take place as mentioned in point no. 4.1.4.

### 3. How to Apply?

- 3.1 Firstly a student should have to go through the advertisement published in News papers and decide in which course she / he wants to apply. The students can also visit the website of the university viz. [www.jiwaji.edu](http://www.jiwaji.edu). After deciding the course/s in which she / he wish to apply, they need to visit the website of mponline i.e., **www.mponline.gov.in**. To get an access to the site of mponline, the student can go to the kiosks of mponline and ask the kiosk person for submission of admission form of Jiwaji University Gwalior. The kiosk person will help the student in filling the form. The student is required to carry with her / his two passport size recent photographs for getting it scanned for the admission form.
- 3.2 The student will have to fill her/ his name, father's name, mother's name, date of birth, category to which she/he belongs, nationality, place of birth, address for correspondence, extracurricular activities, status of the student whether she/ he is in service, and all her / his academic records viz. 10<sup>th</sup>, 12<sup>th</sup>, graduation and post graduation status. Beside this she / he will also have to fill up the name, occupation and address of her/ his father. At the end they will have to sign a declaration. The student will also have to write the contact phone number on the admission form.
- 3.3 The kiosk person will give the print outs of Admission Form, Receipt of payment and the Admit card bearing the **Roll number**. The candidates are required to send by speed post or registered post before the designated date printout of completed application form generated at Kiosk along with the photocopies of his testimonials viz. photocopies of all mark sheets, caste certificate, certificates related to the participation in NCC, NSS, Sport and Cocurricular activities to **The Chairman, Admission Committee, School of Studies in Economics, Jiwaji University Gwalior - 474011**. It can also be submitted by hand in any of the designated collection centres viz. SOS in AIHC&A, SOS in Management, SOS in Computer Science & Applications and Central Library located within Jiwaji University Campus.
- 3.4 Last date for submission of admission form through mponline is **June 25, 2012**. Last date for submission of admission form along with **late fee of Rs. 500/-** through mponline is **June 28, 2012**. The photo copies of completed application forms along with the testimonials must reach to **The Chairman, Admission Committee, School of Studies in Economics, Jiwaji University Gwalior -474011 by June 30, 2012**. It can also be submitted by hand in any of the designated collection centres viz. SOS in AIHC&A, SOS in Management, SOS in Computer Science & Applications and Central Library located within Jiwaji University Campus on or before **June 30, 2012**.
- 3.5 **For every course, Rs. 300/- as registration fee should be deposited in cash to the kiosk person (For example if a candidate applies for three courses she / he needs to deposit Rs. 900/-). A student is permitted to apply to a maximum of five courses.**
- 3.6 Applications for admission shall not be accepted after the last date as notified by the University. .

### 4. Particulars of Admission Process to Various Courses

All the courses being run by the University can be classified into two categories from the viewpoint of admission test

**Category - I                      Entrance Test Based Courses**

**Category - II                                      Non-Entrance Test Based Courses**

Details concerning admission to each category of courses are given below:

#### 4.1 Category - I                      Admission to Entrance Test Based Courses

The details of entrance test conducted by the University for Admission to these courses are as under;

Course	Format of Entrance Test	Date & Time of Entrance Test & Declaration of Results	Date of Counselling Time - At 09.30 A.M. Place - Galav Sabhagar																														
<b>Graduate</b> B.B.A / B.A.LL.B / B.C.A / B.T.M. / B.H.M.&T.C.	a. General Knowledge 25 Marks b. General English 25 Marks c. Numerical Ability 25 Marks d. Reasoning 25 Marks (25 questions in every section, total 100 questions) <b>Level - 10+2 Time – 90 Minutes</b>	Test: <b>09.30 – 11:00 AM</b> on <b>July 01, 2012</b>  <b>Result Declaration</b> Evening <b>July 02, 2012</b>	<b>Counselling</b> <b>For all categories - July 03, 2012</b>																														
<b>Physical Education</b> B.P.Ed.,  M.P.Ed.   (For detailed information kindly refer to particulars of SoS in Physical Education) * For only those students who secure place in final admission list.	<b>Paper - I</b>  <table><tr><td></td><td><b>B.P.Ed.</b></td><td><b>M.P.Ed.</b></td></tr><tr><td>Written Test</td><td>50 Marks</td><td>100 Marks</td></tr></table> <b>Time 01 Hour 02 Hours</b> <b>Level:</b> B.P.Ed.- General Knowledge in Sports, Physical Education and Aerobics M.P.Ed. - B.P.Ed. level (For detailed information kindly refer to particulars of SoS in Physical Education)  <table><tr><th colspan="3">Paper-II</th></tr><tr><td></td><td><b>B.P.Ed.</b> (Marks)</td><td><b>M.P.Ed.</b> (Marks)</td></tr><tr><td>Motor Fitness Test</td><td>100</td><td>100</td></tr><tr><td>Sports Performance Test</td><td>100</td><td>100</td></tr><tr><td>Group Discussion</td><td>10</td><td>10</td></tr><tr><td>Personality Test cum Interview</td><td>10</td><td>10</td></tr><tr><td>Personal Sports Achievements</td><td colspan="2">(Depending on the level of events - 03 to 30 marks)</td></tr><tr><td>Medical Fitness Test*</td><td>Fit</td><td>Fit</td></tr></table>		<b>B.P.Ed.</b>	<b>M.P.Ed.</b>	Written Test	50 Marks	100 Marks	Paper-II				<b>B.P.Ed.</b> (Marks)	<b>M.P.Ed.</b> (Marks)	Motor Fitness Test	100	100	Sports Performance Test	100	100	Group Discussion	10	10	Personality Test cum Interview	10	10	Personal Sports Achievements	(Depending on the level of events - 03 to 30 marks)		Medical Fitness Test*	Fit	Fit	<b>Test – 09.30 – 11:30 AM</b> on <b>July 08, 2012</b>  Physical fitness, Mortar test & Medical test: at Mahadaji University Sports Ground <b>July 09-11, 2012 from 6:00 AM onwards</b>  <b>Group Discussion and Interview – July 12, 2012</b> <b>Result Declaration - Evening July 12, 2012</b>	<b>Counseling</b> <b>For all categories July 13, 2012</b>
	<b>B.P.Ed.</b>	<b>M.P.Ed.</b>																															
Written Test	50 Marks	100 Marks																															
Paper-II																																	
	<b>B.P.Ed.</b> (Marks)	<b>M.P.Ed.</b> (Marks)																															
Motor Fitness Test	100	100																															
Sports Performance Test	100	100																															
Group Discussion	10	10																															
Personality Test cum Interview	10	10																															
Personal Sports Achievements	(Depending on the level of events - 03 to 30 marks)																																
Medical Fitness Test*	Fit	Fit																															
<b>Post Graduate (M.Sc.)</b>  Instrumentation & Commercial Methods of Analysis (MICA)  Environmental Chemistry  Pharmaceutical Chemistry	<b>Paper - I General (Compulsory)</b> a. Proficiency in English 25 Marks b. General Reasoning and General Intelligence 25 Marks c. General Awareness and General Science 25 Marks d. Numerical Ability 25 Marks (25 questions in every section, total 100 questions)  <b>Level -</b> The level of (a), (b) and (c) above will be mainly as per the foundation course of undergraduate level of M.P. Universities and for section (d) will be related to elementary mathematics.  <b>Time – 90 Minutes</b>	Test: <b>09.30 – 11:00 AM</b> On <b>July 15, 2012</b>																															

<b>Course</b>	<b>Format of Entrance Test</b>	<b>Date &amp; Time of Entrance Test &amp; Declaration of Results</b>	<b>Date of Counselling Time - At 09.30 A.M. Place - Galav Sabhagar</b>
Industrial Chemistry Biomedical Technology, Microbiology, Neuroscience, Food Technology, Biotechnology, Molecular Human Genetics (MHG)	<b>Paper – II - Electives</b> <b>Required to attempt any two electives:</b> a. Biotechnology 150 Marks b. Botany 150 Marks c. Chemistry 150 Marks d. Mathematics 150 Marks e. Microbiology 150 Marks f. Physics 150 Marks g. Zoology 150 Marks  ((75 questions in each elective, total 150 questions) <b>Level – Graduate Time - 150 Minutes</b>	<b>Test: 11.30 AM – 2:00 PM</b> on <b>July 15, 2012</b>  <b>Result Declaration</b> Evening <b>July 17, 2012</b>	<b>Counselling for M.Sc. courses</b> <b>All categories</b> <b>July 19, 2012</b>  <b>Counseling for</b> (Vacant seats) <b>July 29, 2012</b>
<b>Post Graduate – M.B.A.</b>  MBA (CSMM), MBA (Financial Administration), MBA (Tourism Administration) , MBA (Business Economics) , MBA (HRD), MBA (e-Commerce), MBA (Hospital Admn.) MBA (Heritage Tourism Management)	<b>Paper - I General (Compulsory)</b> a. Proficiency in English 25 Marks b. General Reasoning and General Intelligence 25 Marks c. General Awareness and General Science 25 Marks d. Numerical Ability 25 Marks  (25 questions in every section, Total 100 questions) <b>Level -</b> The level of (a), (b) and (c) above will be mainly as per the foundation course of undergraduate level of M.P. Universities and for section (d) will be related to elementary mathematics. <b>Total Time – 90 minutes</b>  <b>Paper - II</b> a. Interview 10 Marks b. Group Discussion 10 Marks	<b>Test: 09.30 – 11:00 AM</b> on <b>July 15, 2012</b>  From 09.00 AM on <b>July 16, 2012</b>  <b>Result Declaration</b> Evening <b>July 17, 2012</b>	<b>Counselling for MBA courses</b> <b>All categories</b> <b>July 18, 2012</b>  <b>Counseling for</b> (Vacant seats) <b>July 29, 2012</b>
<b>M.Phil.</b>  <b>(All Subjects)</b>	<b>Paper- I General (Compulsory)</b> a. Proficiency in English 25 Marks b. General Reasoning and General Intelligence 25 Marks c. General Awareness and General Science 25 Marks d. Numerical Ability 25 Marks (25 questions in every section, Total 100Marks) <b>Total Time – 120 minutes</b>  <b>Paper- II Optional :</b> Related to the subject (50 questions, Total 100 Marks) <b>Total Time – 60 minutes</b>		<b>Counseling for all categories</b> <b>July 24, 2012</b>  <b>in Respective Departments</b>

*In order to qualify for Under graduate, Physical Education, M.B.A. and M.Sc. Course, a candidate must secure in test at least 30% (25% for SC / ST / OBC) marks in paper I & II taken together. To qualify for M.Phil. Courses, a candidate must secure in test at least 40% (35% for SC / ST / OBC) marks in paper I & II taken together.*

- 4.1.1 The candidates are required to answer on Optical Response Sheet (OMR) with HB Pencil, which will be evaluated by OMR machine. They are, therefore, advised to bring HB PENCIL & ERASING RUBBER on the day of examination.
- 4.1.2 The list of successful candidates will be prepared in accordance of their merit in entrance test. The list will be prepared for General and Reserved category, separately. **However, if a candidate of reserved category find his/her merit in both the lists, he/she will have choice to opt any of these.**
- 4.1.3 In the event of more than one candidate standing at the same index, following order of preference will be observed.
- Candidate having passed the qualifying examination from Jiwaji University.
  - Candidate having passed the qualifying examination from other university of M.P.
  - Candidate having passed the qualifying examination from outside M.P.
  - Candidate having passed the qualifying examination in 2011.

#### 4.1.4 **Counselling**

- 4.1.4.1. Counselling for the admissions will be held on scheduled time at Galav Sabhagar. The admission will be finalised then and there at the time of counselling. ***Therefore, the candidates qualifying for counselling must report to the counselling team at Galav Sabhagar alongwith the Draft of the required fees in the name of the Registrar, Jiwaji University, Gwalior.*** Applicants who fail to appear for counselling will forfeit their claim for admission.
- 4.1.4.2. The candidate is required to be **present personally** before the counselling team. He/she should bring all the documents i.e., marksheets / degree pertaining to eligibility in original as well as proof (in original) of having passed the qualifying examination.
- 4.1.4.3. On July 03, 2012 and July 18-19, 2012 counselling shall be held for all graduate courses and post-graduate courses (except physical education), respectively as per merit from the common merit list. Candidates from the reserved category, who qualify with general category candidates shall be admitted on unreserved seats, provided they give option for the same. A Waiting List shall be prepared for each course. In this list names of only those students will be included who report on the day of counselling but could not get admission in the course for which they applied. These waiting lists shall be used for admission to vacant seats subsequently.
- 4.1.4.4. After completion of counseling process for unreserved seats on July 03, 2012 for graduate courses, the counselling for reserved category seats will commence on the same day on the basis of the respective merit lists. During the process of counseling on July 03, 2012, when the list of successful SC/ST/OBC category candidates also gets exhausted and the seats remain to be vacant, the same will be converted to unreserved category on the same day. An announcement in this regard will be made by the Registrar, Jiwaji University, Gwalior or any other Officer authorised to do so. These converted seats shall then be filled up from the candidates of general category. **If needed, counselling for vacant seats may be continued on July 04, 2012.**
- 4.1.4.5. Similarly, after completion of counselling process for unreserved seats on July 18, 2012 for MBA courses and on July 19, 2012 for M.Sc courses (except Physical Education Courses), the counselling for reserved category seats will commence on the same day. During the process of counseling on July 18, 2012 and July 19, 2012, when the list of successful SC/ST/OBC category candidates also gets exhausted and the seats remain to be vacant, the same will be converted to unreserved category on the same day, respectively. An announcement in this regard will be made by the Registrar, Jiwaji University, Gwalior or any other Officer authorised to do so. **If needed, counselling for vacant seats may be continued on July 20, 2012.** Afterwards, on July 29, 2012, counselling for vacant seats will be done.



- 4.1.4.6. To find the place in waiting list, candidates are advised to enter their names in **Reporting Register**, which will be available at the counselling venue. Candidates, who due to any reason whatsoever fail to enter their names in the Reporting Register, will not find place in waiting list. If a candidate fails to do the requisite, no claims will be entertained in this regard.
- 4.1.4.7. However, **candidates who have appeared** in the qualifying examination and their final result is awaited can be given provisional admission provided they are in the merit list and their aggregate percentages in the semesters/years before the pending examination results are more than the minimum required in the concerned course. They are required to give an undertaking to the effect that their admission may be deemed cancelled in case they fail to produce their result of qualifying examination, with required eligibility percentages, by **July 29, 2012** . In such cases there will be no refund of fee deposited and the given admission will stand cancelled.
- 4.1.4.8. After the counselling, if Counsellors are convinced, he/she shall be issued an admission slip upon production of which he / she shall be entitled to deposit the requisite fee at the Bank counter of the Central Bank of India, University branch immediately. After depositing fee the candidate has to submit one copy of the Receipt Challan with the concerning department / coordinator.
- 4.1.4.9. In case any of these conditions is not fulfilled by the candidate her / his candidature will be cancelled automatically.
- 4.1.4.10. In case a candidate fails to deposit **full fee** on the day / time of counselling then he/she will lose his/her candidature for admission and his/her seat will be allotted to the next candidate in the list. Further, after depositing the fees, if a candidate does not report back to the Department along with the fee receipt Challan then his/her case will be treated as nonacceptance of the offered admission and the offer will stand as withdrawn.
- 4.1.4.11. In case where any open seat (non-payment category) falls vacant in any course, first right to fill that open seat will rest with the candidate who is first in merit in payment category.
- 4.1.4.12. Efforts will be made to complete the counselling by the same day. However, it may continue on the next day. The candidates are advised to come prepared accordingly. All the candidates are required to remain present during all the counselling days / hours at the venue. **Failing to report at the time of call, the candidate will forfeit his / her claim for admission.**

## 4.2 Category - II Admission to Non-Entrance Test Based Courses

### 4.2.1 List of Courses

University conducts following courses in this category –

	Level	Course		
1.	Graduate	B.Lib.I.Sc.		
2.	Post Graduate	M.Lib.I.Sc.	M.Sc. in Physics	M.Com.
		M.A. English	M.Sc. in Electronics	M.Sc. in Chemistry
		M.A. French	M.Sc. in Mathematics	M.Sc. in Computer Science.
		M.A. Hindi	M.Sc. in Geology	L.L.M.
		M.A. Sanskrit	M.Sc. Remote Sensing and GIS	M.A. Ancient Indian History, Culture & Archaeology
		M.A. History	M.Sc.Environmental Sc.	Master of Journalism & Mass Comm. (MJMC)
		M.A. Extension Education & Social Work	M.A. Education	M.Sc. in Biochemistry
		M.A. Political Science	M.Sc. in Botany	
		M.A. Public Admn.	M.Sc. in Zoology	M.A. Economics
3.	P.G. Diploma	Marketing Management, Advertising and Sales Administration	Yoga Therapy	Retail Management
		Financial Administration	Computer Applications (PGDCA)	PGD in Forensic Sc.
4.	Diploma	French	English	
5.	Certificate	French	English	
6.	Courses conducted by Institute of Distance Education	B.A., B.Sc., B.Com., B.B.A. (RTM), B.Lib.I.Sc., BJMC, M.A. (Drawing & Painting, English, Economics, Geography, Hindi, History, Sanskrit, Sociology, M.S.W., B.Sc. (IT), M.Sc. (IT) MBA (C.S.M.M., RTM) (each of TWO years duration), MBA(General), P.G. Diploma in : Psychological Counselling, Computer Applications		

### 4.2.2 Admission Process

The rules and regulations for admission in above listed courses are as below:

4.2.2.1. Admission to these courses shall be made on the basis of merit in qualifying exam. The merit for admission shall be decided on the basis of **Index prepared on the basis of marks obtained in qualifying examination.**

#### 4.2.2.2. Rules to Derive Index -

- For admission to the courses in Schools of Studies of Sciences and Life Sciences as listed in Category II, a sum of total percentage of aggregate marks obtained in B.Sc. and total percentage of aggregate marks in theory of the respective subject in Parts I, II, III (all combined) shall form the Index Number. Finally, the Index Number is to be represented out of 100.
- For the courses under Social Sciences and Commerce, a sum of total percentage of marks in theory of B.Sc. /B.A. /B. Com. (All the Three years' combined) shall form the index number.

- iii. Admission to B.Lib.I.Sc. course shall be based upon percentage secured in qualifying examination. For the purpose of admission, higher marks secured at graduate level or post graduate level shall be included in the Index for admission.
- iv. For admission in M.Lib.I.Sc. course, marks secured in B.Lib.I.Sc. course or any degree recognized as B.Lib.I.Sc. shall be included in the Index.
- v. For various Under Graduate Degree, Diploma and Certificate courses the merit list will be prepared on the basis of aggregate marks of Higher Secondary Examination (10+2).

4.2.2.3 In the event of more than one candidate standing at the same index, following order of preference will be observed.

- i. Candidate having passed the qualifying examination from Jiwaji University.
- ii. Candidate having passed the qualifying examination from other university in M.P.
- iii. Candidate having passed the qualifying examination from outside M.P.
- iv. Candidate having passed the qualifying examination in 2012.

#### 4.2.3 **Counselling**

4.2.3.1. The list of the candidates eligible for admission in order of merit in the ***Non-Entrance-Test-Based Courses*** (Category II) will be displayed on the Notice Boards of the respective Schools of Studies on **July 09, 2012** by the evening and such candidates shall be eligible for counselling.

4.2.3.2. All the eligible candidates whose names appear in the above mentioned lists shall report for counselling in the respective School of Studies on **July 10, 2012 at 12:00 Noon**. He/she is required to bring following original documents alongwith a photocopy of each:

- a. Mark sheets of all years/semesters of qualifying exams;
- b. Transfer Certificate;
- c. Original copy of Eligibility Certificate (Only those candidates who have passed qualifying exam from some other University);
- d. Original copy of Migration Certificate (Only those candidates who have passed qualifying exam from some other University)

4.2.3.3. Admission of such candidates will be decided then and there at the time of counseling and they will be required to **deposit the fees immediately** after the issue of the admission slip. Therefore, the candidates reporting for counselling must bring the **Demand Draft of the required fees** in the name of the **Registrar, Jiwaji University, Gwalior** which must be deposited to the University immediately. After depositing the fees at the fee counter located at the bank, he/she should report back to the counselling team along with the fee receipt challan.

4.2.3.4. In courses **where the admissions are given on the basis of merit obtained** in qualifying examination, **provisional admission** can only be given if the seats are vacant and no candidate is available with required eligibility. But in such cases their aggregate percentages in the semesters/years before the pending examination results should be more than the minimum required in the concerned course. They are required to fetch an undertaking to the effect that their admission may be deemed cancelled in case they fail to produce their result of qualifying examination with required eligibility percentages by **July 29, 2012**. In such cases there will be no refund of fee deposited and the admission will stand cancelled.

4.2.3.5. In case any of these conditions are not met, the candidature will be cancelled automatically.

4.2.3.6. In case a candidate fails to deposit fees on the day/time of counselling then he/she will lose his/her candidature for admission and his/her seat will be allotted to the next candidate in the list. Further, after depositing the fees, if a candidate does not report back to the counselling team along with the fee receipt then his/her case will be treated as nonacceptance of the offered admission and the offer will stand withdrawn.

- 4.2.3.7. If a candidate is absent on the day of the counselling, he/she will be marked absent and will lose his/her candidature for admission.

## 5. Location of Entrance Test

- 5.1 **Test of Entrance Test Based Courses will be conducted in the University.** Exact location will be notified on the notice boards of Galav Sabhagar, Enquiry Office etc.
- 5.2 Admission process of Non- Entrance Test Based Courses will be conducted in respective departments.

## 6. Refund of Fee

- 6.1 If any candidate leaves the course before the **last counselling day i.e. July 29, 2012**, the fee will be returned to him/her after deducting 10% of the fees deposited by him/her. Only caution money will be refunded if a candidate leaves any course after the said date.
- 6.2 If a candidate seeks admission to another course offered by the University till **last counselling day**, the fees may be transferred to that course after deducting 10% of the total fee deposited. Thus, the candidate will be required to pay only 10% of the fee extra. No change in the subject / course will be permitted after **last counselling day**. An applicant will be permitted to change his/her course only once.
- 6.3 In cases where candidates have fetched an undertaking to the effect that their admission may be deemed cancelled in case they fail to produce their result of qualifying examination with required eligibility percentages by **July 29, 2012**, there will be no refund of fee deposited.
- 6.4 If a candidate desires to cancel his/her admission before the **last counseling day**, his/her fees will be refunded after deducting 10 % of the total fees of the course. However, if he/she applies for refund after the date of last counseling, he/she will get only the caution money refunded.
- 6.5 Where a provisionally admitted student is declared fail, his/her fee deposited will be refunded after deducting 10% of the fees deposited by him/her.

## 7. Other Important Points

- 7.1 Any situation, not covered by provisions mentioned in this Prospectus shall be referred to the Admission Committee which will work within the ambit of Act, Statutes and Ordinances of Jiwaji University, Gwalior and its decision shall be final.
- 7.2 The legal disputes, if any, shall be settled in the within the legal jurisdiction of Gwalior.
- 7.3 University reserves the right to start any of the courses mentioned in this prospectus.
- 7.4 For few courses of the University, entrance exam is conducted by the agency as shown in the table below

S.No.	Courses	Agencies that conduct Entrance Test
1-	B.E. Chemical/B.E. Electronics	M.P.- P.E.T. conducted by M.P. Professional Examination Board, Bhopal.
2-	M.C.A. and M.B.A.	Pre-M.C.A. and M.P.-M.E.T.- conducted by Madhya Pradesh Professional Examination Board, Bhopal.
3-	B.Pharma	MP- Pharma-JET, conducted by Madhya Pradesh Professional Examination Board, Bhopal.

The students who take admission through entrance test conducted by any external agency mentioned above will be required to procure and fill admission form of the Jiwaji University at the time of reporting for admission at the University.

- 7.5 Ragging, teasing, torturing or making nuisance in any way inside or outside the campus has been declared as a serious offence and strict action shall be taken against those who will be found involved in such activities.
- 7.6 If any incident of ragging comes to the notice of the University, the concerned student shall be given liberty to explain and if his/her explanation is not found satisfactory, the University would expel him/her from the institution.
- 7.7 If admitted students in a particular self supported course happen to be less than 05 in M.Phil. and 10 in all other courses University may not run such courses in 2012-13. In such cases the students will get refund of full fees. Fee from SC/ST Candidates shall be charged as per the rules of Govt. of M.P. The total fees paid by such candidates shall be decided on the basis of their parent's total annual income. However if such candidate take admission against a payment seat, they are required to pay payment fees at the time of admission in addition to the caution money.
- 7.8 In case it comes to the notice that an applicant was able to secure admission based on forged certificate/s or by furnishing wrong information, willingly concealing adverse facts or due to administrative or official negligence, his/her admission will be cancelled immediately.
- 7.9 If a student, after taking regular admission, is continuously absent for 15 days without proper reason or prior permission or prior information, his/her admission may be cancelled.

fo' ofo | ky; eal pkyr fofHlu iB; Øekaeaisk l EcU'h l kek; fu; e

## 1. iBsk dsfy; svgrkZ, oavU; l EcfU'kr fu; e

### 1.1 iBsk grqU; wre ifr'kr , oaiBsk ijkHk eacBus dh ik=rk &

- 1.1.1 विष्वविद्यालय के विभिन्न पाठ्यक्रमों में प्रवेश हेतु न्यूनतम प्रतिशत एवं प्रवेश अर्हता की जानकारी पाठ्यक्रम संचालित करने वाले विभाग के विवरण में इसी विवरणिका में दी गई है । लगभग सभी पाठ्यक्रमों में प्रवेश की अहर्ता, अहर्ताकारी परीक्षा में औसतन 50 प्रतिशत अंक पाना है । म0प्र0 के मूल रूप से निवासी अनुसूचित जाति, जनजाति एवं अन्य पिछड़ा वर्ग के अभ्यर्थियों को न्यूनतम अर्हता में 5 ifr'kr की छूट प्रदान की जायेगी। निःशक्तजनों (म0प्र0 शासन द्वारा परिभाषित) को प्रवेश के समय अर्हतादायी अंकों में 5 ifr'kr की छूट दी जायेगी।
- 1.1.2 निर्धारित अर्हता प्रतिशत के आवेदक के उपलब्ध न होने की स्थिति में, बिना प्रवेश परीक्षा वाले पाठ्यक्रमों में रिक्त स्थानों पर ऐसे आवेदक जिन्होंने अर्हताकारी परीक्षा में कम से कम 45 प्रतिशत अंक प्राप्त किये हैं, को प्रवेश दिया जायेगा। लेकिन किसी भी स्थिति में किसी भी ऐसे आवेदक को प्रवेश नहीं दिया जायेगा जिसके कि अर्हताकारी परीक्षा में 45 प्रतिशत से कम अंक हों, चाहे वह किसी भी वर्ग से संबंधित हो ।
- 1.1.3 ऐसे अभ्यर्थी जिन्होंने अहर्ताकारी परीक्षा दी है तथा अपने परीक्षा परिणाम का इन्तजार कर रहे हैं, वे भी प्रवेश हेतु आवेदन कर सकते हैं, लेकिन उनके अन्तिम प्रवेश परिणाम बिन्दु क्रमांक 6.1.4.7 एवं 6.2.3.4 से निर्दिष्ट होंगे ।
- 1.1.4 जिन अभ्यर्थियों ने अर्हताकारी परीक्षा जीवाजी विश्वविद्यालय के अतिरिक्त अन्य किसी विश्वविद्यालय से उत्तीर्ण की है, उन्हें इस विश्वविद्यालय का अर्हता प्रमाण पत्र प्रस्तुत करना होगा।

### 1.1.5 u; siBsk iB; Øekads dcy iFle l eLVj@iFle o"Zeagh fd; st k xA

### 1.2 vk; ql hek &

मध्य प्रदेश शासन के नियमानुसार 01 जुलाई, 2012 को Lukrd स्तर के पाठ्यक्रमों में प्रवेश हेतु अधिकतम आयु सीमा 22 o"K तथा LukrdHkj स्तर के पाठ्यक्रमों में अधिकतम आयु 27 o"K निर्धारित है। मध्य प्रदेश के अनुसूचित जाति, जनजाति, पिछड़ा वर्ग एवं शारीरिक रूप से अपंग अभ्यर्थियों के लिये अधिकतम आयु सीमा में 03 वर्ष की छूट प्रदान की जायेगी। निशक्त जन वर्ग के आवेदकों के लिए स्नातक कक्षाओं में प्रवेश की अधिकतम आयु सीमा 30 वर्ष एवं स्नातकोत्तर कक्षाओं में 35 वर्ष होगी। राज्य सरकार/भारत सरकार/विदेशी या अन्य ऐसे विभाग जो परोक्ष या अपरोक्ष रूप से इनके अधीन हैं, के द्वारा प्रत्याभूति छात्रों के लिये अधिकतम आयु सीमा का कोई बन्धन नहीं होगा। ऐसे छात्र जो पेमेन्ट सीट की निर्धारित फीस का भुगतान यदि विदेशी मुद्रा में करते हैं एवं महिला/छात्रा अभ्यर्थियों के लिये भी अधिकतम आयु सीमा का कोई बन्धन नहीं होगा। एल.एल.एम., भ्वेचपजंस ।कउपदपेजतंजपवदए एवं ज्योतिर्विज्ञान पाठ्यक्रमों में प्रवेश हेतु भी अधिकतम आयु सीमा का कोई बन्धन नहीं है। पार्ट टाइम, एम0बी0ए0 हास्पिटल एडमिनिस्ट्रेशन एवं दूरस्थ शिक्षण पाठ्यक्रम में प्रवेश लेने वाले अभ्यर्थियों के लिए भी अधिकतम आयु सीमा लागू नहीं होगी ।

### 1.3 iBsk grqvik=rk&

- 1.3.1 जिनकी आयु, निर्धारित आयु सीमा से अधिक है ।
- 1.3.2 ऐसे अभ्यर्थी जो अर्हतादायी परीक्षा की पूरक परीक्षा में शामिल हो रहे हैं ।

- 1.3.3 ऐसे अभ्यर्थी जिन्होंने किसी संकाय के एक पाठ्यक्रम में स्नातकोत्तर कक्षा उत्तीर्ण कर ली है, उन्हें उसी संकाय के अन्य समान स्तर के पाठ्यक्रम में नियमित प्रवेश नहीं मिलेगा। अगर कोई आवेदक किसी विषय में प्रवेश लेकर किन्हीं कारणोंवश अध्ययन जारी नहीं रखता है, या छोड़ देता है, तो उसे पुनः उसी विषय में नियमित प्रवेश की पात्रता नहीं होगी।
- 1.3.4 ऐसे अभ्यर्थी जो कि किसी सक्षम न्यायालय द्वारा दोषी सिद्ध किये जा चुके हैं या जिनके विरुद्ध किसी सक्षम न्यायालय में कोई प्रकरण विचाराधीन है परीक्षा में या पूर्व सत्र में विद्यार्थियों/अधिकारियों/कर्मचारियों के साथ दुर्व्यवहार/मारपीट करने के गम्भीर प्रमाणित आरोप हों या जिनके विरुद्ध इस विश्वविद्यालय अथवा अन्य किसी विश्वविद्यालय द्वारा कोई अनुशासनात्मक कार्यवाही की जा चुकी हो, वह सभी छात्र प्रवेश की पात्रता नहीं रखते हैं।
- 1.3.5 सरकारी/गैर सरकारी कर्मचारी उन पाठ्यक्रमों में प्रवेश नहीं ले सकते जो कार्यालयों के कार्यालयीन समय पर चलते हैं। फिर भी वे उन पाठ्यक्रमों में प्रवेश ले सकते हैं जो नियमित कार्यालयीन समय के उपरान्त संचालित होते हैं जिसके लिए उन्हें अपने नियोक्ता से अनापत्ति प्रमाण-पत्र प्रस्तुत करना होगा।

#### 1.4 **निम्नांकित प्रमाण-पत्र प्रस्तुत करने पर प्रवेश परीक्षा में प्राप्त अंकों पर एवं प्रवेश सूचकांक में 5% अधिभार दिया जायेगा। यह अधिभार प्रवेश परीक्षा आधारित एवं बिना प्रवेश परीक्षा आधारित पाठ्यक्रमों में अभ्यर्थी की मेरिट निर्धारित करते समय प्रदान किया जायेगा।**

- 1.4.1 निम्नांकित प्रमाण-पत्र प्रस्तुत करने पर प्रवेश परीक्षा में प्राप्त अंकों पर एवं प्रवेश सूचकांक में 5% अधिभार दिया जायेगा। यह अधिभार प्रवेश परीक्षा आधारित एवं बिना प्रवेश परीक्षा आधारित पाठ्यक्रमों में अभ्यर्थी की मेरिट निर्धारित करते समय प्रदान किया जायेगा।
- एन0 एस0 एस0 का 240 घण्टे कार्य करने सम्बन्धित या बी/सी प्रमाण-पत्र।
  - एन0 सी0 सी0 का सी सर्टिफिकेट।
  - राष्ट्रीय अथवा अन्तर्विश्वविद्यालयीन स्तर की सांस्कृतिक कार्यक्रमों में सहभागिता।
  - खेल-कूद के क्षेत्र में राष्ट्रीय / अन्तर्विश्वविद्यालयीन स्तर पर सहभागिता।
  - अहर्ताकारी परीक्षा यदि जीवाजी विश्वविद्यालय अथवा मध्यप्रदेश के अन्य विश्वविद्यालयों से उत्तीर्ण हो।

**उल्लेख -** फ़ॉर्म Hh volFk ea dy vf/HHj 05 lkr'kr l s vf/kd izku ugha fd; k t k sLA प्रवेश परीक्षा आधारित पाठ्यक्रमों में प्रवेश परीक्षा में प्राप्त अंकों को ही सूचकांक (Index) की गणना हेतु उपयोग में लाया जायेगा। vf/HHj का उपयोग अर्हता में नहीं किया जायेगा। इसका उपयोग केवल वरीयता क्रम निर्धारित करने में किया जायेगा। लाभदेयता से लाभान्वित होने हेतु सम्बन्धित प्रमाणपत्र आवेदनपत्र के साथ संलग्न करें। आवेदनपत्र जमा करने के पश्चात् जमा किये गये प्रमाणपत्र मान्य नहीं होंगे। यदि कोई आवेदक एक से अधिक श्रेणी में अधिभार की आर्हता रखता है तो उसे उस एक श्रेणी में ही अधिभार दिया जावेगा जिसमें उसकी पात्रता सर्वाधिक होगी।

- 1.4.2 शारीरिक रूप से अपंग आवेदकों के लिये उनके द्वारा अर्हताकारी परीक्षा/प्रवेश परीक्षा में प्राप्त अंकों के 10 प्रतिशत का अतिरिक्त लाभ प्रदान कर प्रवेश सूचकांक की गणना की जायेगी।
- 1.4.3 जिन आवेदकों ने बी.ए./बी.एस.सी./बी.कॉम. ऑनर्स किया है, उन्हें भी उनके द्वारा अर्हताकारी परीक्षा में प्राप्त अंकों के 10 प्रतिशत का अधिभार प्रदान कर उनके प्रवेश सूचकांक की गणना की जायेगी।

#### 1.5 **fof'kVhdj.k (Specialisation) nus l aU/kh fu; e &**

ऐसे पाठ्यक्रम जिनमें विशिष्टीकरण (Specialisation) को लेने का विकल्प है, के लिये विशिष्टीकरण प्रश्न-पत्रों में प्रवेश का निर्धारण निम्नानुसार किया जायेगा –

- 1.5.1 प्रत्येक विशिष्टीकरण हेतु बराबर स्थान उपलब्ध होंगे। उपलब्ध स्थानों की संख्या तृतीय सेमेस्टर के छात्रों की संख्या के आधार पर निर्धारित की जायेगी।
- 1.5.2 विशिष्टीकरण का आंवटन मेरिट तथा व्यक्तिगत पसंद के आधार पर किया जायेगा। मेरिट, पिछले सेमेस्टर में प्राप्त कुल अंकों के आधार पर निर्धारित की जायेगी।
- 1.5.3 किसी विशिष्टीकरण के चलाने या न चलाने का अधिकार विश्वविद्यालय के पास सुरक्षित रहेगा।

## 1.6 , u- vlgj- vkbZ , oai k kft r oxZdk i nsk &

- 1.6.1 एन. आर. आई. वर्ग के अंतर्गत प्रवेश प्राप्त आवेदकों का प्रवेश उस पाठ्यक्रम एवं संवर्ग के लिये निर्धारित अर्हताकारी परीक्षा में न्यूनतम प्रतिष्ठत होना अनिवार्य है। उन्हें प्रवेश परीक्षा में बैठने की आवश्यकता नहीं होगी।
- 1.6.2 प्रायोजित सीट्स पर प्रवेश उन्हीं आवेदकों को दिया जायेगा जो आवेदित पाठ्यक्रम में प्रवेश हेतु न्यूनतम अर्हता पूरी करते हों। उन्हें प्रवेश परीक्षा में बैठने की आवश्यकता नहीं होगी। काउन्सलिंग से पहले एक अभियर्थी को अपने नियोक्ता से प्रायोजित करने संबंधी पत्र प्रस्तुत करना होगा।
- 1.6.3 उन्हीं अभियर्थियों को ही प्रायोजित की श्रेणी में माना जायेगा जिन्हें राज्य सरकार/भारत सरकार/विदेशी या अन्य ऐसे विभाग जो परोक्ष या अपरोक्ष रूप से इनके अधीन हैं, के द्वारा प्रायोजित किया गया हो या उनके द्वारा पेमेन्ट सीट की निर्धारित फीस का भुगतान यदि विदेशी मुद्रा में किया जाता है।
- 1.6.4 उक्त आवेदकों को विवरणिका से साथ संलग्न आवेदन-पत्र में आवेदन करना होगा तथा प्रायोजित शुल्क रु. 25,000/- पेमेंट शीट के लिये निर्धारित शुल्क के अतिरिक्त जमा करने होंगे। उन्हें पाठ्यक्रम अवधि के दौरान नियोक्ता से अवकाश भी लेना होगा।

## 1.7 vUj -

- 1.7.1 प्रवेश नियमों से सम्बन्धित अतिरिक्त जानकारी विवरणिका में दिये गये प्रत्येक पाठ्यक्रम के विस्तृत विवरण में अलग से की गयी है।

## 2. l Wk d k vlgj {k k

- 2.1 e/; i nsk 'Wd u } j k f o f H u o x l d s f y ; s ? k k r v l g j { k k u l f r d o y e / ; i n s k d s e y f u o k l ; k d s f y ; s g h y k x w g k x l a
- 2.2 अनुसूचित जाति (अ.जा.) एवं अनुसूचित जनजाति (अ.ज.जा.) के आवेदकों के लिए 16 तथा 20 प्रतिष्ठत स्थान आरक्षित होंगे। इन दोनों वर्गों के स्थान आपस में परिवर्तनशील होंगे।
- 2.3 पिछड़े वर्ग के (चिकनी परत को छोड़कर) आवेदकों के लिए 14 प्रतिष्ठत स्थान आरक्षित होंगे।
- 2.4 स्वतन्त्रता संग्राम सेनानियों के पुत्र/पुत्रियों, पौत्र और पौत्रियों को, भारतीय सेना में कर्तव्य के दौरान वीरगति को प्राप्त अथवा स्थाई रूप से अपंग हुए सैनिकों के पुत्र/पुत्रियों, भूतपूर्व तथा वर्तमान में कार्यरत सेना के कर्मियों (Defence personnel) के आश्रितों को तथा निषक्तजन श्रेणी के आवेदकों के लिए संयुक्त रूप से 03 प्रतिष्ठत स्थान आरक्षित रखे जायेंगे। विकलांग आवेदकों को प्राप्तांकों के 10 प्रतिष्ठत अंकों का अधिभार देकर, तीन वर्गों का सम्मिलित गुणानुक्रम निर्धारित किया जायेगा, परन्तु यह आरक्षण संबंधित संवर्ग के लिए आरक्षित स्थानों में से ही उपलब्ध कराया जायेगा।
- 2.5 निषक्तजन श्रेणी के आवेदक के लिए 03 प्रतिष्ठत स्थान आरक्षित रखे जायेंगे परन्तु यह आरक्षण उनके संबंधित संवर्ग के लिए आरक्षित स्थान में ही उपलब्ध कराया जायेगा।
- 2.6 सभी वर्गों में उपलब्ध स्थानों में से 30 प्रतिष्ठत स्थान महिला छात्राओं के लिए आरक्षित होंगे।
- 2.7 बाह्य संस्थाओं जैसे (क्व आदि) द्वारा प्रवेश प्रक्रिया से संचालित होने वाले पाठ्यक्रमों के अतिरिक्त समस्त पाठ्यक्रमों में दो अतिरिक्त स्थान निर्मित होंगे।
- 2.7.1 एक स्थान विश्वविद्यालय के नियमित शिक्षकों एवं अधिकारियों के वार्ड्स के लिए।



2.7.2 एक स्थान विष्वविद्यालय के तृतीय एवं चतुर्थ श्रेणी के कर्मचारियों के वार्ड्स के लिए ।

वार्ड्स का आषय शिक्षक/अधिकारी/कर्मचारी के पति/पत्नी/पुत्र/पुत्री तथा उन पर निर्भर सगे भाई एवं बहिन से है । इस बावत् कुलसचिव, जीवाजी विष्वविद्यालय, ग्वालियर/सक्षम प्राधिकारी से आदेष्टित प्रमाणपत्र प्राप्त करना वांछनीय होगा ।

**इस प्रकार के निर्मित स्थान आपस में परिवर्तनीय होंगे ।**

- 2.8 आरक्षित श्रेणी का कोई उम्मीदवार अधिक अंक पाने के कारण सामान्य श्रेणी/ओपन प्रतिस्पर्धा में नियमानुसार मेरिट सूची में रखा जाता है तो आरक्षित श्रेणी की सीटें यथावत अप्रभावित रहेगी, परन्तु यदि ऐसा विद्यार्थी किसी संवर्ग जैसे – स्वतन्त्रता संग्राम सेनानी आदि का है तो संवर्ग की सीट उस आरक्षित श्रेणी में भरी मानी जायेगी ।
- 2.9 आरक्षित स्थान का प्रतिषत 1/2 से कम आता है तो आरक्षित स्थान उपलब्ध नहीं होगा । 1/2 प्रतिषत एवं एक प्रतिषत के बीच आने पर आरक्षित स्थान की संख्या एक होगी ।
- 2.10 प्रवेश की निर्धारित अंतिम तिथि तक आरक्षित स्थानों के लिये पर्याप्त छात्र/छात्रायें उपलब्ध न होने पर आरक्षित स्थान अनारक्षित श्रेणी के आवेदकों के लिए उपलब्ध रहेंगे ।
- 2.11 सक्षम जिला अधिकारी द्वारा प्रमाणित प्रमाण-पत्र प्रस्तुत करने पर ही आरक्षण एवं अतिरिक्त सीटों का लाभ देय होगा ।
- 2.12 उम्मीदवार (अभ्यर्थी) द्वारा प्रवेश परीक्षा हेतु आवेदन पत्रों में अंकित वर्ग, जिसमें उसके द्वारा आरक्षण का लाभ चाहा जा रहा है, का सुस्पष्ट उल्लेख किया जाय । इस विकल्प की किसी भी स्थिति में परिवर्तन की अनुमति नहीं होगी ।
- 2.13 जिन अभ्यर्थियों का प्रवेश एन0 आर0 आई0 सीट पर हुआ है, उनका स्थानान्तरण अन्य वर्ग की सीट्स पर नहीं किया जायेगा। लेकिन उसने अगर प्रवेश परीक्षा उत्तीर्ण की है तथा वह मेरिट सूची में प्रवेश हेतु पात्रता रखता है तो वह अपना स्थानान्तरण अन्य वर्ग की सीट्स पर करा सकता है ।
- 2.14 अनुसूचित जाति/जनजाति एवं अन्य पिछड़ा वर्ग के छात्रों के लिये आरक्षित स्थान रिक्त रहने पर उनका परस्पर रूपान्तरण मध्य प्रदेश शासन के नियमों के अनुसार किया जायेगा। **ijLij : iKlj.k dōy vuq fpr t kfr , oa t ut kfr ds fy; s fjDr vlfj{kfr LFku ds clp fd; k t loskA** अनुसूचित जाति/जनजाति एवं अन्य पिछड़ा वर्ग के स्थान रिक्त रह जाते हैं तो उनका : **iKlj.k fclhq dēkd 4-1 4 ds vuq kj glxk** ।

### 3. **vkōnu d\$ s dja\**

- 3.1 ऐसे छात्र जो प्रवेश के लिये आवेदन करना चाहते हैं उनको विज्ञापन का अवलोकन करना चाहिए यह विज्ञापन समाचार पत्र तथा विष्वविद्यालय की वेबसाईट [www.jiwaji.edu](http://www.jiwaji.edu) पर उपलब्ध रहेगा। विज्ञापन को देखकर छात्र को यह सुनिश्चित करना होगा कि उसे किस विषय एवं कितने विषयों में प्रवेश हेतु आवेदन करना है यह सुनिश्चित करने के पश्चात् छात्र को एम.पी. ऑनलाईन की वेबसाईट [mponline.gov.in](http://mponline.gov.in) पर जाना होगा उक्त साईट पर संपर्क करने के लिये छात्र एम.पी. ऑनलाईन के कियोस्क केन्द्र पर जाकर वहाँ उपस्थित जिम्मेदार व्यक्ति से जीवाजी विष्वविद्यालय में संचालित विभिन्न पाठ्यक्रमों में आवेदन करने के लिए कहेंगे। कियोस्क पर उपलब्ध व्यक्ति छात्र को आवेदन पत्र के प्रारूप को भरने में सहायता करेगा। कियोस्क पर जाते समय छात्र पासपोर्ट आकार के अपने दो छायाचित्र लेकर अवश्य जाये जिससे कि उन फोटो को स्कैन कर आवेदन पत्र पर चस्पा किया जा सके।

- 3.2 विद्यार्थी को आवेदन पत्र में अपना नाम, पिताजी का नाम, माताजी का नाम, जन्म दिनांक, कटेगरी जिससे कि वह संबंधित है, राष्ट्रीयता, जन्म स्थान, पत्र व्यवहार का पता, अन्य गतिविधियों में सहभागिता, छात्र सेवारत है या नहीं इसका प्रमाण, शैक्षणिक रिकॉर्ड, जैसे कि 10 वी, 12वी, स्नातक एवं स्नातकोत्तर स्तर की जानकारी भरना होगी। इसके अलावा उसे अपने पिताजी का नाम, व्यवसाय तथा पत्र व्यवहार हेतु पते की भी जानकारी प्रविष्ट करनी होगी। अन्त में छात्र को घोषणा भी हस्ताक्षरित करनी होगी तथा अपने दूरभाष क्रमांक की जानकारी भी आवेदन पत्र में देनी होगी।
- 3.3 कियोस्क पर उपस्थित व्यक्ति आवेदन पत्र भरने के पश्चात् विद्यार्थी को आवेदन पत्र, भुगतान की गई फीस की रसीद एवं प्रवेश-पत्र जिस पर कि छात्र को आवंटित रोल नंबर अंकित होगा, का प्रिंटआउट प्रदान करेगा। कियोस्क से प्राप्त भरा हुआ आवेदन फार्म अपनी सभी अंकसूची की फोटो कॉपी, जातिप्रमाण-पत्र, एन.सी.सी./एन.एस.एस./खेलकूद तथा अन्य गतिविधियों में सहभागिता के प्रमाण-पत्रों की फोटो प्रति लगाकर **v/; {k i n s k l f e f r} v F k Z M L = v/; ; u ' k y k t h o k t h f o ' o f o | k y ; ] X o k y ; j & 474011** को निश्चित दिनांक से पूर्व स्पीड-पोस्ट अथवा पंजीकृत डाक से भेजना होगी। छात्र उक्त दस्तावेज स्वयं उपस्थित होकर चिन्हित केन्द्र यथा— इतिहास अध्ययनशाला, प्रबन्ध अध्ययनशाला, कम्प्यूटर विज्ञान अध्ययनशाला, एवं पुस्तकालय में भी जमा कर सकता है।
- 3.4 एम.पी.ऑनलाईन के माध्यम से प्रवेश हेतु आवेदन पत्र भरने की अंतिम तिथि 25 जून 2012 है इसके पश्चात् 500/- रुपये विलम्ब शुल्क सहित 28 जून 2012 को एम.पी.ऑनलाईन के माध्यम से ही भरे जा सकेंगे। आवेदन-पत्र एवं प्रपत्रों की फोटों कॉपी विश्वविद्यालय प्रवेश समिति के कार्यालय में 30 जून 2012 तक आवश्यक रूप से पहुँच जाना चाहिए।
- 3.5 प्रत्येक पाठ्यक्रम के लिये पंजीयन शुल्क 300/- रुपये प्रथम से कियोस्क पर ही जमा करने होंगे। (अगर कोई छात्र तीन पाठ्यक्रम के लिये आवेदन करता है तो उसे 900 रुपये जमा करने होंगे।) छात्र अधिकतम **i k p i k B ; Ø e** के लिये आवेदन कर सकता है।
- 3.6 ऊपर वर्णित अंतिम तिथि के पश्चात् प्राप्त आवेदन पत्रों पर विश्वविद्यालय विचार नहीं करेगा।

#### 4. i k B ; d e l a e a i n s k i f Ø ; k

विश्वविद्यालय द्वारा संचालित सभी पाठ्यक्रमों में प्रवेश की दृष्टि से दो वर्ग हैं —

**oxZ & 1 i n s k i j h k k v k W f j r i k B ; Ø e**

**oxZ & 2 f c u k i n s k i j h k k v k W f j r i k B ; Ø e**

उक्त वर्गों में शामिल होने वाले पाठ्यक्रम एवं उनमें प्रवेश प्रक्रिया निम्नानुसार हैं —

4.1 **oxZ & 1 i n s k i j h k k v k W f j r i k B ; Ø e d e l a e a i n s k i f Ø ; k &**

विश्वविद्यालय द्वारा इस वर्ग के पाठ्यक्रमों में प्रवेश हेतु आयोजित प्रवेश परीक्षा का विवरण निम्नानुसार है

<b>i k B ; Ø e</b>	<b>i n s k i j h k k i k i</b>	<b>k o s k i j h k k d h f n u l d l e ; r F k i f j . k e d h ? W s k k</b>	<b>d k m f U f y a d h f r f f k l e ; &amp; प्रातः 09.30 पर L F k u - गालव सभागार</b>
<b>L u k r d</b> B.B.A./B.C.A./B.T.M./ B.A.L.L.B./B.H.M.&C.T	a. सामान्य ज्ञान 25 अंक b. सामान्य अंग्रेजी 25 अंक c. गणितीय योग्यता 25 अंक d. तर्क शक्ति 25 अंक <b>1/2 R, c l H k x e a 25 l d y i z u 100 1/2</b> <b>L r j &amp; 10+02 d y l e ; - 90</b> मिनट	<b>i j h k k - 01, जुलाई 2012,</b> प्रातः 09.30—11.00 <b>i f j . k e ? W s k k - 02,</b> जुलाई 2012, सायं	<b>d k m f U f y a</b> सभी वर्गों के लिए & 03 जुलाई, 2012 <b>l H h o x l z d s f y ,</b>
<b>' W g l f j d f ' k k l a U h i k B ; Ø e</b>	<b>W f e i j h k k &amp; c l o i l o , M D , e o i l o , M D</b>	<b>i j h k k - 08, जुलाई 2012,</b> प्रातः 09.30—11.30	

ikB; Øe	izsk ijhkk ik i	lkosk ijhkk dh fnukd] l e; rFk ifj. ke dh ?Nsk kk	dkmfU fyx dh frffk l e; & प्रातः 09.30 पर LFMu – गालव सभागार																											
B.P.Ed., M.P.Ed.	<p>लिखित परीक्षा 50 अंक 100 अंक समय 01 घंटा 02 घंटे</p> <p>Lrj &amp; बी0पी0एड0 – खेल, शारीरिक शिक्षा एवं एरोबिक्स में सामान्य ज्ञान । एम0पी0एड0 &amp; बी0पी0एड0 स्तर (विस्तृत रूपरेखा शारीरिक शिक्षा विभाग के विवरण में देखें )</p> <table><tr><th>f}rh ijhkk</th><th>ch0i h, MD (अंक)</th><th>, e0i h, MD (अंक)</th></tr><tr><td>मीटर फिटनेस परीक्षा</td><td>100</td><td>100</td></tr><tr><td>खेल परफ परीक्षा</td><td>100</td><td>100</td></tr><tr><td>समूह चर्चा</td><td>10</td><td>10</td></tr><tr><td>व्यक्तित्व परीक्षा एवं साक्षात्कार</td><td>10</td><td>10</td></tr><tr><td>व्यक्तिगत खेल उपलब्धियाँ</td><td colspan="2">(03 से 30 अंक, स्पर्धाओं के स्तर के अनुरूप)</td></tr><tr><td>मेडिकल फिटनेस परीक्षा*</td><td>फिट होना</td><td>फिट होना</td></tr><tr><td colspan="3">(विस्तृत रूपरेखा शारीरिक शिक्षा विभाग के विवरण में देखें )</td></tr><tr><td colspan="3">* केवल उन्हीं छात्रों के लिए जिनका अंतिम प्रवेश सूची में स्थान हो ।</td></tr></table>	f}rh ijhkk	ch0i h, MD (अंक)	, e0i h, MD (अंक)	मीटर फिटनेस परीक्षा	100	100	खेल परफ परीक्षा	100	100	समूह चर्चा	10	10	व्यक्तित्व परीक्षा एवं साक्षात्कार	10	10	व्यक्तिगत खेल उपलब्धियाँ	(03 से 30 अंक, स्पर्धाओं के स्तर के अनुरूप)		मेडिकल फिटनेस परीक्षा*	फिट होना	फिट होना	(विस्तृत रूपरेखा शारीरिक शिक्षा विभाग के विवरण में देखें )			* केवल उन्हीं छात्रों के लिए जिनका अंतिम प्रवेश सूची में स्थान हो ।			<p>09-11, जुलाई 2012, प्रातः 06.00 पर विश्वविद्यालय के खेल मैदान में</p> <p>Lleg pplZ , oa Lk(Wrdkj &amp; 12, जुलाई 2012, ifj. ke ?Nsk kk – 12, जुलाई 2012, सायं</p>	dkmfU fyx सभी वर्गों के लिए & 13 जुलाई, 2012
f}rh ijhkk	ch0i h, MD (अंक)	, e0i h, MD (अंक)																												
मीटर फिटनेस परीक्षा	100	100																												
खेल परफ परीक्षा	100	100																												
समूह चर्चा	10	10																												
व्यक्तित्व परीक्षा एवं साक्षात्कार	10	10																												
व्यक्तिगत खेल उपलब्धियाँ	(03 से 30 अंक, स्पर्धाओं के स्तर के अनुरूप)																													
मेडिकल फिटनेस परीक्षा*	फिट होना	फिट होना																												
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* केवल उन्हीं छात्रों के लिए जिनका अंतिम प्रवेश सूची में स्थान हो ।																														
Post Graduate (M.Sc.)  Instrumentation & Commercial Methods of Analysis (MICA) Environmental Chemistry Pharmaceutical Chemistry Industrial Chemistry Biomedical Technology,  Microbiology,  Neuroscience,  Food Technology,  Biotechnology,  Molecular Human Genetics (MHG)	<p>ikB; Øe izu i = &amp; l kkl; ¼vfuok Z½</p> <p>a. अंग्रेजी भाषा में दक्षता 25 अंक b. सामान्य तर्क एवं बुद्धि 25 अंक c. सामान्य ज्ञान एवं विज्ञान 25 अंक d. गणितीय योग्यता 25 अंक</p> <p>¼R d Hx ea25] dy izu 100½</p> <p>Lrj &amp; भाग a, b, एवं c का पाठ्यक्रम मध्य प्रदेश के विश्वविद्यालय में संचालित स्नातक स्तर के आधार पाठ्यक्रम एवं d भाग का पाठ्यक्रम सामान्य गणित पर आधारित रहेगा।</p> <p>dy l e; – 90 मिनट</p> <p>f}rh izu i = &amp; fodYih izsk ijhkk grqfuEu fdlgbanks fo" k l dck p; u</p> <p>a. बायोटेक्नोलॉजी 150 अंक b. वनस्पति विज्ञान 150 अंक c. रसायन शास्त्र 150 अंक d. गणित 150 अंक e. माइक्रो बायोलोजी 150 अंक f. भौतिक शास्त्र 150 अंक g. जन्तु विज्ञान 150 अंक</p> <p>¼R d fo" k eady izu 75 izu] dy 150 izu½</p> <p>Lrj &amp; Lukrd dy l e; – 150 मिनट</p>	<p>ijhkk – 15, जुलाई 2012, प्रातः 09.30-11.00</p> <p>ijhkk – 15, जुलाई 2012, प्रातः 11:30-2.00 ifj. ke ?Nsk kk – 17, जुलाई 2012, सायं</p>	<p>, e, l - l h ikB; Øe grq dkmfU fyx l Hh oxlZdsfy, 19 जुलाई. 2012</p> <p>l Hh oxlZdsfy, ½j Dr LFMu½- 29 जुलाई 2012</p>																											
LukrdLrj ikB; dæ & , e0cl0, 0 MBA CSMM, MBA Financial Administration, MBA Tourism Administration , MBA Business Economics , MBA HRD,	<p>ikB; Øe izu i = &amp; l kkl; ¼vfuok Z½</p> <p>a. अंग्रेजी भाषा में दक्षता 25 अंक b. सामान्य तर्क एवं बुद्धि 25 अंक c. सामान्य ज्ञान एवं विज्ञान 25 अंक d. गणितीय योग्यता 25 अंक</p> <p>¼R d Hx ea25] dy izu 100½</p> <p>Lrj &amp; भाग a, b, एवं c का पाठ्यक्रम मध्य प्रदेश के विश्वविद्यालय में संचालित स्नातक स्तर के आधार पाठ्यक्रम एवं d भाग का पाठ्यक्रम सामान्य गणित पर आधारित रहेगा।</p> <p>dy l e; – 90 मिनट</p>	<p>ijhkk – 15, जुलाई 2012, प्रातः 09:30-11.00 ifj. ke ?Nsk kk – 17, जुलाई 2012, सायं</p>	<p>, e-ch, - ikB; Øe grqdkmfU fyx l Hh oxlZdsfy, &amp; 18 जुलाई, 2012</p> <p>l Hh oxlZdsfy, ½j Dr LFMu½- 29 जुलाई 2012</p>																											

ikB; Øe	izsk ijhkk ik i	lkosk ijhkk dh fnukd] l e; rFk ifj. ke dh ?Nsk lk	dkmfU fyx dh frffk l e; & प्रातः 09.30 पर LFku – गालव सभागार
MBA E-Commerce, MBA Hospital Administration & MBA Heritage Tourism Management	fjrh ijhkk 10 अंक साक्षात्कार समूह परिचर्चा 10 अंक	ijhkk – 16, जुलाई 2012, प्रातः 09:00 से 12:30 तक ifj. ke ?Nsk lk – 17, जुलाई 2012, सायं	
M.Phil सभी विषय	Lrj & भाग a, b, एवं c का पाठ्यक्रम मध्य प्रदेश के विश्वविद्यालय में संचालित स्नातक स्तर के आधार पाठ्यक्रम एवं d भाग का पाठ्यक्रम सामान्य गणित पर आधारित रहेगा। dy l e; – 90 मिनट <b>Paper- I General (Compulsory)</b> a. अंग्रेजी भाषा में दक्षता 25 अंक b. सामान्य तर्क एवं बुद्धि 25 अंक c. सामान्य ज्ञान एवं विज्ञान 25 अंक d. गणितीय योग्यता 25 अंक <b>½ kl Hkx ea25] dy izu 100½</b> <b>Paper- II Optional : fo"kl sl xfl/r</b> 50 प्रश्न कुल अंक 100 कुल समय – 60 मिनट	ijhkk – 22, जुलाई, 2012, प्रातः 09:30 से 11:30 तक ifj. ke ?Nsk lk – 23, जुलाई, 2012, सायं	dkmfU fyx dh frffk l Hh oxldds fy, 24 t q/bZ 2012 <b>in Respective Depts.</b>

In order to qualify for Undergraduate, Physical Education, MBA and M.Sc. Courses a candidate must secure in test at least 30% (25% for SC / ST / OBC) marks in paper I & II taken together. To qualify for M.Phil. Courses a candidate must secure in test at least 40% (35% for SC / ST / OBC) marks in paper I & II taken together.

- 4.1.1 परीक्षा के दौरान आवेदकों को प्रश्नों के उत्तर OMR Sheet पर एच0बी0 पेंसिल से अंकित करने हैं जिनका मूल्यांकन ओ0एम0आर0 मशीन द्वारा किया जायेगा। अतः आवेदकों को परीक्षा के दिन एच0बी0 पेंसिल तथा रबर साथ लेकर आना है।
- 4.1.2 प्रवेश, प्रवेश परीक्षा में प्राप्त अंकों के आधार पर बनाई गयी मेरिट सूची के आधार पर किये जायेंगे। सामान्य एवं आरक्षित वर्ग के लिए सूची अलग-अलग बनायी जायेगी। अगर आरक्षित वर्ग का कोई अभ्यर्थी आरक्षित एवं सामान्य, दोनों वर्गों की सूची में स्थान पाता है तो वह दोनों विकल्पों में से किसी एक का उपयोग कर सकता है।
- 4.1.3 एक से अधिक अभ्यर्थियों का समान सूचकांक होने पर निम्नानुसार वरीयताक्रम निर्धारित किया जायेगा—
  - i अभ्यर्थी, जिन्होंने आहर्ताकारी परीक्षा जीवाजी विश्वविद्यालय से उत्तीर्ण की है।
  - ii अभ्यर्थी, जिन्होंने आहर्ताकारी परीक्षा मध्य प्रदेश स्थित अन्य विश्वविद्यालय से उत्तीर्ण की है।
  - iii अभ्यर्थी, जिन्होंने आहर्ताकारी परीक्षा मध्य प्रदेश के बाहर स्थित विश्वविद्यालयों से उत्तीर्ण की है।
  - iv जिन्होंने आहर्ताकारी परीक्षा 2012 में उत्तीर्ण की है।

#### 4.1.4 dkmU fyx

- 4.1.4.1. पाठ्यक्रमों में प्रवेश हेतु dkmU fyx fu?WZjr l e; ij xkyo l Hkxkj में शुरू होगी। काउन्सलिंग के समय ही अन्तिम रूप से प्रवेश दे दिया जायेगा। अतः प्रावीण्य सूची में अंकित छात्र काउन्सलिंग के समय निर्धारित फीस का बैंक ड्राफ्ट/नगद लेकर ( गालव सभागार ) के काउन्सलिंग हॉल में उपस्थित रहें। ऐसे अभ्यर्थी जिनके नाम प्रावीण्य सूची में तो है लेकिन वह काउन्सलिंग में उपस्थित नहीं होते हैं तो वह प्रवेश हेतु अपना अधिकार खो देंगे।

- 4.1.4.2. अभ्यर्थी को स्वयं काउन्सलिंग टीम के समक्ष उपस्थित होना है। वह एक दस्तावेज तैयार करेगा जिसमें निम्नलिखित जानकारी दी जाएगी: **1. व्यक्तिगत जानकारी:** नाम, पता, जन्म तिथि, लिंग, धर्म, जाति, वर्ग, आदि। **2. शैक्षणिक जानकारी:** स्कूल/कॉलेज का नाम, प्रवेश की तिथि, प्रवेश परीक्षा की तिथि, प्रवेश परीक्षा के परिणाम, आदि। **3. स्वास्थ्य जानकारी:** स्वास्थ्य की स्थिति, कोई भी बीमारी, आदि। **4. अन्य जानकारी:** कोई भी अन्य जानकारी जो उम्मीदवार को प्रवेश के लिए उपयोगी हो।

4.1.4.3. 03 जुलाई, 2012 को सभी स्नातक पाठ्यक्रमों तथा 18 एवं 19 जुलाई, 2012 को समस्त स्नातकोत्तर पाठ्यक्रमों (शारिरिक शिक्षा पाठ्यक्रम को छोड़कर) के लिये मेरिट के आधार पर समस्त स्थानों के लिये काउन्सलिंग होगी। आरक्षित श्रेणी का कोई छात्र जिसने अपना विकल्प इस हेतु दिया हो उसे इन स्थानों हेतु मेरिट के आधार पर योग्य पाये जाने पर अनारक्षित स्थान पर प्रवेश दिया जा सकता है। प्रत्येक पाठ्यक्रम के लिये एक प्रतीक्षा सूची तैयार की जायेगी। इस सूची में केवल उन्हीं छात्रों के नाम सम्मिलित किये जायेंगे जिन्होंने काउन्सलिंग के दिवस उपस्थिति दर्ज कराई गई है परन्तु उन्हें उस पाठ्यक्रम में प्रवेश नहीं दिया जा सका जिसमें उन्होंने आवेदन किया था। यह प्रतीक्षा सूची बाद में खाली हुए रिक्त स्थानों पर प्रवेश के लिये ही उपयोग में लायी जायेगी।

4.1.4.4. 03 जुलाई, 2012 को स्नातक पाठ्यक्रम के अनारक्षित स्थानों हेतु काउन्सलिंग प्रक्रिया समाप्त होने के पश्चात् आरक्षित स्थानों के लिये प्रावीण्य सूची के आधार पर उसी दिन काउन्सलिंग प्रारम्भ कर दी जायेगी। काउन्सलिंग के पश्चात् जब सफल अनुसूचित जाति/जनजाति एवं अन्य पिछड़ा वर्ग के अभ्यर्थियों की सूची समाप्त हो जायेगी और उसके पश्चात् भी 03 जुलाई, 2012 को कुछ स्थान रिक्त रहते हैं तो इन स्थानों को अनारक्षित वर्ग में परिवर्तित कर दिया जायेगा। इस संबंध में कुलसचिव, जीवाजी विश्वविद्यालय, ग्वालियर या अन्य अधिकृत अधिकारी द्वारा घोषणा की जायेगी। अगर आवश्यकता होगी तो काउन्सलिंग जुलाई 04, 2012 को भी जारी रखी जायेगी। तत्पश्चात् काउन्सलिंग जुलाई 29, 2012 को भी जारी रखी जायेगी।

4.1.4.5. इसी प्रकार 18 जुलाई, 2012 को एम.बी.ए. स्नातकोत्तर पाठ्यक्रमों (शारीरिक शिक्षा पाठ्यक्रमों को छोड़कर) के अनारक्षित स्थानों हेतु काउन्सलिंग प्रक्रिया समाप्त होने के एवं 19 जुलाई, 2012 को एम.एस.सी. पाठ्यक्रमों हेतु काउन्सलिंग समाप्त होने के पश्चात् आरक्षित वर्ग की प्रावीण्य सूची के आधार पर आरक्षित वर्ग के स्थानों हेतु काउन्सलिंग उन्हीं दिवसों में ही सम्पन्न होगी। काउन्सलिंग के पश्चात् जब सफल अनुसूचित जाति/जनजाति एवं अन्य पिछड़ा वर्ग के अभ्यर्थियों की सूची समाप्त हो जायेगी और उसके पश्चात् ही 18 एवं 19 जुलाई, 2012 को कुछ स्थान रिक्त रहते हैं तो उन्हीं दिवसों में इन स्थानों को अनारक्षित वर्ग में परिवर्तित कर दिया जायेगा। इस संबंध में 18 जुलाई, 2012 एवं 19 जुलाई, 2012 को कुलसचिव, जीवाजी विश्वविद्यालय, ग्वालियर या अन्य अधिकृत अधिकारी द्वारा सांय 5.30 बजे घोषणा की जायेगी। तत्पश्चात् 29 जुलाई, 2012 को रिक्त स्थानों के लिये काउन्सलिंग की जायेगी।

4.1.4.6. रिक्त स्थानों हेतु काउन्सलिंग में केवल उन्हीं अभ्यर्थियों को सम्मिलित होने की अनुमति दी जायेगी जिन्होंने पूर्व में काउन्सलिंग की तिथियों में अपनी उपस्थिति दर्ज कराई है तथा उनके नाम प्रतीक्षा सूची में हैं। प्रतीक्षा सूची में स्थान पाने के लिये अभ्यर्थी को सलाह दी जाती है कि वे काउन्सलिंग स्थान पर उपलब्ध उपस्थिति पत्रक में अपना नाम दर्ज करें, जो अभ्यर्थी उपस्थिति पत्रक में किसी कारणवश अपना नाम अंकित नहीं करेगा उसे प्रतीक्षा सूची में स्थान नहीं मिलेगा। यदि कोई अभ्यर्थी इन शर्तों को पूरा नहीं करता है तो उसका कोई भी दावा मान्य नहीं होगा।

4.1.4.7. ऐसे अभ्यर्थी जिन्होंने अहर्ताकारी परीक्षा दी है तथा अपने परीक्षा परिणाम का इन्तजार कर रहे हैं, वे भी प्रवेश हेतु आवेदन कर सकते हैं। इस प्रकार के अभ्यर्थियों को काउन्सलिंग के समय प्राविधिक प्रवेश दिया जा सकता है, अगर उन्होंने प्रवेश हेतु मेरिट में स्थान बनाया है तथा लंबित घोषित

परिणाम के पूर्व के सत्रों/वर्षों में उनके द्वारा प्राप्त औसत प्रतिषत उस पाठ्यक्रम हेतु आवश्यक न्यूनतम अर्हता प्रतिषत के बराबर अथवा अधिक हैं । किन्तु ऐसे आवेदकों को भी इस आशय का वचन पत्र देना होगा कि अगर वह अपना परीक्षा परिणाम 29 जुलाई 2012 तक निर्धारित न्यूनतम प्रतिषत के साथ उपलब्ध नहीं करवा पाते हैं, तो उनका प्रवेश निरस्त माना जाये। उक्त परिस्थिति में उनके द्वारा जमा शुल्क विश्वविद्यालय द्वारा किसी भी दशा में वापिस नहीं किया जायेगा।

- 4.1.4.8. परामर्श के दौरान परामर्शदात्री समिति के संतुष्ट होने पर वह अभ्यर्थी को एक पर्ची देगी जिसको दिखाकर अभ्यर्थी निर्धारित फीस, विश्वविद्यालय के कैश काउन्टर पर उसी समय जमा करेगा। फीस जमा करने के पश्चात् अभ्यर्थी फीस जमा करने की रसीद की एक प्रति संबंधित विभाग के पास जमा करेगा।
- 4.1.4.9. अगर अभ्यर्थी ऊपर वर्णित किसी भी शर्त का पालन करने में असमर्थ रहता है तो उसकी प्रवेश हेतु उम्मीदवारी स्वतः समाप्त समझी जायेगी।
- 4.1.4.10. अगर कोई अभ्यर्थी काउन्सलिंग के दिन/समय सम्पूर्ण फीस जमा नहीं करता है तो उसे प्रवेश नहीं दिया जायेगा तथा वह सीट उसके बाद जिस अभ्यर्थी का नाम होगा उसे दे दी जायेगी। फीस जमा करने के पश्चात् अभ्यर्थी फीस जमा करने की रसीद की एक प्रति संबंधित विभाग के पास जमा नहीं करता है तो यह समझा जायेगा कि उसे दिया गया प्रवेश मान्य नहीं है, तथापि प्रवेश रद्द माना जायेगा।
- 4.1.4.11. यदि कोई ओपन सीट किसी पाठ्यक्रम में खाली होती है तो उस दशा में उस सीट को भरने का प्रथम अधिकार उस छात्र का होगा जो पैमेंट सीट पर मैरिट में प्रथम स्थान पर है।
- 4.1.4.12. प्रयास यह होगा कि काउन्सलिंग एक दिन में ही पूर्ण कर ली जाये, लेकिन अगर आवश्यक हुआ तो उसे दूसरे दिन भी जारी रखा जा सकता है। सभी अभ्यर्थी इस परिस्थिती के लिये तैयार होकर आयें। सभी अभ्यर्थी काउन्सलिंग के दिन पूर्ण समय तक काउन्सलिंग हॉल में उपस्थित रहें। अगर वे उनका नाम पुकारे जाने के पश्चात् काउन्सलिंग टीम के समक्ष उपस्थित नहीं होते हैं तो उनका **inok grqv/kdj l ekr** समझा जायेगा तथा अगले अभ्यर्थी को प्रवेश दिया जायेगा।

## 4-2 oxZ& II fcuk inok ijhkk vk/kfjr iB; Øe eainok ifO; k &

### 4-2-1 iBz Øekadh l ph

विश्वविद्यालय द्वारा संचालित इस वर्ग के पाठ्यक्रम निम्नानुसार हैं –

### 4-2-2 inok ifO; k &

उपरोक्त पाठ्यक्रमों में प्रवेश हेतु नियम एवं रेगुलेशन निम्नानुसार हैं –

	Level	Course		
7.	Graduate	B.Lib.I.Sc.		
8.	Post Graduate	M.Lib.I.Sc.	M.Sc. in Physics	M.Com.
3		M.A. English	M.Sc. in Electronics	M.Sc. in Chemistry
		M.A. French	M.Sc. in Mathematics	M.Sc. in Computer Science.
		M.A. Hindi	M.Sc. in Geology	L.L.M.
		M.A. Sanskrit	M.Sc. Remote Sensing and GIS	M.A. Ancient Indian History, Culture & Archaeology
		M.A. History	M.Sc.Environmental Sc.	Master of Journalism & Mass Comm. (MJMC)
		M.A. Extension Education & Social Work	M.A. Education	M.Sc. in Biochemistry
		M.A. Political Science	M.Sc. in Botany	
		M.A. Public Admn.	M.Sc. in Zoology	M.A. Economics
9.	P.G. Diploma	Marketing Management, Advertising and Sales Administration	Yoga Therapy	Retail Management
3		Financial Administration	Computer Applications (PGDCA)	PGD in Forensic Sc.
10.	Diploma	French	English	
11.	Certificate	French	English	
12.	Courses conducted by Institute of Distance Education	B.A., B.Sc., B.Com., B.B.A. (RTM), B.Lib.I.Sc., BJMC, M.A. (Drawing & Painting, English, Economics, Geography, Hindi, History, Sanskrit, Sociology, M.S.W., B.Sc. (IT), M.Sc. (IT) MBA (C.S.M.M., RTM) (each of TWO years duration), MBA(General), P.G. Diploma in : Psychological Counselling, Computer Applications		
7				

4.2.2.1 इन पाठ्यक्रमों में **index of v/kj ij** काउन्सलिंग द्वारा दिया जायेगा। प्रवेश के लिये अभ्यर्थी की मेरिट इन्डेक्स, आर्हताकारी परीक्षा में कुल प्राप्तांक से निर्धारित की जायेगी।

4.2.2.2 **Index) fudkyus dsfy; sfu; e –**

- विज्ञान एवं जीव विज्ञान के वे पाठ्यक्रम जो कि **oxZII** में चिन्हित हैं में प्रवेश हेतु **bUMI** बी० एस-सी० परीक्षा में कुल प्राप्तांक का प्रतिशत एवं बी० एस-सी० प्रथम, द्वितीय एवं तृतीय वर्ष में सम्बन्धित विषय के सैद्धान्तिक प्रश्न पत्र में प्राप्त अंकों का प्रतिशत का योग होगा। इस **bUMI** को प्रतिशत में दर्शाया जायेगा।
- dyk l ekt foKku , oaokf.kt;** के विषयों के लिये बी० ए०/बी० एस-सी०/बी० कॉम० की परीक्षा के **l s kurd iz'u i=baiair val** का प्रतिशत इन विषयों में प्रवेश हेतु **bUMI** होगा।
- बी०लिब० में प्रवेश अर्हताकारी परीक्षा में प्राप्त प्रतिशत की मेरिट से होगा। प्रवेश हेतु, स्नातक या स्नातकोत्तर स्तर,, जिस भी स्तर पर भी अधिक अंक प्राप्त किये हैं, प्रवेश हेतु इन्डेक्स में शामिल किए जायेंगे।

- iv. एम0लिब0 में प्रवेश हेतु बी0लिब0 या यू0जी0सी0 द्वारा मान्य बी0लिब0 के समकक्ष पुस्तकालय विज्ञान में स्नातकोत्तर डिप्लोमा, जिस भी पाठ्यक्रम में अधिक अंक प्राप्त किये हैं, प्रवेश हेतु इन्डेक्स में शामिल किए जायेंगे
  - v. विभिन्न स्नातक स्तर के पाठ्यक्रमों तथा डिप्लोमा एवं सर्टिफिकेट स्तर के पाठ्यक्रमों में मेरिट 10 + 2 परीक्षा में कुल प्राप्तांक के प्रतिशत को आधार मानकर बनायी जायेगी।
- 4.2.2.3 एक से अधिक अभ्यर्थियों का समान सूचकांक होने पर निम्नानुसार वरीयताक्रम निर्धारित किया जायेगा—
- i अभ्यर्थी, जिन्होंने आहर्ताकारी परीक्षा जीवाजी विश्वविद्यालय से उत्तीर्ण की है ।
  - ii अभ्यर्थी, जिन्होंने आहर्ताकारी परीक्षा मध्य प्रदेश स्थित अन्य विश्वविद्यालय से उत्तीर्ण की है।
  - iii अभ्यर्थी, जिन्होंने आहर्ताकारी परीक्षा मध्य प्रदेश के बाहर स्थित विश्वविद्यालयों से उत्तीर्ण की है।
  - iv जिन्होंने आहर्ताकारी परीक्षा 2012 में उत्तीर्ण की है ।

#### 4-2-3 dkmU fyx

- 4.2.3.1 oxZII में दर्शाये गए पाठ्यक्रमों में प्रवेश हेतु अभ्यर्थियों की मेरिट सूची उनके इन्डेक्स के अनुसार प्रत्येक विभाग के सूचना पटल पर 09 t g/bZ2012 dks l k rd चस्पा कर दी जायेगी। सिर्फ वही अभ्यर्थी काउन्सलिंग के लिये पात्र होंगे, जिनके नाम इन सूचियों में हैं।
- 4.2.3.2 वे सभी अभ्यर्थी जिनके नाम प्रावीण्य सूची में हैं, वे fnuad 10 t g/bZ2012 dks vijkg 12%00 cts सम्बन्धित विभाग में काउन्सलिंग हेतु उपस्थित होंगे। वे अपने साथ निम्न प्रपत्र की मूल एवं एक फोटोप्रति लायेंगे —
- क. अर्हताकारी परीक्षा के सभी वर्षों/सत्रों की अंकसूची,
  - ख. टी0 सी0,
  - ग. अर्हता प्रमाण पत्र, की मूल प्रति (सिर्फ वह अभ्यर्थी जिन्होंने अर्हता परीक्षा अन्य विश्वविद्यालय से उत्तीर्ण की है )
  - घ. माईग्रेशन प्रमाण पत्र की मूल प्रति (सिर्फ वह अभ्यर्थी जिन्होंने अर्हता परीक्षा अन्य विश्वविद्यालय से उत्तीर्ण की है )
- 4.2.3.3 प्रावीण्य सूची के अनुसार अभ्यर्थी का प्रवेश काउन्सलिंग के समय ही निश्चित कर दिया जायेगा तथा उसे फीस जमा करने हेतु एक स्लिप दी जायेगी। इस स्लिप को दिखाकर वह निर्धारित फीस, फीस काउन्टर पर जमा करेगा तथा रसीद की एक प्रति काउन्सलिंग टीम के पास जमा करेगा। अतः अभ्यर्थी निर्धारित फीस का बैंक ड्राफ्ट जो कि कुलसचिव, जीवाजी विश्वविद्यालय, ग्वालियर के नाम देय होगा, लायेंगे अथवा कैश काउन्टर पर निर्धारित कैश जमा करेंगे। फीस जमा करने के पश्चात् अभ्यर्थी फीस जमा करने की रसीद की एक प्रति काउन्सलिंग टीम के पास जमा करेगा।
- 4.2.3.4 , d s i B; Øelae जहाँ प्रवेश हेतु केवल अर्हताकारी परीक्षा में प्राप्त प्रतिशत को प्रवेश हेतु मेरिट बनाने में शामिल किया जाता है वहाँ प्रावधिक प्रवेश स्थान रिक्त होने तथा कोई योग्य अभ्यर्थी उपलब्ध न होने पर ही दिया जा सकता है। किन्तु ऐसे अभ्यर्थियों द्वारा लंबित घोषित परिणाम के पूर्व के सत्रों/वर्षों में उनके द्वारा प्राप्त औसत प्रतिशत उस पाठ्यक्रम हेतु आवश्यक न्यूनतम अर्हता प्रतिशत के बराबर अथवा अधिक होना चाहिए । किन्तु ऐसे आवेदकों को भी इस आशय का वचन पत्र देना होगा कि अगर वह अपना परीक्षा परिणाम अंतिम काउन्सलिंग तक निर्धारित न्यूनतम प्रतिशत के साथ उपलब्ध नहीं करवा पाते हैं, तो उनका प्रवेश निरस्त माना जाये। उक्त परिस्थिति में उनके द्वारा जमा शुल्क विश्वविद्यालय द्वारा किसी भी दशा में वापिस नहीं किया जायेगा।



- 4.2.3.5 उपरोक्त कोई भी शर्तों या निर्देशों को पालन अभियर्थी के द्वारा नहीं करने पर उसका प्रवेश स्वतः निरस्त हो जायेगा ।
- 4.2.3.6 अगर कोई अभ्यर्थी काउन्सलिंग के दिन/समय फीस जमा नहीं करता है तो उसे प्रवेश नहीं दिया जायेगा तथा वह सीट उसके बाद जिस अभ्यर्थी का नाम होगा उसे दे दी जायेगी। फीस जमा करने के पश्चात् अभ्यर्थी फीस जमा करने की रसीद की एक प्रति काउन्सलिंग टीम के पास जमा नहीं करता है तो यह समझा जायेगा कि उसे दिया गया प्रवेश मान्य नहीं है, तथापि प्रवेश रद्द माना जायेगा।
- 4.2.3.7 काउन्सलिंग के दिन जो अभ्यर्थी अनुपस्थित रहते हैं, उन्हें अनुपस्थित मानकर उनका नाम प्रवेश सूची से हटा कर प्रवेश निरस्त कर दिया जायेगा।

## 5 i n s k i j h k k d k L F k u &

- 5.2 i n s k i j h k k v k W j r i B ; Ø e l a में प्रवेश हेतु लिखित प्रवेश परीक्षाये विश्वविद्यालय परिसर में आयोजित की जावेगी। विश्वविद्यालय परिसर में परीक्षा हेतु नियत स्थानों की जानकारी विश्वविद्यालय परिसर में स्थित गालव सभागार, पूछताछ केन्द्र आदि के सूचना पटल पर उपलब्ध रहेगी।
- 5.3 f c u k i n s k i j h k k v k W j r i B ; Ø e l a में प्रवेश प्रक्रिया संबन्धित विभाग में ही सम्पन्न होगी ।

## 6 ' k y d o k i l h l æ U h Å k o / k u

- 6.1 अगर कोई आवेदक अंतिम काउन्सलिंग के दिन ; F k k t g y k b Z 29] 2012 के पूर्व अपना प्रवेश निरस्त करा लेता है तो उसके द्वारा निर्धारित जमा की गई फीस में से 10 प्रतिशत फीस काटकर आवेदक को वापिस कर दी जावेगी। किन्तु इस तिथि के पश्चात् केवल प्रतिभूति धन ही वापिस किया जायेगा।
- 6.2 अगर अभ्यर्थी अपना प्रवेश किसी अन्य पाठ्यक्रम में स्थानान्तरण, अंतिम काउन्सलिंग तक कराता है तो उसके द्वारा जमा की गयी फीस में से 10% राशि काटकर परिवर्तित पाठ्यक्रम में स्थानान्तरण कर दी जावेगी। तथापि अभ्यर्थी को परिवर्तित पाठ्यक्रम में कुल फीस का केवल 10% का भुगतान और करना होगा। अंतिम काउन्सलिंग के बाद पाठ्यक्रम/विषय में कोई परिवर्तन नहीं होगा । अभ्यर्थी केवल एक बार ही पाठ्यक्रम परिवर्तित करवा सकता है।
- 6.3 यदि किसी आवेदक ने इस आषय का वचनपत्र दिया है कि यदि वह अपनी अर्हतादायी परीक्षा का परिणाम 29 जुलाई, 2012 तक निर्धारित न्यूनतम प्रतिषत के साथ उपलब्ध नहीं करवा पाता है तो उसका प्रवेश निरस्त माना जाये । उस दशा में यदि आवेदक 29 जुलाई, 2012 तक परीक्षा परिणाम प्रस्तुत नहीं कर पाता है तो उसके द्वारा जमा शुल्क विश्वविद्यालय द्वारा वापिस नहीं किया जायेगा ।
- 6.4 ऐसे आवेदक जिन्होंने किसी भी पाठ्यक्रम में प्रवेश लिया है एवं वह विभिन्न कारणों से अंतिम काउन्सलिंग के पूर्व प्रवेश को निरस्त करवाते हैं तो उन्हें 10 प्रतिशत राशि काटकर शेष राशि आवेदक को वापिस कर दी जावेगी। किन्तु अगर आवेदक अन्तिम काउन्सलिंग के पश्चात् फीस वापिस हेतु आवेदन करता है तो उसे केवल प्रतिभूति धन ही वापिस किया जावेगा।
- 6.5 अगर प्रावधिक प्रवेश प्राप्त छात्र बाद में फेल घोषित होता है तो उसे 10 प्रतिशत राशि काटकर शेष राशि वापस कर दी जायेगी ।

## 7 v U , e g B i w Z f c l h q &

- 7.1 कोई ऐसे विशेष प्रकरण से सम्बन्धित जानकारी, जिसका कि उल्लेख इस विवरणिका में नहीं हुआ हो, को प्रवेश समिति को हस्तांतरण कर दिया जायेगा। यह समिति जीवाजी विश्वविद्यालय के अधिनियम, संबंधी एवं अध्यादेशों द्वारा निर्धारित सीमा के अन्दर कार्य करेगी तथा इसका निर्णय अंतिम होगा।
- 7.2 कानूनी मतभेदों का निराकरण ग्वालियर परिक्षेत्र स्थित न्यायालय में ही किया जायेगा।
- 7.3 विवरणिका में दर्शाये किसी पाठ्यक्रम को चलाने या न चलाने का अधिकार विश्वविद्यालय के पास सुरक्षित रहेगा।
- 7.4 विश्वविद्यालय के कुछ पाठ्यक्रमों हेतु प्रवेश परीक्षा पाठ्यक्रमों के समक्ष दर्शाई गयीं एजेन्सियों द्वारा सम्पन्न करायी जाती है—

क्र.सं.	विषय	परीक्षा
1.	B.E. Chemical/B.E. Electronics	M.P.- P.E.T. conducted by Madhya Pradesh Professional Examination Board, Bhopal.
2.	M.C.A. and M.B.A.	Pre-M.C.A. and M.P.-M.E.T.- conducted by Madhya Pradesh Professional Examination Board, Bhopal.
3.	B.Pharm	MP- Pharma-JET, conducted by Madhya Pradesh Professional Examination Board, Bhopal.

जो छात्र उपर्युक्त बाह्य एजेन्सी की प्रवेश परीक्षा के माध्यम से उपर्युक्त पाठ्यक्रमों में प्रवेश लेते हैं, उन्हें भी विश्वविद्यालय की प्रवेश विवरणिका क्रय कर विश्वविद्यालय का प्रवेश आवेदन-पत्र भी भरना होगा।

- 7.5 विश्वविद्यालय कैम्पस के अन्दर या बाहर रेगिंग, छेड़खानी, उत्पीड़न तथा उपद्रव करना गम्भीर अपराध की श्रेणी में आता है। जो अभ्यर्थी परिसर के अन्दर या बाहर यह सब करते पाये जायेंगे, उनके खिलाफ सख्त अनुशासनात्मक कार्यवाही की जायेगी।
- 7.6 यदि रेगिंग की कोई घटना विश्वविद्यालय की जानकारी में आती है तो सम्बन्धित छात्र को स्पष्टीकरण देने का अवसर प्रदान किया जायेगा। यदि उसका स्पष्टीकरण संतोषजनक नहीं पाया जाता है तो विश्वविद्यालय उसे संस्था से निष्काशित कर देगा।
- 7.7 यदि एम0 फिल0 पाठ्यक्रम में 05 तथा अन्य पाठ्यक्रमों में 10 से कम संख्या में वर्ष 2012-13 में छात्र प्रवेश लेते हैं तो ऐसे पाठ्यक्रमों को संचालित न करने का निर्णय विश्वविद्यालय द्वारा लिया जा सकता है इस दशा में छात्रों को उनके द्वारा जमाशुल्क की समस्त राशि वापिस कर दी जावेगी।
- 7.8 अनुसूचित जाति/जनजाति के छात्रों से शुल्क मध्यप्रदेश शासन के नियमानुसार लिया जावेगा। उक्त छात्रों द्वारा दी जाने वाली शुल्क का निर्धारण उनके अभिभावकों की कुल आय के आधार पर किया जावेगा। यदि उक्त छात्र पेमेन्ट सीट पर प्रवेश लेते हैं तो उन्हें प्रवेश के समय कॉषन मनी के अलावा पेमेन्ट शुल्क का भी भुगतान करना होगा।
- 7.9 जाली प्रमाणपत्रों के आधार पर या गलत जानकारी देकर, जानबूझकर अथवा छिपाये गये प्रतिकूल तथ्यों या अन्य किसी प्रशासकीय अथवा कार्यालयीन असावधानीवश किसी आवेदक को यदि प्रवेश मिल जाता है तो उसके संज्ञान में आने पर ऐसे प्रवेश को निरस्त करने का पूर्ण अधिकार विश्वविद्यालय को होगा।
- 7.10 नियमित प्रवेश लेने के बाद बिना किसी समुचित कारण अथवा बिना पूर्व अनुमति या पूर्व सूचना के लगातार 15 दिन तक अनुपस्थित रहने वाले विद्यार्थियों का प्रवेश निरस्त कर दिया जायेगा।

## ***Faculty of Arts***

- **School of Studies in Library & Information Sciences**  
B.Lib. I.Sc.  
M.Lib. I.Sc.
- **Centre for Journalism and Mass Communication**  
Master in Journalism & Mass Communication (MJMC)
- **School of Studies in Language**  
M.A. Hindi, English, Sanskrit, French  
Diploma in English, French  
Certificate in English, French  
M.Phil. in English Hindi, Sanskrit
- **School of Studies in Jyotirvigyan**  
M.A. Jyotirvigyan

## SCHOOL OF STUDIES IN LIBRARY AND INFORMATION SCIENCE

### Programme/s Offered:

- Bachelor of Library and Information Science (B.Lib.I.Sc.)
- Master of Library and Information Science (M.Lib.I.Sc.)
- Ph.D.



### Profile of the Department:



School of Studies in Library and Information Science was established in the University in 1984 to impart quality education and modern skills in the field to the students of the region leading to Bachelor's Degree in Library and Information Science and Master Degree in Library and Information Science. The Department is extensively engaged in teaching, research and career guidance too. The majority of the pass outs from the department have occupied good positions throughout the country. In the new millennium, the department is planning to establish a highly efficient computerized information system in the University. This job oriented course has been modernized with use of the latest equipment in teaching and training at degree, post graduate and research level.

### B. Lib. Information Science (One year : Two Semesters)

**Eligibility :** Graduation with 50% marks.

**Available seats :** Open = 20    Payment = 15    NRI = 05

**Mode of Selection :** On the basis of merit in index based qualifying examination. The highest marks obtained either at Graduate or Post Graduate level will be considered for the purpose of admission., but the candidate must have 50 % marks at graduate level.

### Faculty :

<b>Dr. J.N. Gautam</b> Professor 0751-2442727 (O)	<b>Dr. R.G. Garg</b> Associate Professor 0751-2442728 (O); 2342110 (R)	<b>Dr. Hemant Sharma</b> Associate Professor & Head 0751-2442725 (O), 2346274 (R)
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**Visiting Faculty :** As per requirement learned and experienced visiting faculties are invited.

### Course Structure :

SEMESTER 1	SEMESTER 2
Foundation of Library and Information Science	Knowledge Organization and Processing (Cataloguing Practical) CCC 5th Ed & AACR -2
Management of Library and Information Centres	Documentation and Information Retrieval
Knowledge Organization and Processing (Theory)	Information Technology : Basic
Knowledge Organization and Processing (Classification Practical) CC Revised 6th Ed. and DDC-19th Ed.	References Services and sources of Information

## M. Lib. Information Science (One year / Two Semesters)

<b>Eligibility :</b>	B.Lib.I.Sc. with 50% marks.
<b>Available seats :</b>	Open = 20    Payment = 15    NRI = 05
<b>Mode of Selection :</b>	On the basis of merit in index based qualifying examination B.Lib.I.Sc.
<b>Visiting Faculty :</b>	As per requirement learned and experienced visiting faculties are invited

### Course Structure :

SEMESTER 1	SEMESTER 2
Universe of Subjects and Research Methodology	Information Communication and Society
Advanced Library Organization and Management (Academic Library System)	Information Sources, System and Programmes
Information Processing Retrieval System	Information Technology : Applications
Knowledge organization and processing (Practical) UDC and AACR-II	Information Institution, Products and Services

### Fees for the Courses :

Course	I Semester	II Semester
<b>Open Seats -</b>		
B.Lib. & I. Sc.	Rs. 6115.00	Rs. 4225.00
M.Lib. & I. Sc.	Rs. 6115.00	Rs. 4225.00
Ph.D.	-	-

**Payment Seat :** Rs. 7000/- additional to the fees for Open Seat.

# CENTRE FOR JOURNALISM AND MASS COMMUNICATION

## Programme/s Offered:

- Master in Journalism and Mass Communication (MJMC) (Two year / Four semesters)

### Profile of the Course:

In the present age of communication and information revaluation, there has been a vital information explosion all over the world. In this situation mass media have a crucial role of play. This university has started MJMC course to create better understanding of the role of mass media in the society and to produce highly trained professionals for mass media organisation, such as, news paper, news agency, Akashvani, Doordarshan, Public relation department and advertising agencies. This course has been started from the session 2005-06. The centre has successful placement record. Currently our students are working in various news papers and TV channels.

Eligibility :	Graduation with 50% marks.
Available seats :	Open = 20    Payment = 10    NRI = 02
Mode of Selection :	On the basis of merit in index based qualifying examination.
Mode of Instruction :	English / Hindi

**Contact Person :** Dr. Hemant Sharma,  
Co-ordinator  
Phone 0751-2239501, cell: 09425123174

### Course Structure :

SEMESTER 1	SEMESTER 2
Introduction to communication	Advance repoting
Foundation of Jurnalism	Editing and Presentation
Writing for Media	Television Journalism
Media Law & Ethics	Public Relation , Advertising & Media Management
	Job oriented Projects
SEMESTER 3	SEMESTER 4
Development Communication	Polity, Society, Economy & Ideology
	Cyber Journalism
Specialised Reporting	Optional paper : Economic journalism or Art and Culture journalism
Radio Journalism	Dissertation
Communication research	
Job oriented Projects	

**Press Tour :** Every candidate shall have to participate in a tour to national/regional media organisations and advertising agencies once in the duration of the course. The expences incurred on this tour have to be born by the students.

### Fees for the Courses :

Course	I Semester	II Semester	III semester	IV Semester
Open Seats -				
MJMC	Rs. 16315.00	Rs. 11425.00	Rs. 12715.00	Rs. 11425.00

**Payment Seat:** Rs. 7000/- additional to the fees for Open Seat.

## SCHOOL OF STUDIES IN LANGUAGES

### Programme/s Offered:

- M.A. English                      Diploma in English                      Certificate in English
- M.A. Sanskrit
- M.A. French                      Diploma in French                      Certificate in French
- M.A. Hindi
- M.Phil.                              Sanskrit / Hindi / English

### Duration :

M.A.	Two years
M.Phil.	One year
Diploma and certificate (Part time evening classes – 5.00 p.m. to 7.00 p.m.)	Six months

### Seats Available :

M.A.			Diploma			Certificates		
Subjects	Open Seats	NRI Seats	Subjects	Open Seats	NRI Seats	Subjects	Open Seats	NRI Seats
English	30	2	English	25	2	English	40	2
Hindi	30	2	French	15	2	French	30	2
French	30	2						
Sanskrit	15	2						

### Eligibility :

- M.A. programme - Bachelor's degree with 50% marks.
- M.A. French - Bachelor's degree with 50% marks and diploma in French.
- M.Phil. Sanskrit - M.A. Sanskrit / Acharya / equivalent examination with 55% marks.

### Diploma Courses :

The candidate must have passed XII examination from a recognised board. Only those candidates shall be eligible to get admission to Diploma in English or French Programmes who have successfully completed the Certificate in English or French, respectively from Jiwaji University, Gwalior. For Diploma in Sanskrit, the candidate must have successfully completed one month Certificate in "Sanskrit Sambhashana".

### Certificate Courses :

The candidate must have Passed class XII (Higher Secondary Certificate Examination).

**Note:** Since it's a part time programme for improving proficiency in languages, therefore, candidate can join Certificate Course while perusing regular studies in any institution in Gwalior or doing a regular service but the time of their regular studies/service should not clash with the time of these Programmes. The candidates who are doing regular service shall also be eligible to join these programmes but such candidates will have to produce a No Objection Certificate from their respective offices.

### Mode of Selection :

On the basis of merit in index based on the qualifying examination.

### Contact Person :

**Prof. S.K. Dwivedi**, Co-ordinator Ph.0751-2442817,  
Email:skdwivedi26@yahoo.in

**M.A. Sanskrit :**

<b>I – Semester</b>	<b>II – Semester</b>	<b>III – Semester</b>	<b>IV – Semester</b>
वैदिक भाषा एवं साहित्य भाग-1	साहित्य शास्त्र	व्याकरण एवं निबन्ध	काव्य स्रोत एवं शतक काव्य
वैदिक भाषा एवं साहित्य भाग-2	नाट्य शास्त्र एवं नाटक	काव्य एवं नाटक	गद्य, चम्पू तथा ऐतिहासिक काव्य
भारतीय दर्शन भाग-1	काव्य शास्त्र	काव्य	अर्वाचीन संस्कृत साहित्य
भारतीय दर्शन भाग-2	भाषा विज्ञान	नाटक एवं नाट्य शास्त्र	ऐतिहासिक काव्य एवं नाटक

**Course Structure :**

<b>Certificate in French</b>	<b>Diploma in French</b>
Translation and Grammer	Translation and Grammar
Comprehension and communication skill	Comprehension and communication skill
Viva-voce	Viva-voce

**M.A. French :**

<b>I – Semester</b>	<b>II – Semester</b>	<b>III – Semester</b>	<b>IV – Semester</b>
History of French literature from its origin up to 17th century	History of French literature : 18th & 19th centuries	History of French literature : 20th centuries	Study of literary schools or movements
Drama	Drama	Presentation of different methodologies of teaching as a foreign language	An essay in French on general literary topic
Novel and Poetry	Novel and Poetry	Introduction to Francophone literature	Study of Francophone literature
Practical advanced translation	Initiation to linguistics and phonetics	Contemporary French culture and civilization	Viva-voce

**M.A. English :**

<b>I – Semester</b>	<b>II – Semester</b>	<b>III – Semester</b>	<b>IV – Semester</b>
Literature in English (1340–1660) Part-I	Literature in English (1798–1914) Part-I	Study of Genre : Fiction (Part-I)	Special study of Shakes-peare Part-I (Group-I)
Literature in English (1340–1660)Part-II	Literature in English (1798–1914) Part-II	Study of Genre : Fiction (Part – II)	American literature (Part-I) (Group-II)
Literature in English (1660–1798) Part-I	Literature in English (1914–2000) Part-I	Critical theory Part – I	Indian writers in English (Part-I) (Group – III)
Literature in English (1660–1798) Part-II	Literature in English (1914–2000) Part-II	Critical theory Part – II	Linguistic & stylistics Part – I (Group – IV)

**Certificate in English :**

<b>Diploma I – Semester</b>	<b>Diploma II – Semester</b>
Grammer and Vocabulary	Applied Grammer and Vocabulary
Phonatics, Translation, Composition & Comprehention	Phonatics, Transcription & advanced Composition
Reading	Viva-Voce

**M.Phil. Sanskrit / Hindi / English :**



**Eligibility :** M.A.Sanskrit / Hindi / English with 55% marks.  
**Mode of Selection :** On the basis of merit in test conducted by the university.

**Fees for the Courses :**

Course	I Semester	II Semester	III semester	IV Semester
<b>Open Seats -</b>				
M.A.	Rs. 3615.00	Rs. 1725.00	Rs. 3075.00	Rs. 1725.00
Diploma	Rs. 3000.00 at the time of admission			
Certificate	Rs. 3000.00 at the time of admission			
M.Phil.	Rs. 11420.00	Rs. 8525.00		

**Payment Seat:** Rs. 9000/- per semester additional to the fees for Open Seat.

**SCHOOL OF STUIES IN JYOTIRVIGYAN**

**Programme/s Offered:**

- M.A. (Two years / Four semesters)

Jyotirvigyan is one of the main subjects of our traditional and classical knowledge. This is the discipline in which the events happening in human life and in the universe on time scales are studied. The distinguishing feature of this subject is that it makes us familiar with time, its nature and feature and its effects on human life and other events and that way it helps us to manage and make optimal utilization of time. It is a common feature that despite of best methods adopted for estimation, the events happen in different way and add to worries, tensions and frustration in life. Here Jyotirvigyan can help to see the unforeseen, it being the subject dealing with the time. The course in Jyotirvigyan will impart the knowlede of this subject to the people and will add a new dimension for research in the fields of Hindu-Mathematics, Vastushastra, Meteorological studies, Agriculture Science, Space Science, etc.

**M.A. Jyotirvigyan : (Two year / Four semester)**

**Contact Person :** Prof. A.K. Shrivastava, Co-ordinator  
Phone : 0751-2442883  
**Total Seats :** Open = 20      Payment = 05      NRI = 05  
**Eligibility :** B.A. / B.Sc. / B.Com. or any other graduate with 50% marks.  
**Mode of Selection :** On the basis of merit in index based on the qualifing examination.  
**Course Structure :**

SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4
Siddhanta Jyotirganita	Jyotirganita Part – I	Jyotirganita Part – II	Universe & Astronomy
Phalit – I	Phalit – II	History of Jyotish	Hora(Phalit) Part-III
Samhita Jyotish	Computer Science	Samhita Vigyan	Optional
Arvachin Jyotirvigyanam–I	Arvachin Jyotirvigyanam–II	Vastu	Optional

**Optional Papers :** Medical, Commercial, Gems, Adhyatma, Rain and Metereological Astrology, Palmistry, Samudrika

**Fees for the Courses :**

Course	I Sem.	II Sem.	III Sem.	IV Sem.
<b>Open Seats -</b>				
M.A.	Rs .5615.00	Rs. 3725.00	Rs.5075.00	Rs. 3725.00

**Payment Seat:** Rs 7000.00 per semester additional to the fees for Open Seat.

## Faculty of Social Sciences

- **School of Studies in Ancient Indian History, Culture & Archaeology (AIHCA)**
  - M.A. AIHCA
  - M.B.A. (Heritage Tourism Management)
  - M.Phil.
- **Regional Study Centre for Culture and Heritage**
  - M.A. History
  - M.Phil.
- **School of Studies in Economics**
  - M.A. Economics
  - MBA (Business Economics)
  - M.Phil.
- **School of Studies in Political Science and Public Administration**
  - M.A. Political Science
  - M.A. Public Administration
  - MBA Human Resource Development
  - MBA Financial Administration
  - P.G. Diploma in Retail Management
  - P.G. Diploma in Financial Administration
  - P.G. Diploma in Marketing Management : Advertising and Sales Administration
  - M.Phil. Political Science
  - M.Phil. Public Administration

# SCHOOL OF STUDIES IN ANCIENT INDIAN HISTORY, CULTURE AND ARCHAEOLOGY

## Programme/s Offered:

- M.A. - Ancient Indian History, Culture and Archaeology (AIHCA)
- M.B.A. (Heritage Tourism Management)
- M.Phil. (AIHCA)
- Ph.D.

## M.A. - Ancient Indian History, Culture and Archaeology (AIHCA)

**Profile of the Course :** The course is designed to impart a thorough knowledge of ancient history and archaeology of Indian subcontinent including the culture, institutions, antiquities, ideas and concepts through ages from Pre-historic period down roughly to thirteenth century A.D. It prepares students to qualify for the related jobs in University/Colleges/Archaeological Survey of India and State Departments of Archaeology.

**Eligibility :** Graduation with 50% marks.

**Seat Available :** M.A. (AIHCA) = 15      NRI = 03

**Mode of Selection :** On the basis of merit in index based on the qualifying examination.

### Faculty :

<b>Prof. R.P. Pandey</b>	<b>Prof. R.A. Sharma</b>	<b>Prof. A.K.Singh</b>	<b>Dr. S. K. Dwivedi</b> Professor and Head	<b>Dr.S.D.Sisodia</b> Sr. Lecturer
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### Course Structure :

SEMESTER I	SEMESTER II
History of India upto C.A.D. 650	Historiography, concept and methods
History of India from C 650 to 1206 A.D.	Social & Economic systems and institutions
State in India	Religions and Philosophical Ideas
Palaeography and Epigraphy	Numismatics
SEMESTER III	SEMESTER IV
Prehistoric India	Proto-historic India
Principles and methods of field Archaeology	Early Historical Archaeology
History of stupa and Rock cut Architecture	Indian Temple Architecture
History of Indian Sculptures and Paintings	Indian Art and Iconography (600–1200)

**Contact Person: Prof. S.K. Dwivedi, Head (M) 09425776233, Ph. 0751-2442817**  
**Email: skdwivedi26@yahoo.in**

## M.B.A. (Heritage Tourism Management) : (Two Years / Four Semesters)

**Profile of the Course :** The Course is intended to prepare students for jobs in heritage tourism management.

**Eligibility :** Graduation with 50% marks.

**Seat Available :** Open = 30      NRI = 05

**Mode of Selection :** Merit in index of the entrance test followed by Group Discussion and Interview.

**Contact Person :** **Prof. R.A. Sharma**, Director  
**E-mail :** sharmara@rediffmail.com

**Course Structure :**

SEMESTER 1		SEMESTER 2	
C-1	Exploring India through Historical Period	C-1	Religion and Philosophy of India
C-2	Indian Society and Culture	C-2	Understanding Culture, Traditions, Festivals and Fairs of India
C-3	Survey of India Museums and Art Galleries	C-3	Travel Agency and Tour Operations
C-4	Conceptual Framework of Domestic and International Tourism	C-4	Tourism Policy and Planning
C-5	Financial Management	C-5	Computing and Information System in Tourism
C-6	Fundamentals of Computer	C-6	Foreign Language-French
C-7	Communication Skills and Public Relation <b>(Non credit paper but passing marks are compulsory)</b>		
SEMESTER 3		SEMESTER 4	
C-1	Indian Dance and Music	C-1	Understanding Indian Art & Architecture
C-2	Indian Handicrafts	C-2	Conservation and Public Awareness of Heritage Resource
C-3	Pilgrimages of India	C-3	Visitors and Destination Management
C-4	Heritage Tourism Planning & Mngt.	C-1	Management of Human Resources
C-5	Foreign Language-French	C-5	Managerial Process and Organization Behavior
C-6	Industrial Training and Viva-vice Tour Report & Presentation	C-6	Study Tour Report and Viva-voce Field Study Tour Report & Report Presentation

**Note:** 45 days Industrial training after Second Semester and Fieldtrip in Second and Fourth Semester are Compulsory for the Students of this Programme.

**M.Phil. in A.I.H.C.A.**

**Eligibility :** M.A. in AIHCA / Allied subjects with 55% marks.  
**Seats Available :** OPEN = 10      NRI = 02  
**Mode of Selection :** On the basis of merit in test conducted by the university.

**Fees for the Courses :**

Course	I Semester	II Semester	III semester	IV Semester
<b>Open Seats -</b>				
M.A.	Rs. 3615.00	Rs. 1725.00	Rs. 3075.00	Rs. 1725.00
MBA (HTM)	Rs. 16315.00	Rs. 11425	Rs. 12715.00	Rs. 11425.00
M.Phil.	Rs. 11420.00	Rs. 8525.00		

## REGIONAL STUDY CENTRE FOR CULTURE AND HERITAGE

### Programme/s offered:

1. M.A. History : (Two Years / Four Semester)
2. M.Phil. : (One Year / Two Semester)

### M.A. History –

**Eligibility** : Graduation with with 50% marks.

**Available seats** : Open = 30 NRI = 03

**Mode of Selection** : On the basis of merit in index based on the qualifying examination.

**Contact Person** : Prof. R.A. Sharma  
**E-mail** : sharmara@rediffmail.com

### M.Phil. History –

**Eligibility** : M.A. History with 55% marks.

**Available seats** : Open = 10 Payment = 10 NRI = 02

**Mode of Selection** : On the basis of merit in test conducted by the university.

### Fees for the Courses : Open Seats

Course	I Semester	II Semester	III Semester	IV Semester
M.A.	Rs. 3615.00	Rs.1725.00	Rs. 3075.00	Rs. 1725. 00
M.Phil	Rs. 11420.00	Rs. 8525.00		

**Payment Seat:** Rs 9000.00 per semester additional to the fees for normal seat

# SCHOOL OF STUDIES IN ECONOMICS

## Programme/s Offered:

- M.A.
- M.B.A. Business Economics
- M.Phil.
- Ph.D.

## M.A. Economics : (Two year / Four semester)

### Profile of the Course :

Post Graduate course in Economics is a Four Semester Course. The main objective of this course is to provide fundamental conceptual knowledge of Economics. After passing M.A Economics student can pursue research and make teaching as carrier. They may also absorbed in Planning Commission, NSSO, RBI, Banks, Industries department, Cooperative department and various other financial organisations etc. The student may also prepare for Indian Economic Services (IES).



<b>Eligibility :</b>	Graduation with 50% marks.		
<b>Available Seats :</b>	Open = 25	Payment = 05	NRI = 04
<b>Mode of Selection :</b>	On the basis of the merit in index based on the qualifying examinations		
<b>Faculty :</b>	<b>Dr. S.K. Shukla</b> Professor and Head		
<b>Course Structure :</b>			

Semester I	Semester II
Micro Economic analysis - I	Micro Economic analysis - II
Macro Economic	Monetary Economics and Banking
Public Economics	Research Methods and Statistical Inference
Quantitative Techniques	International Economics
Semester III	Semester IV
Economics of Growth and Development	Indian Economy
Environmental Economics	Indian Foreign Trade and International Institutions
One Optional paper from Group-A	Choose corresponding paper from Group B of the paper chosen from Group-A in III Semester
One Optional paper from Group-A (Other than chosen earlier)	Choose corresponding paper from Group B of the paper chosen from Group-A in III Semester
Group – A	Group – B
Opt. A – 1 Industrial Economics – I	Opt. B – 1 Industrial Economics – II
Opt. A – 2 Industrial Relation and Labour Legislation – I	Opt. B – 2 Industrial Relation and Labour Legislation – II
Opt. A – 3 Computer Application in Economics – I	Opt. B – 3 Computer Application in Economics – II
Opt. A – 4 Econometrics – I	Opt. B – 4 Econometrics – II
Opt. A – 5 Research Methodology – I	Opt. B – 5 Research Methodology – II Project work

**Note :** The Students have to choose two subjects. They have to study two papers of those subjects from Group A in III Semester and Corresponding two paper of same subjects from Group – B in IV Semester

## **MBA (Business Economics) : (Two years / Four semesters)**

### **Profile of the Course :**

This course was started in 1995 by this school on self financing basis with the nomenclature as MBE. Later on in 2001 the nomenclature was changed to MBA ( Business Economics) in the light of UGC Guidelines. MBA (Business Economics) is basically management programme with more emphasis to Economics. In the present era of liberalisation, privatisation and globalisation there is urgent need of management professional who can take up challenging tasks of facing competition among different organisations in global business scenario. The course make the student academically sound and professionally competent so that they can face the chalanges of modern business world in best possible manner. The student are given specialisation in two areas out of Financial Management, Marketing management & Human Resource Development.

**Mode of Selection :** Merit in the entrance test followed by Group Discussion and Interview.

**Available Seats :** Open = 30          Payment = 05          NRI = 05

**Eligibility :** Graduation with 50% marks.

**Contact person :** **Dr. K.S. Thakur**, Associate Professor, Coordinator  
**E-mail :** ks.thakur@rediffmail.com

### **Course Structure :**

<b>Semester I</b>	<b>Semester II</b>	<b>Semester III</b>	<b>Semester IV</b>
Management Process	Marketing Management	Business Policy and Strategic Management	Computer & Management Information System
Business Statistics	Human Resource Management	Economics of Decision Making	Quality Management
Business Legislations	Financial Management	Elective Paper 1 # Any one Group)	Elective Paper 1 ## (Any one Group)
Accounting for Managers	Organisation Behaviour	Elective Paper II	Elective Paper II
Managerial Economics	Production Management	Elective Paper III (Any one Group)	Elective Paper III (Any one group)
Economics of Industries	National Economics	Elective Paper IV *	Elective Paper IV *
General Viva-Voce	General Viva-Voce	Training Report & Viva-Voce	Project Report & Viva-Voce
		General Viva-Voce	General Viva-Voce

\* Two Elective Papers from each of two selected areas of specialisation

### **ELECTIVE GROUPS :**

<b>Group (1) Financial Management</b>	<b>Group (2) Marketing Management</b>	<b>Group (3) Personnel Management</b>
# Working Capital Management	# Consumer Behaviour	# Labour Laws
# Business Tax Management	# Advertising Management	# Human Resource Development
## Management of Financial Service	## Sales, Distribution and Retail Management	## Management of Industrial Relations
## Security Analysis & Portfolio Management	## Strategic Marketing Management	## Organisation Change & Intervention Strategies

The candidate has to select two optional group out of three. He has to study first two papers of these two group in III semester and remaining two papers of the same group in IV semester.



## **M.Phil. Economics :**

**Eligibility :** M.A. Economics with 55% marks.

**Total Seats :** Open = 10      NRI = 02

**Mode of Selection :** On the basis of merit in test conducted by the university.

### **Course Structure :**

<b>SEMESTER 1</b>	<b>SEMESTER 2</b>
Research Methodology	Advances in Economic Theory
Contemporary Issues in Indian Economy	Dissertation

### **Fees for the Courses :**

<b>Course</b>	<b>Semester I</b>	<b>Semester II</b>	<b>Semester III</b>	<b>Semester IV</b>
<b>Open Seats -</b>				
M.A.	Rs.03615.00	Rs.01725.00	Rs.03075.00	Rs.01725.00
MBA (BE)	Rs.16315.00	Rs.11425.00	Rs.12715.00	Rs.11425.00
M.Phil.	Rs.11420.00	Rs.8525.00		

**Payment Seat:** (M.A) Rs 7000/- MBA(BE) Rs. 11000/- per semester additional to the fees for Open Seat.

## SCHOOL OF STUDIES IN POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

### Programme/s Offered:

M.A. Political Science		
M.A. Public Administration (MPA)	P.G. Diploma in Retail Management	M.Phil. Political Science
MBA Human Resource Development	P.G. Diploma in Financial Administration	M.Phil. Public Administration
MBA Financial Administration	P.G. Diploma in Marketing Management : Advertising and Sales Administration	Ph.D

### Profile of the Department:

The School of studies in political Science & Public Administration started in the VII plan (1990-91 session) as centre for M.Phil. studies in Political Science. Since 1994 the school has been established as a centre of higher studies and research in Political Science and Public Administration and initiated programmes at P.G. level in Political Science and Public Administration. Political Science was started as a regular programme and Master of Arts in Public Administration (MPA) as a self supporting programme to generate resources and also to shape long term development of the school.

The School also initiated to start a professional programmes i.e. Master in Financial Administration (Full Time Course), Master in HRD from the session 2001-2002 (now MBA Programme) to facilitate students of social sciences to join and achieve professional degree. The School also feels its social responsibility of disseminating information and provides training on issues relating to the problems of our society national integration, Social and Segudegustoics. The School also believes that for a critical understanding of social science, social justics students would also need some exposure to areas like Political Economy, International Politics, Grassroot Politics and Human Rights. In the structuring of courses an attempt has therefore been made to include, "hard core essentials" of Political Science and Public Administration on one hand and the "Inter-facial" aspects of cognate disciplines with interdisciplinary/multidisciplinary approach one the other.

**Faculty :** Prof. A.P.S. Chouhan, Head

**Contract Faculty :** Dr. S.S.Sikarwar

**M.A. Political Science : ( Two years / Four Semester)**

**Eligibility :** Graduation with 50% marks.

**Available Seats :** Open = 20      NRI = 03  
On the basis of the merit in index based on the qualifying examinations.

**Mode of Selection :**

### Course Structure

SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
Political Philosophy I- origins of Political Thought and Theory	Political Philosophy-II – Modern Political Theory/Thought and Contemporary Ideologies	Political Philosophy III- Modern Indian Political Thought	Administrative Theory
Indian Politics I- Institutions & Structures	Indian Politics II- Social and Political Process	Indian Politics III – State Politics in India	Human Rights
International Relations	Indian Foreign Policy	Optional	Optional
Public Administration: Ideas and Concepts	Comparative Politics	Optional	Optional

**M.A. Public Administration : ( Two years / Four Semester)**

**Eligibility :** Graduation with 50% marks.

**Available Seats :** Open = 20      NRI = 03  
**Mode of Selection :** On the basis of the merit in index based on the qualifying examinations

**Course Structure :**

SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
Theories & Principles of public Admn.	Organization and Management	Public Admn. in India	Local Administration
Public personnel Admn.	Personnel Admn. in India	Administrative Thought	Development administration in Indian Perspective
Elements of Financial Administration	Comparative and Dev. Admn.	Social welfare Administration	Methods & Tech. of Research and Statistics
Constitutional system in India-I	Constitutional system in India-II	Optional	Optional

**Note :** Optional papers to be taught in particular semester shall be notified at the beginning of the respective semester.

**MBA Financial Administration : (Full-Time / Four Semester)**

**Eligibility :** Graduate with 50% marks in aggregate.  
**Available Seats :** Open = 45      Payment = 20      NRI = 07  
**Mode of Selection :** Merit in the entrance test followed by Group Discussion and Interview  
**Contact Person :** **Dr. S. K. Singh, Coordinator**

**Course Structure :**

SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
Fund. of Financial Admn.	Business Communication	Project Mngt.	Computer Appl. in Financial Admn.
Appl. of Quantitative Techs.	Fund. of financial Mngt.	Mngt of Fin. Instt. in India	Financial Services
Principals of Mngt.	Business Environ.	Research Methodology	Working Capital Mngt.
Basic & Mngt. A/c. ing	Operation Research	Banking Law & Practice	Int. Mktg. Mngt.
Business & Corporate Law	Organizational Behaviour	Mngt. Information System	Strategic Mngt.
Economic Analysis	Fundamental of Mktg.	Project Viva-Voce Optional (Any One) A	Project Viva-Voce Optional (Any One) B

A- Security analysis & Portfolio Mngt., Financial Admn. In India, Advertising Mngt.

B- International Financial Mngt., Fundamental & Retail Mngt., Marketing Services

**Note: For MBA students Business Tours are compulsory during II and IV Semester**

**MBA - Human Resource Development : (Two Years / Four Semesters)**

**Eligibility :** Graduation with 50% marks.  
**Available Seats :** Open = 45      Payment = 15      NRI = 07  
**Mode of Selection :** Merit in the entrance test followed by Group Discussion and Interview

**Course Structure :**

SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
Management function & behaviour	Functional Mngt.	Computer Appl. in HRD	ISO-9000
Business communication	Wages & Salaries Admn.	Business & Corporate Law	

Organizational Behaviour	Research Methods	TQM	Manpower policy & planing for public system
HRD	Industrial Welfare	Public Relation	Labour Laws
Business Environment	Mngt. Info. System	Union Mngt. Relation	Managing change in org.
Operation Research	Quantitative Techs. managers	Project Viva-Voce Optional (Any One) A	Project Viva-Voce Optional (Any One) B

A- Stratigic Mngt. ,Advertising Mngt., Enterprenurship Deveplopmnt

B- Marketing Services, Fundamental of Retail Mngt., Counseling Skill for Managers

**Note: For MBA students Business Tours are compulsory during II and IV Semester**

### **P.G. Diploma in Marketing Management, Advertising & Sales Administration: One Year (Two Semesters)**

**Eligibility :** Graduation with 50% marks. This condition can be relaxed for sponsored candidates.

**Available Seats :** Open = 15                      NRI = 02

**Mode of Selection :** On the basis of the merit in index based on the qualifying examinations.

**Contact Person :** **Prof. A.P.S. Chauhan, Coordinator**

#### **Course Structure :**

<b>SEMESTER I</b>	<b>SEMESTER II</b>
Marketing Management	International Marketing
Sales Management	Rural Service Marketing
Business Communication	Marketing research & consumer behaviour
Advertisement Management	Viva-voce on Project Report

### **P.G. Diploma in Retail Management: One Year (Two Semesters)**

**Eligibility :** Graduation with 50% marks.

**Available Seats :** Open = 30                      NRI = 06

**Mode of Selection :** On the basis of the merit in index based on the qualifying examinations.

**Contact Person :** **Prof. A.P.S. Chauhan, Coordinator**

### **P.G. Diploma in Financial Administration: One Year (Two Semesters)**

**Eligibility :** Graduation with 50% marks.

**Available Seats :** Open = 30                      NRI = 06

**Mode of Selection :** On the basis of the merit in index based on the qualifying examinations.

**Contact Person :** **Prof. A.P.S. Chauhan, Coordinator**

### **M. Phil. Political Science : One year / Two Semester**

**Eligibility :** M.A. Political Science / Public Administration / International Relation with 55% marks.

**Available Seats :** Open = 15                      Payment = 10                      NRI = 03

**Mode of Selection :** On the basis of merit in test conducted by the university.

#### **Course Structure :**

<b>SEMESTER I</b>	<b>SEMESTER II</b>
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Contemporary Political Theory	<b>Optional :</b> 1. Contemporary International Politics 2. Political Sociology 3. Public Admn.
Research Methodology	

### M. Phil. Public Administration : One year / Two Semester

**Eligibility :** M.A. Public Administration/ International Relations/Political Science with 55% marks.

**Available Seats :** Open = 10      NRI = 02

**Mode of Selection :** On the basis of merit in test conducted by the university.

#### Course Structure :

SEMESTER I	SEMESTER II
Administrative Theory	Optional
Research Methodology and Statistics	Optional

**Optional Papers :** Administrative system in India, Labour Welfare Administration, International Administration, Rural Development Administration, Urban Development Administration, Comparative Administration, Development Administration, and Human Resource Development.

Ph.D. The emphasis on research in School is basically on Political Theory, Regional Problems, Political Economy, Administration, Development, Human Rights, Financial Administration, Issues Related to MP, Disaster Management, International Relations, & Problems of Gender, Child and the Marginalized and issues related to Central Asian Region.

**Note:** For MBA students only Business Tours are compulsory during II and IV Semester.

#### Fees for the Courses :

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
MA Pol.Sc.	Rs. 3615.00	Rs. 1725.00	Rs. 3075.00	Rs. 1725.00
MA Pub.Admn	Rs. 5615.00	Rs. 3725.00	Rs. 5075.00	Rs. 3725.00
MBA (FA)	Rs. 18315.00	Rs. 13425.00	Rs. 14715.00	Rs. 13425.00
MBA (HRD)	Rs. 18315.00	Rs. 13425.00	Rs. 14715.00	Rs. 13425.00
PGDPM	Rs. 5615.00	Rs. 3725.00	-	-
PGDMM	Rs. 7615.00	Rs. 5725.00	-	-
PGDRM	Rs. 5615.00	Rs. 3725.00	-	-
PGDFA	Rs. 5615.00	Rs. 3725.00	-	-
Diploma in HR	Rs. 3615.00	Rs. 1725.00	-	-
M.Phil.	Rs.11420.00	Rs. 8525.00	-	-

**Payment Seat:** M.A. Rs. 7000/-, MBA(FA, HRD) Rs. 11000/- and M.Phil Rs. 9000/- per semester additional to the fees for open seat.

## Faculty of Education

- **School of Studies in Life Long Education Extension and Social Work**

M.A. Extension Education and Social Work

M.A. Education

**M.Phil. Sociology**

# SCHOOL OF STUDIES IN LIFELONG EDUCATION EXTENSION AND SOCIAL WORK

## Courses Offered:

- M.A. Extension Education and Social Work (Two Years/Four Semester)
- M.A. Education
- M.Phil. Sociology
- Ph.D.

## Profile of the SOS :

### Establishment :

Established as Centre in 1984 for implementation of UGC Programmes from 1984 onwards, with hundred percent UGC grants, Programmes like Adult Education Centres for Literacy Programme, Population Education, Planning Forum , Each One- Teach One, Area Development Approach, Jan Shikshan Nilayam, Continuing Education and Self Financing Continuing Education Courses conducted. Elevated to a Department and in Xth, 5 year plan of UGC and then to School of Studies (Teaching Department) in Year 2000, as per UGC guidelines.

### Activities Undertaken :

#### Teaching :

PG and M.Phil Programmes

#### Research :

Need Assessment Survey of Gwalior City completed for Childline Foundation of India, Mumbai.  
Social Research Projects completed on current social and other related issues by students under the guidance of Faculty members.

#### Population Education :

Different activities for college students and community people with objectives of awareness in the context of population growth and development of the Nation.

#### Continuing Education :

Self Support courses by the University and Colleges.

#### Extension Activities :

For Community development, awareness about knowledge, improvement of skill and change in behaviour.

#### Projects :

Accomplishment of varied projects (UNISEF, IUACE, Ministry of Science and Technology)

#### Field Outreach :

Jan Shikshan Nilayam, Continuing Education Programmes, Awareness Programmes, Resource Support to No. of NGOs for programme implementation and for people participation.

Services to the Community Counseling guidance, consultancy for students, community people, professional workers related to personal, family, community, job related problems, Collaboration with number of NGO's Government Departments, Organizations working in the field of social work, through their support and help many activities are being implemented like :-

Health check-up camps. Provide opportunities for vocational trainings to children. Awareness programmes related to family life and sex education to adolescent girl students. Appeal and awareness regarding, eye donation, blood donation, traffic rules, help to Aged personals. Exercise for brain washing, mental preparation and motivation etc. for different target groups. Achievements

### Passout almost all students have got good jobs in (Govt./Semi Govt./NGO's) different settings :

Different NGOs working in the field of community development, awareness, child and mother care, Extension programme, Health and Nutrition, Environmental Pollution and other Social Work Activities. Govt. Hospital, Mental Hospitals, Agriculture College, Training Centre for Human Resources Development, Woman Empowerment, Social Welfare Department, Human Rights Department, Multinationals and Limited Companies. Worker Welfare Department, Labour Welfare Department, Teaching Department and Other Related Govt. Departments co-operative societies and Rural Development Programs.

### Faculty :

**Prof. Vivek Bapat**, Head  
**Prof. Ashok K. Sharma**

## 1. M.A. Extension Education and Social Work:(Two Years/Four Semester)

### Objectives of the course

To provide skilled/trained and sensitive manpower to the society, who can bring about a change in the society/community and to understand their rights and responsibilities too. By improving the quality of life through literacy, post literacy and skill oriented professional courses and short duration training. To focus on adolescent age group (male and female) and equip them with moral responsibility towards society, develop the sensitivity for disadvantaged group and to make their vision more clear about future plans. To provide an opportunity to students and community people to solve their personal (Socio Econmic and other related problems by counseling/guidance) family and other problems by counseling/guiding and helping them in different ways.

### Eligibility :

Graduate with minimum 50% marks.

### Available Seats :

Open = 20      Payment = 10      NRI = 03

### Contact Person :

**Prof. Vivek Bapat**

### Mode of Selection :

On the basis of the merit in index based on the qualifying examinations.

### Course Structure :

SEMESTER I		SEMESTER II	
101	Methods of Extension Education	201	Human Resource Development
102	Indian Society	202	Social Psychology
103	History and Philosophy of Social Work	203	Work with Individual & Families
104	Social Problems and legal Literacy	204	Community Health Education
SEMESTER III		SEMESTER IV	
301	Labour Welfare and Industrial Relation	401	Social Welfare Administration
302	Research Methods in Social Work	402	Environmental Education
303	Work with Groups & Communities	403	Social Research Project or Block Placement for Field Work
304	Social Work Practice (Practical) Viva-Voce	404	Practical Viva-Voce

## 2. M.A. Education: (Two Years / Four Semester)

### Eligibility :

B.Ed. or Graduate with Education subject with minimum 50% marks.

### Available Seats :

Open = 20      Payment = 10      NRI = 03

### Mode of Selection :

On the basis of the merit in index based on the qualifying examinations.

### Contact Person :

Prof. Ashok Kumar Sharma

## 3. M.Phil. Sociology: (One Year / Two semesters)

### Eligibility :

M.A. Sociology with 55% marks.

### Available Seats :

Open = 10      Payment = 05      NRI = 02

### Mode of Selection :

On the basis of merit in test conducted by the university.

### Contact Person :

Prof. Ashok K. Sharma

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
M.A. Extn. Edu.	Rs. 05615.00	Rs. 03725.00	Rs. 5075.00	Rs. 3725.00
M.A. Education	Rs. 05615.00	Rs. 03725.00	Rs. 5075.00	Rs. 3725.00
M.Phil.	Rs. 11420.00	Rs. 8525.00		

*Social work students shall have to pay Rs. 1000/- directly to the institute/agency as charges for field work in Third Semester.*

**Payment Seat:** M.A. 7000/- & M.Phil. Rs. 9000/- additional to the Fees for Open Seat



## Faculty of Physical Sciences

- **School of Studies in Chemistry**  
M.Sc. Chemistry  
M.Phil.
- **School of Studies in Environmental Chemistry**  
M.Sc. Environmental Chemistry  
M.Sc. Instrumentation & Commercial Methods of Analysis  
M.Sc. Pharmaceutical Chemistry
- **School of Studies in Chemicals Sales and Marketing Management**  
MBA in Chemicals, Sales & Marketing Management  
M. Sc. - Industrial Chemistry
- **School of Studies in Earth Science**  
M.Sc. Geology  
M.Sc. Remote Sensing and GIS
- **School of Studies in Mathematics and Allied Sciences**  
M.Sc. Mathematics  
M.Sc. Computer Science  
M.Phil.
- **School of Studies in Physics**  
M.Sc. Physics  
M.Phil.

## SCHOOL OF STUDIES IN CHEMISTRY

### Courses Offered:

- M.Sc.
- M. Phil.
- Ph.D. and D.Sc.

### Profile of the Department:

The school of studies in Chemistry, Jiwaji University, Gwalior came into existence in 1971 as teaching and research centre. Over a period of time, it has acquired prestigious status at National level. Major areas of research carried out in this department includes, electro-analytical, environmental, organometallic, coordination, kinetics, water management, ion exchange chromatography, treatment of radioactive water, synthesis of chemotherapeutics, homogeneous catalysis and industrial chemistry. There have been a significant contributions in the frontier areas of chemical sciences by way of research publications in journals of repute. Various funding agencies is providing financial assistance. The department has been adopted by DST under its programme for improvement of science and technology (FIST). Facilities available : FT-IR Spectrophotometer, Gas Chromatograph, Millipore water purifying system, UV-VIS Spectrophotometer, Potentiostat Versastat II, D.C. Polarograph, Pulse Polarograph, Karl Fischer titrator, Cyclic Voltammeter, Handy Air Sampler, COD Digestor, BOD incubator, High Volume sampler, Ion Selective Electrodes, pH meter, Conductivimeter, Flame Photometer, Refractometer alongwith instruments for routine analysis, Electrophoresis, Photochemical Reactor. Placement : Students of the department have got placement in different Government & Private sectors in the areas of Research and Development, teaching, Pharmaceutical Industries, Fine Chemicals Industries, Food Chemists etc. Many students are pursuing advance degree at leading University across the globe in the areas of Chemistry.

### M. Sc. Chemistry ( Two years / Four Semesters)

**Eligibility :** B.Sc. with Chemistry or allied subjects with 50% marks.  
**Total Seats :** Open = 40      Payment = 15      NRI = 06  
**Mode of Selection :** On the basis of the merit in index based on the qualifying examinations.  
**Faculty :**

Prof. K. Dwivedi	Prof. Rajeev Jain	Prof., C.P. Shinde
Prof. D.D. Agarwal	Prof. A.K. Halve, Head	Prof. S.K. Shrivastava
Prof. Radha Tomar	Prof. S.K. Gupta	

### Course Structure :

First Semester	Second Semester
Inorganic Chemistry - I	Inorganic Chemistry - II
Organic Chemistry - I	Physical Chemistry - II
Physical Chemistry - I	Spectroscopy – II
Group Theory & Spectroscopy – I a) Mathematics for Chemists* b) Biology for Chemists**	Computer for Chemists
Practical	Practical

Third Semester	Fourth Semester
Applications of Spectroscopy (Inorganic Chemistry)	Applications of Spectroscopy ( Organic Chemistry)
Photo Chemistry	Solid State Chemistry
BioChemistry	Environmental Chemistry
Elective Paper	Elective Paper
Elective Paper	Elective Paper
Practical	Practical

**Following are the elective papers for M.Sc. III & IV semester Course :**

Organotransition Metal Chemistry	Analytical Chemistry
Polymers	Physical Organic Chemistry
Organic Synthesis	Electrochemistry
Heterocyclic Chemistry	Medicinal Chemistry
Chemistry of Natural Products	

**M.Phil. Chemistry**

**Eligibility :** M.Sc. Chemistry /Indus.Chem./Env.Chem./Allied Subjects with 55% marks.

**Total Seats :** Open = 10      NRI = 02

**Mode of Selection :** On the basis of merit in test conducted by the university.

**Fees for the Courses :**

Course	First Semester	Second Semester	Third Semester	Fourth Semester
<b>Open Seats -</b>				
M.Sc.	Rs. 8115.00	Rs. 4225.00	Rs. 5575.00	Rs. 4225.00
M.Phil.	Rs. 14420.00	Rs. 10525.00		

**Payment Seat :** M.Sc. Rs. 7000/- additional to the fees for Open Seat

# SCHOOL OF STUDIES IN ENVIRONMENTAL CHEMISTRY

## Courses Offered

- M.Sc. Environmental Chemistry (in UGC Emerging Programme)
- M.Sc. Instrumentation and Commercial Methods of Industrial Analysis (MICA)
- M.Sc. Pharmaceutical Chemistry

## Profile of the Department:

### M.Sc. Environmental Chemistry –

This course provides a unique focus for addressing some today's most pressing environmental and chemical problems. The study of environment commenced in 1978 by scientists who were not trained as environmentalist but experts in allied fields. This course provides major challenges in determining nature, quantity and various reactions of specific pollutants in the environment. This leading M. Sc. Course delivers a core course which provides interdisciplinary training in the following fields

Instrumental methods of chemical and pharmaceutical analysis	Pharmacokinetics of pollutants and their fate in the environment
Monitoring of various environmental problems	Environmental Impact assessment (EIA) and Toxicology
Monitoring of different pollutants in the environment	Environmental Laws and ISO 14000
Control and treatment of different kinds of effluents	Atmospheric and Pesticide Chemistry

This course is providing first hand exposure of the highly sophisticated instruments like HPLC, GC, FT-IR, CVS, AAS, ASV etc to the students for timely and accurate analysis and to meet the growing global environmental problems being faced in the 21st century. This course is an exciting field which combines knowledge and expertise of many streams viz. analytical instrumentation, computers, electronics, biology, sociology, law and of course management and chemistry. Students are encouraged to take the lead in creating environmental awareness. The **mission** of this course is to provide students with the modern and comprehensive chemical education required to live and work in technologically advanced society. Our students are trained to hold key environmental positions in industry, commerce, consultancy, education and public services. This mission is fulfilled through a range of educational opportunities that allow students to learn, discover and explore the major chemical concepts that contribute to their lives and the lives of others around the world. The course, deploying both, internal staff and environmental practitioners, provides a comprehensive post-graduate training in the fundamental and applied aspects of the origin, behaviour and fate of chemical species in aquatic, atmosphere, terrestrial and biotic environmental media. The course is intended for students proficient in undergraduate chemistry who wish to specialize in environmental chemistry and also apply their chemical education to the principles and practice of environmental and industrial control.

### PLACEMENT OPPORTUNITIES –

Students of this course have got placement in R & D of pharmaceutical laboratories, in air, water and soil pollution laboratories, environmental monitoring and assessment, academic research, private consultancy, various pollution control boards, waste treatment in chemically related jobs in teaching or sales. Many students have pursued advance degree at leading university across the globe in the areas of environmental chemistry, chemistry, pharmaceutical chemistry etc. Also many students are actively working in bioanalytical studies in various pharmaceutical industries and contract research organizations (CROs).

### M.Sc. in Instrumentation and Commercial Methods of Industrial Analysis (MICA) –

This course provides a broad base of scientific knowledge while learning chemical and instrumental analysis methods and systemization technologies. The present course has been designed to generate and channelise potential of manpower especially for quality control and R & D divisions of chemical industries. The present course made systematic effort to train students who are going to look after the quality of products and to fulfill long felt need of quality, which is the most important component of any industry. The **mission** of this course is to educate graduate students to pursue postgraduate degree at one of the nation's best university for employment in industry, government, or academia with doctoral students learning how to function as

independent researcher. The present Post-graduate course (MICA) offers excellent opportunities for career advancement and students can look forward for being absorbed in private / public sector / autonomous organizations.

#### **PLACEMENT OPPORTUNITIES –**

After completing two year Post Graduate course in Instrumentation and Commercial Methods of Industrial Analysis, most of the students got placement through campus in various quality assurance laboratories, pollution control laboratories, effluent treatment plants of various industries, R & D laboratories, Thermal Power Corporation, ONGC, Industries manufacturing paper, dyes, drug, glass, pharmaceuticals, ceramics, cement, polymer, food and food products, alloys, fertilizer, pesticides, soaps, detergents, paint, varnishes, enamels, fine chemicals etc. The students of the course are imparted three months practical training at the end of 4th semester, in some industries/institutes and are required to submit project report after training.

#### **M. Sc. in Pharmaceutical Chemistry –**

This course provide a broad base of scientific knowledge while learning chemical and instrumental analysis methods and systemization technologies. The present course has been designed to generate and chanalise potential of manpower especially for quality control and R & D divisions of pharmaceutical industries. The present course systematic train students who are going to look after the quality of pharmaceutical products and to fulfill long need of quality, which is the most important component of pharmaceutical industry.

The **mission** of this course is to educate postgraduate students at one of the nation's best university for employment in industry, government, or academia with doctoral students learning how to function as independent researcher. The present Post-graduate course M. Sc. Pharmaceutical Chemistry offers excellent opportunities for career advancement and students can look forward for being absorbed in private / public sector / autonomous organizations.

#### **M. Sc. Environmental Chemistry (Two years / Four Semesters)**

Eligibility :	B.Sc. with Chemistry as one of the subjects or B.Sc. Instrumentation / Industrial Chemistry / Chemical Technology / Environemntal Science with Chemistry with 50% marks.
Total Seats :	Open = 10      Payment = 10      NRI = 03
Mode of Selection :	On the basis of the merit in entrance test conducted by the university.
Contact Person :	<b>Prof. S.K.Gupta, Coordinator</b>

#### **M. Sc. Instrumentation and Commercial Analysis (MICA) (Two years / Four Semesters)**

Eligibility :	B.Sc. with Chemistry as one of the subjects or B.Sc. Instrumentation / Industrial Chemistry / Chemical Technology / Environemntal Science with Chemistry with 50% marks.
Available Seats :	Open = 15      Payment = 15      NRI = 03
Mode of Selection :	On the basis of the merit in entrance test conducted by the university.
Contact Person :	<b>Prof. S.K.Gupta, Coordinator</b>

#### **M. Sc. Pharmaceutical Chemistry (Two years / Four Semesters)**

Eligibility :	B.Sc. with Chemistry as one of the subjects or B.Sc. Instrumentation / Industrial Chemistry / Chemical Technology / Environmental Science with chemistry with 50% marks.
Available Seats :	Open = 10      Payment = 10      NRI = 03
Mode of Selection :	On the basis of the merit in entrance test conducted by the university.
Contact Person :	<b>Prof. S.K.Gupta, Coordinator</b>

## Course Structure

<b>First Semester (Env. Pharmaceutica Chemistry &amp; MICA)</b>		<b>Second Semester (Env. Pharmaceutical Chemistry &amp; MICA)</b>	
EC/ICA -101	Fundamentals of quantitative analysis & separation methods	EC/ICA -201	Environmental and pollution control
EC/ICA -102	Stereochemistry & Thermo analytical methods	EC/ICA -202	Spectroanalytical methods of analysis – II
EC/ICA -103	Spectroanalytical methods of analysis – I	EC/ICA -203	Computer in chemical analysis
EC/ICA -104	Electroanalytical methods of analysis – I	EC/ICA -204	Elementary electronics in chemical instrumentation
EC/ICA -105	Practicals-I	EC/ICA -205	Practical-I
EC/ICA -106	Practicals-II	EC/ICA -206	Practical-II
<b>Third Semester (Env. Chemistry)</b>		<b>Fourth Semester (Env. Chemistry)</b>	
EC-301	Industrial waste and water treatment	EC-401	Atmospheric Chemistry
EC-302	Environmental toxicology & environmental impact assessment	EC-402	Organic Pollutants
EC-303	Energy and environmental geochemistry	EC-403-406	Industrial Training Report and Viva Voce
EC-304	Environmental laws and management	EC-306	Practical- II
EC-305	Practicals- I		
<b>Third Semester (MICA)</b>		<b>Fourth Semester (MICA)</b>	
ICA-301	Industrial analysis-I	ICA-401	Industrial analysis – III
ICA-302	Total quality management & ISO - 9000	ICA-402	Concepts of industrial management & Intellectual property rights
ICA-303	Industrial analysis-II	ICA-403-406	Industrial Training report & Viva Voce
ICA-304	Adv. Instrumental methods of chemical analysis		
ICA-305	Practicals-I		
ICA-306	Practicals-II		
<b>Third Semester (Pharmaceutical Chemistry)</b>		<b>Fourth Semester (Pharmaceutical Chemistry)</b>	
PC-301	Pharmaceutical Analysis	PC -401	Basic Principles of Clinical Research
PC -302	Principles of Pharmacology	PC -402	Concepts of industrial management & Intellectual property rights
PC -303	Principles of Drug Development	PC -403-406	Industrial Training report & Viva Voce
PC -304	Adv. Instrumental Methods & Pharmaceutical Biotechnology		
PC-305	Practicals-I		
PC-306	Practicals-II		

## Fees for the Courses :

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
M.Sc. Env.Chem.	Rs. 16615.00	Rs. 12725.00	Rs. 14075.00	Rs. 12725.00
MICA	Rs. 16615.00	Rs. 12725.00	Rs. 14075.00	Rs. 12725.00
M.Sc. Pharmaceutical Chem.	Rs. 16615.00	Rs. 12725.00	Rs. 14075.00	Rs. 12725.00

**Payment Seat:** M.Sc. - Rs. 11000/- additional to the fees for Open Seat

## SCHOOL OF STUDIES IN CHEMICALS SALES AND MARKETING MANAGEMENT

### Courses Offered:

- MBA in Chemicals, Sales & Marketing Management
- M.Sc. Industrial Chemistry

**“Studying at SOS in Chemicals, Sales & Marketing Management is intense, enjoyable and rewarding. You work with experts and simultaneously develop a professional attitude to become a 'specialists' in your field. There can be few places offering so many opportunities and experiences to be shared with so many like-minded people.”** Profile of the Department: With the aim of developing one of the best industrial chemistry research and management educational institute in the country, Department of Chemical Sales & Marketing Management has started two specialized job oriented courses.

The chemical industry in India is on the threshold of a revolution that will make it a power to reckon with in the post WTO era. It has been growing at the rate of 12% p.a., which almost twice the rate of growth of GDP and therefore requirement of skilled manpower is also increased in the proportion. Two factors need to be emphasized namely the need to set up Research & Development Centers and increase in the marketing & exports sector. With the facts in hand, the department is offering innovative research oriented courses with the quality vision that can meet the requirement of knowledge based skilled manpower by chemical industries. The objective of the courses is to develop research and quality management aptitude in students with proper scientific & technical knowledge The Supervision System One of the real strengths of the department system is the close individual support you receive from an expert in your field. As a graduate student in the department you are expected to work largely on your own initiative but this varies according to your area of work. Faculty completes a report on your progress at the end of each term. They will also help you to: clarify your ideas; keep your work on target for completion; ensure that you recognize and aim to meet the required standard. The overall objective is to develop a research-oriented attitude and generate a confidence level to handle the challenges of industry, as soon as you complete the course.

### MBA – Chemicals, Sales and Marketing Management: Two year / Four Semester course (UGC Innovative Programme)

The course was started in 1994 with a vision for developing scientifically trained marketing/quality management professional for Pharmaceuticals, Fine Chemical Industries & also for its fringes viz., Food, Cosmetics, Paints, Polymer, etc.

**Available Seats :** Open = 40      Payment = 15      NRI = 06

**Eligibility :** B.Sc. With Chemistry/ Chemical Tech./ Industrial Chemistry/Biochem / B.Pharm with 50% marks.

**Mode of Selection :** On the basis of the merit in entrance test conducted by the university.

**Course Structure:** The course is subdivided in two specialization streams:

Industrial Chemicals Marketing (Group-A) Pharmaceutical Marketing (Group-B) The management papers are compulsory and candidates have to give their choice for specialization in the beginning of the course.

Semester- I		Semester- II	
Management concept & Process		Marketing Management	
Management Accounting		Financial Management	
Marketing Research & Analytical Techniques		Business Environment	
Elective Group – A	Elective Group – B	Elective Group – A	Elective Group – B
Analytical Chemistry	Analytical Chemistry	Chemistry of Natural Products	Medicinal Chemistry-I
Pesticide Chemistry	Biochemical's	Unit operation	Microbiology
Paints & Pigments	Anatomy & Physiology	Polymer Science - I	Pharmaceutics

Semester- III			Semester- IV		
Marketing Management	Human Resource	Production managemant	Marketing Management	Human Resource	Production managemant

	<b>Management</b>			<b>Management</b>	
Organisational behavior	Organisational behavior	Organisational behavior	Business law	Business law	Business law
Advertisement Management	Human resource management and Planning	Production Management	Business policy and strategic analysis	Wages and salary administration	Material Management
Sales & Distribution Management	Human Resource Development	Operation Research	International marketing	Employment Relations	Supply chain management
<b>Elective Group – A</b>		<b>Elective Group – B</b>		<b>Elective Group – A</b>	
Spectroscopy		Spectroscopy		Petrochemicals Oil & Soaps	
Polymer Science-II		Medicinal Chemistry-II		Industrial Chemicals	
Project and Viva		Project and Viva		Project and Viva	
				Medicinal Chemistry-III	
				Clinical Pathology	
				Diagnostics Techniques	
				Project work	

### M. Sc. - Industrial Chemistry: Two year / Four Semester course

The course has been designed and started in 2003 to develop trained manpower for Research and Development as well quality control laboratories of Pharmaceuticals and Fine Chemical industries. Students have good synthetic chemistry and analytical exposure in the laboratory.

**Available Seats :** Open = 20 Payment = 20 NRI = 05

**Eligibility :** B.Sc. With Chemistry/ Chemical Tech./ Industrial Chemistry/Biochem with 50% marks.

**Mode of Selection :** On the basis of the merit in entrance test conducted by the university.

**Course Structure:** This course is sub-divided into two specialization streams

Fine chemicals(Group A) Pharmaceuticals(Group B)

<b>Semester- I</b>		<b>Semester- II</b>	
Analytical Chemistry	Organic Chemistry-I	Chemistry of Natural Products	Organic Chemistry-III
Physical Chemistry	Lab I & II	Organic Chemistry-II	Lab – I & II
<b>Fine Group – A</b>	<b>Pharma Group – B</b>	<b>Fine Group – A</b>	<b>Pharma Group – B</b>
Paints & Pigments	Biochemical's	Polymer Science-I	Medicinal Chemistry-I

<b>Semester- III</b>		<b>Semester- IV</b>	
Spectroscopy		IPR & Technology Management	
Unit Operations		Advance Instrumentation Techniques	
Lab. I & II		Organic Chemistry-IV	
		Industrial Training & Project I & II	
<b>Fine Group – A</b>	<b>Pharma Group – B</b>	<b>Fine Group – A</b>	<b>Pharma Group – B</b>
Polymer Science-II	Medicinal Chemistry-II	Petrochemical, Oils & Soap	Medicinal Chemistry-III
Pesticide Chemistry	Pharmaceutics		

Infrastructural Facilities SOS in chemicals, sales and marketing has developed its infra structural facilities by the fund generated through the course. It has got building constructed and classroom with state of art furniture, equipped laboratories, staff rooms, offices, library etc. has been furnished. Teaching Methodology

Class Room Teaching	Group-Discussion	Case Studies	Marketing Surveys
Management Games	Industrial Training	Mental Gym & Creative Development Exercise	

Summer training and Project Courses have compulsory industrial training as the integral part of curriculum so that at the end of the course students are familiar with working environment and technologies of related industries. Department has in-house cell to arrange the training for students Instrumentation Department is equipped with advanced microprocessor based instruments & equipments viz; UV-Visible Spectro Photometer, Gas Chromatograph, Karl Fisher Titrater, Polarimeter, Nephelometer, Conductivity Meter, pH Meters, Refracto Meter, Tablet Hardness Tester, Friability Test Apparatus, Bulk Density Measurement, Dissolution Rate Apparatus, Pressure Reactor, Mettler single Pan Balance etc. Computing Computer lab is equipped with advanced computers and latest software that help in R&D, product designing, and database



management system. Dedicated network with Internet facility is available to students. Library Library is equipped with large no of subject related books, case studies; periodicals, journals and other reference materials and is regularly revised for continuous up gradation. There are about 4000 books. Research Center Comprehensive range of facilities is available to support research. Our Department has a tradition of collaboration and sharing which has enabled both well-supported community facilities and sharing of resources located in-group research and teaching areas. Department has well equipped research laboratory to work on various aspects of industrial chemistry. Academic & Research Staff Eminent faculty and industrial experts conduct lectures. They provide opportunities for smaller groups of faculty to collaborate in teaching new courses, advising students, and arranging seminar programs. Students also find these divisions useful in organizing specialized seminar programs and discussion groups.

**Contact Person : Prof. S. K. Srivastava (Co-ordinator)**

**Email –** sksrivas12@ymail.com

Rewarding Careers (Placements) Department has developed strong relations with industries in all over India for mutual cooperation. It is encouraging that many industries in fine and pharma sector are coming every year to SOS in CSM. This has enhanced CSM's faith in itself and the learning process that the students undergo. The institute had a successful 100% placement in 2006. Department has 100% placement record since 1st batch in both programmes Department has strong alumni base to share the experiences. Our Alumni are placed in the prominent industries some are as follows :

<b>Pharmaceuticals:</b>		
Aventis Ltd.	Sun Pharma Ltd.	Ranbaxy-Solus Pharma
Morepan Laboratories	Hindustan Latex Ltd.	Dr. Reddy's Laboratories
Cipla Ltd.	Lupin Ltd.	Cadila Healthcare Ltd.
Doshi-Ion Ltd.	Core Healthcare Ltd.	Novartis Pharma
Glaxo Pharma Ltd.	Macleods	J. Mitra & Co.
<b>Fine Chemicals Companies:</b>		
Ranbaxy FineChem.Ltd.,	Thermax India. Ltd.,	Ion Exchange India Ltd,
Cadila Chemicals,	Castrol India,	Asian Paints Ltd.,
Glaxo Fine Chem. Ltd.,	Goodless Nerolac Paints,	Dioners Specialty Chem.
High Polymer Labs,	E-Merk Ltd.,	Qualichem India
<b>Others :</b>		
Mc Dowels,	Pepsi Foods,	Mohan Mekins,
Cadbury India Ltd.,	Agra Beverages Corp.	Kodak

**Fees Structure :**

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
MBA CSMM	Rs. 16315.00	Rs. 11425.00	Rs. 12715.00	Rs. 11425.00
M.Sc. Industrial Chemistry	Rs. 16615.00	Rs. 12725.00	Rs. 14075.00	Rs. 12725.00

**Payment Seat : M.Sc. , MBA CSMM - Rs. 11000/- additional to the fees for Open Seat**

## SCHOOL OF STUDIES IN EARTH SCIENCE

### Programmes Offered:

- M.Sc. Geology
- M.Sc. Remote Sensing and GIS
- Ph.D., D.Sc.

### Objectives of the Course:

The State of Madhya Pradesh in general and Bundelkhand and Chambal regions in particular, possess varieties of rock and mineral resources. A scientific and systematic exploration of available rocks and minerals requires a centre of higher learning engaged in teaching and research at postgraduate and higher levels. This region falls under semi-arid zone, where the surface water resources are depleting very fast. Hence, there is an immediate need of systematic exploration of ground water for the future requirement of this essential commodity. It is with these aims and objectives that the School of Studies in Earth Science was established in the year 1991. Apart from providing job opportunities for young and aspiring students of the region, the School has opened an avenue of effective and viable interaction with national establishments and industries related with various aspects of Earth Science.

The School is currently engaged in active research in the fields of Petrology, Geochemistry, Mineral Exploration, Hydrogeology, Remote Sensing Geology, Geomorphology and Environmental Geology. The Major thrust areas for research are Precambrian Geology, Geoexplorations and Environmental studies in Base Metals, Coal, Chambal basin, Bundelkhand Granites, and Watershed Management and Planning.

### M.Sc. Geology: (Two years / Four semesters)

#### Profile of the Course:

**Eligibility :** B.Sc. with 50% marks. Preference will be given, with Geology as one subjects in B.Sc.

**Available Seats :** Open = 20      NRI = 03

**Mode of Selection :** On the basis of the merit in Index based on the qualifying examinations.

**Faculty :** **Prof. U.C. Singh**, Head  
**Email :** ucsingh@rediffmail.com

**Dr. S.N. Mohapatra**, Associate Professor.,  
**Email :** suraj64@yahoo.com

#### Course Structure :

Semester- I	Semester- II	Semester- III	Semester- IV
Remote Sensing in Geology and Geomorphology	Igneous Petrology	Ore Geology and Mining Geology	Hydrogeology
Structural Geology and Tectonics	Metamorphic & Sedimentary Petrology	Indian Mineral Deposits and Mineral Economics	<b>Special Paper-</b> (Any one of the following corresponding to Special paper already offered in IIIrd Semester) a. Advanced Environmental Geosciences part-II b. Advanced Remote Sensing part-II c. Advanced computer Applications in geosciences part-IUI

Mineralogy & Mineral Optics	Palaeontology & Stratigraphy	Mineral Exploration & Mineral Beneficiation	
Crystallography Crystal Chemistry & Geochemistry	Geotechnical Engineering & Environmental Geology	<b>Special Paper -I</b> (Any one of the following) d. Advanced Environmental Geosciences part-I e. Advanced Remote Sensing part-I f. Advanced computer Applications in geosciences part-I	
Remote Sensing, Geomorphology and Structural Geology	Petrology	Ore Microscopy and Mineral deposits	(i) Hydrogeology (ii) Corresponding Special Paper
Mineralogy, Crystallography & Surveying (Geological field work)	Palaeontology, Stratigraphy, Geotech. Eng. & Env. Geology	(i) Mineral Exploration and Mining Geology (ii) Corresponding Special paper	Project oriented Dissertation
		Geological Field Work	

## M.Sc. Remote Sensing and GIS: (Two years / Four semesters)

### Profile of the Course:

The remarkable developments in space borne remote sensing technology and its various applications during the last three decades have firmly established its immense potential for mapping and monitoring various natural resources and natural disasters. In the recent past, there has been tremendous development in the field of Remote Sensing data collection, analysis and utilization. The science of remote sensing is no more an art of map-making from satellite images. It is a form of information technology where real digital data are converted to information, which in turn aid to the knowledge base for sound decision making. Another significant development leading to wide use of remote sensing data has been the general advancement on computational capability. Image processing facilities, which were earlier restricted to selected major research establishments have now become widely available with the advent of microcomputers and low cost image processing equipments. The digital data handling led to the development of Geographic Information System followed by another innovation of Global Positioning System. Remote Sensing coupled with GIS and GPS techniques has dramatically enhanced human capability of resource exploration, mapping and monitoring on local as well as global scale. To cater the need of qualified and trained personals in the field of remote sensing, this university has started this course in 2002 under the UGC Innovative Programme. The course has been initiated for the innovative development of Remote Sensing and GIS programmes, integration of the technologies into geosciences, and a wide spectrum of research in this field. The course aims at developing multidimensional programmes of teaching and research in the field of Remote Sensing and GIS as this will be the first Centre in the State of Madhya Pradesh to impart such degree course. Placement Opportunities : Department of space and at its various centers, Regional Remote Sensing Centres, State Remote Sensing Application Centres, National Remote Sensing centres, Central Ground Water Board, Defence Terrain Research Laboratory, All India soil and Land use Survey, Atomic Mineral Division, Geological Survey of India, National Bureau of Soil Survey & Land use planning, Town and Country Planning, Remote Sensing Laboratories of various Universities, Companies engaged in GIS and its application studies.

#### Eligibility :

B.Sc./ BE / B.Tech. with 50% marks.

#### Available Seats :

Open = 20      Payment = 15      NRI = 04

#### Mode of Selection :

On the basis of the merit in Index based on the qualifying examinations

#### Contact Person :

Dr. S.N. Mohapatra, Associate Professor, Co-ordinator

**Email :** suraj64@yahoo.com

### Contract Faculty :

Dr. P.K. Jain	Dr. Vineesha Singh		

**Course Structure :**

<b>Semester- I</b>	<b>Semester- II</b>	<b>Semester- III</b>	<b>Semester- IV</b>
Fundamentals of Remote Sensing	Thermal & Microwave Remote Sensing	Remote Sensing in Water Resources	Remote Sensing in Human Settlement Analysis
Aerial Photogrammetry and Photography	Geographical Information System	Remote Sensing in Agriculture	Remote Sensing in Environmental Science
Cartography & Global Positioning System	Remote Sensing in Geosciences	Soil and Land Evaluation Studies	Remote Sensing in Human Settlement & Environmental Science
Digital Image Processing	Remote Sensing in Mineral Explo. & Geotech. Engg.	Remote Sensing in Forestry	Project Work
Image Interpretation and Photogrammetry	Microwave Remote Sensing & GIS	Remote Sensing in Marine Sciences	
Cartography, GPS & DIP	Remote Sensing in Geosciences, Mineral Explor & Geotech Engg.	Remote Sensing Water resources & agriculture	
Remote Sensing field work GPS Survey		Remote Sensing field work (Ground Truth)	

**Fees for the course :**

<b>Course</b>	<b>I Semester</b>	<b>II Semester</b>	<b>III Semester</b>	<b>IV Semester</b>
<b>Open Seats -</b>				
M.Sc. Geology	Rs. 8115.00	Rs. 4225.00	Rs.5575.00	Rs. 4225.00
M.Sc. Remote Sensing & GIS	Rs. 21615.00	Rs.17725.00	Rs. 19075.00	Rs. 17725.00

**Payment Seat :** M.Sc. - Rs. 11000/- additional to the fees for Open Seat

## SCHOOL OF MATHEMATICS & ALLIED SCIENCES

### Programmes Offered:

1. M.Sc. (Mathematics)
2. M. Sc. (Computer Science)
3. M. Phil. (Mathematics)
4. Ph. D. in Mathematics and Computer Science.

### Profile of the Department:

The School of Mathematics and Allied Sciences (SOMAAS) established in 1978, is an Internationally recognized centre of Biomathematics and a well known centre for imparting higher education in the field of computer science and Information technology. With the growth of allied sub disciplines like mathematical modelling, mathematical ecology, mathematical epidemiology, numerical methods etc., the School has developed a multidisciplinary research group with the support of major research projects and otherwise.

Looking to the needs of the society and trends of industries, a course **in Computer Application** was started in 1988. which later was replaced by an advanced course **M. Sc. (Computer Science)**.

The School was among the first few centres to start such course in Madhya Pradesh. Therefore it received a good response and the most of the pass outs from previous batches are absorbed in prestigious institutions like DRDO, IBM, HCL in India and in several software development organizations in abroad. In an attempt to cope up with modern developments of twenty first century a new course entitled **M.Sc. Tech. (Industrial Mathematics with computer application)** was started for the students to get acquainted with industrial and ecological problems.

### M. Sc. Mathematics: (Two Years Four Semesters)

<b>Eligibility:</b>	B.Sc. with mathematics,. With 50% marks in aggregate.
<b>Available Seats:</b>	Open = 35 Payments = 15 NRI = 05
<b>Mode of Selection:</b>	Merit in qualifying examinations.
<b>Faculty:</b>	<b>Prof. Renu jain, Head</b> <b>Prof. O.P. Misra,</b>

#### Course Structure:

##### I- Semester

- Advanced Abstract Algebra
- Analysis
- Integral Transforms
- Any one of the following
- Programming in C and C++ (Optional)
- Mechanics (Optional)
- Practical with programming in C

##### II - Semester

- Complex Analysis
- Differential Equations
- Integral Equations and Boundary Value Problems
- Any one of the following**
  - Numerical Methods (optional)
  - Fluid Mechanics (optional)
- Practical with programming in C++

##### III - Semester

- Functional Analysis
- Topology
- Any two of the following**
  - Operation Research (optional)
  - Mathematical Biology (optional)
  - Advanced Numerical Methods(optional)
- Practicals based on Optional papers offered by the students

##### IV-Semester

- Partial Differential Equation
- Any three of the following**
  - Advanced Functional Analysis
  - Wavelets
  - Mathematics of Finance & Insurance
  - Computational Biology
  - Fuzzy Sets and their Application
  - Advanced Graph Theory
  - Biomechanics,
  - Neural Networks, Advances Numerical Methods
  - Advanced Mathematical Statistics
- Practicals based on Numerical solution of PDE's

### M. Sc. Computer Science:Two years (Four semesters)

**Profile of the Course:**

This course is for the benefit of those who want to have their career in various software and related fields. The need to start the two years M. Sc. (Computer Science) Programme is to match the potential manpower to the computer organization requirements. In the field of computers we are providing knowledge not only related to the theoretical aspects, but also imparting practical knowledge for creating awareness in the present working conditions of computers in different organizations.

**Eligibility:** B.Sc. with Mathematics/Statistics/Computer Science/Electronics with 50% marks in aggregate.

**Available Seats:** Open = 25                      Payment = 10                      NRI = 05

**Mode of Selection:** Merit in qualifying examinations.

**Contact person :** Prof. Renu Jain, Co-ordinator

**Course Structure:****I –Semester**

- Computer Architecture
- Discrete Mathematics with Data Structure
- Operating System
- Object Oriented Programming with C++
- Practical I&II

**III -Semester**

- Theory of Computation
- Operation Research
- Programming in Java
- Optional (any one)
  - Visual Basic
  - Algorithm Design
  - Artificial Intelligence
- Practical I&II

**II -Semester**

- Numerical Analysis
- Software Engineering
- Database Management Systems
- Computer Networks
- Practical I&II

**IV -Semester**

- Systems Programming
- Computer Graphics
- Optional (any one)
  - Neural Network
  - Parallel Processing
  - Image Processing
  - Internet & Web Technology
  - Distributed Computing
  - Windows Programming & VC++
  - Data Mining and Data Warehousing
  - Bio-informatics
- Practical (Based on Computer Graphics)

**M. Phil.(Mathematics)****Profile of the Course:**

This course is designed to familiarize the students with the research methodology and computational environment and to develop their capacity for independent thinking and critical analysis of the problems so as to provide an interface between post graduate programmes and subsequent research degree like Ph.D.

**Eligibility:** M.Sc. (Mathematics / Applied Mathematics / Computer Science) with 55% marks.

**Available Seats:** open-10 (Two seats are reserved for regular and permanent teacher candidates of Jiwaji University,Gwalior)                      NRI=02

**Mode of Selection:** On the basis of the Index based on the merit in qualifying examination.

**Faculty:** Prof. Renu Jain, Head                      Prof. O. P. Misra

**Contact Person:** Prof. Renu Jain, Head

**Course Structure :****1- Semester**

Research Methodology in Mathematical Sciences

**II -Semester**Advanced Numerical and Statistical  
Techniques using Mathematical software (Matlab).  
Dissertation

Optional (anyone) \*

\*Biofluid Dynamics, Mathematical Ecology, Biodiffusion & Bio Heat Transfer, Mathematical  
Epidemiology, Atmospheric Pollution, Generalized Hypergeometric functions**Ph.D. (Mathematics and Computer Science)**The School of Mathematics & Allied Sciences offers Ph. D. Programme in various streams of Mathematics and  
Computer Science with an emphasis on Biomathematics / Biosystems.

Following are the thrust areas of research: '

- i Mathematical Study of Bio-Diffusion
- ii. Mathematical Modelling in Population Dynamics
- iii. Mathematical Modelling of Communicable diseases
- iv. Lie theory and Special Functions
- v. Fractional Calculus
- vi. Basic Hypergeometric Function
- vii. Air Pollution Modelling
- viii. Theoretical Computer Science.
- ix Mathematical Ecotoxicology

**Fees for the course:**

Course	I- Semester	II- I- Semester	III- Semester	IV- Semester
M.Sc. Maths	Rs. 8115.00	Rs. 4225.00	Rs.5575.00	Rs.4225.00
M.Sc. Com.Sc.	Rs. 16615.00	Rs. 12725.00	Rs.14075.00	Rs.12725.00
M.Phil Maths	Rs. 14420.00	Rs 10525.00		

**Payment Seat:** M.Sc. Maths- Rs. 7000/-, M.Sc. Computer Sc.- Rs. 16000/- additional to the fees for Open Seat.

## SCHOOL OF STUDIES IN PHYSICS

### Programmes Offered:

- M.Sc.
- M.Phil.
- Ph.D.

### Profile of the Department:

The department started in 1972 with an input of 10 students and with only one specialization in Electronics. At present the input number has increased to 45 and there are now 3 specializations viz. Digital electronics, Materials Science, Computer Science. The present course is aimed to prepare the students for teaching and research in the modern and challenging areas of Physics. The course is so tailored that it provides on one hand the basic understanding of the emerging areas of Physics and on the other it lays emphasis on their application in research and technology.

### M. Sc. Physics: (Two years / Four semesters)

**Available Seats :**

Open = 40      Payment = 05      NRI = 07

**Eligibility :**

B.Sc. with Physics or Electronics and Maths with 50% marks.

**Mode of Selection :**

On the basis of the Index based on the merit in qualifying examinations.

**Faculty :**

Prof. D.C. Tiwari	Prof. A.K. Shrivastava	<b>Prof. Mahesh Prakash, Head</b>
Prof. Neeraj Jain	Prof. U. P. Verma	Prof. R. K. Tiwari
Prof. P. Rajaram	Dr. Dinesh C. Gupta Associate Professor	

### Course Structure :

Semester- I	Semester- II	Semester- III	Semester- IV
Methods in Mathematical Physics	Classical Electrodynamics, Plasma & Antennae Physics	Quantum Mechanics–II	Nuclear Physics
Classical Mechanics	Non-Relativistic Quantum Mechanics – I	Atomic, Molecular Phys & Nuclear Instrumentation	Instrumentation & Cosmic rays
Electromagnetism and Laser Optics	Cond. Mat. Physics – I	Condens. Matter Physics – II	Statistical Mechanics
Semiconductor electronics	Digital Electronics, N A & Computer Programming	<b>Special Paper *</b> (Group A/B/C)	<b>Special Paper #</b> (Group A/B/C)
General Laboratory	General Laboratory	General Laboratory	General Laboratory
Electronics Laboratory	Electronics Laboratory	Electronics / Mat. Sc./ Computronics Lab.	Electronics / Material Sc. / Computronics Lab.

Group – A	Group – B	Group – C
* Microwave & Optical Communication	* Material Science – I	* Computer Application in Physics – I
# Integrated Electronics	# Material Science – II	# Computer Applications in Physics – II

### M. Phil.

**Available Seats :**

Open = 10      NRI = 02

**Eligibility :**

M.Sc. (Physics) with 55% marks.

**Mode of Selection :**

On the basis of merit in test conducted by the university.



**Course Structure :**

<b>Semester- I</b>	<b>Semester- II</b>
Research Methodology in Physics	Advance Topics in Physics
Selected Topics in Physics	Dissertation

**Fees for the course :**

<b>Course</b>	<b>I Semester</b>	<b>II Semester</b>	<b>III Semester</b>	<b>IV Semester</b>
<b>Open Seats -</b>				
M.Sc. Physics	Rs. 08115.00	Rs. 04225.00	Rs.05575.00	Rs. 04225.00
M.Phil.	Rs. 14420.00	Rs. 10525.00		

**Payment Seat:** M.Sc. - Rs. 7000/- additional to the fees for Open Seat

## Faculty of Engineering Sciences

- **School of Studies in Electronics**  
M.Sc. Electronics
- **School of Studies in Computer Science and Application**  
Master of Computer Application (MCA)  
M.B.A. e-Commerce  
B.C.A.  
P.G.D.C.A.  
M.Phil.

## SCHOOL OF STUDIES IN ELECTRONICS

Programmes Offered:

- M.Sc. Electronics : (Two years / Four semesters)

Profile of the Course : The Course in Electronics has the basic objective of providing better job opportunities to students in the field of electronics like communication, instrumentation etc. M.Sc. Electronics : (Two years / Four semesters)

**Eligibility :** B.Sc. with Physics / Electronics with 50% marks. Preference will be given to B.Sc. with Electronics.

**Available Seats :** Open = 15      Payment = 10      NRI = 05

**Mode of Selection :** On the basis of the merit in index based on the qualifying examinations

**Contact Person :** **Prof. D.C. Tiwari**, Coordinator

**Course Structure :**

Semester- I	Semester- II	Semester- III	Semester- IV
Math. Physics for Electronics	Control systems	Microwave Generation and Propagation	Numerical Analysis and Computer Programing
Network analysis and synthesis	Condensed Matter Physics	Fibre Optics & Optical Communi.	Integrated Electronics
Classical Electrodynamics-I	Sensor Transducer and Electronic Measurements	Microprocessor and Application	Advanced Laboratory Project
Semicon. electronics	Digital Electronics	Communi. systems	
Electronics Lab.	Digital Lab.	Electronics Lab.	Advanced Field Project in Industries/ Research Lab. of 4 -5 months duration
Electronics Project	Project and Industrial Training of 3-5 weeks	Project	

Fees for the course :

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
M.Sc. Electronics	Rs.16615.00	Rs. 12725.00	Rs.14075.00	Rs. 12725.00

**Payment Seat :** M.Sc. - Rs. 9000/- additional to the fees for Open Seat

# SCHOOL OF STUDIES IN COMPUTER SCIENCE AND APPLICATIONS

## Programme/s Offered:

- M.C.A. (Master of Computer Applications)
- M.B.A. e- Commerce (Master of Business Administration in e Commerce)
- B.C.A. (Bachelor of Computer Applications)
- P.G.D.C.A. (Post Graduate Diploma in Computer Applications)
- M.Phil. (Computer Science & Applications)
- Ph.D.

## Profile of the Department:

This school of studies was established in 1995 with the aim to impart quality education through various teaching programmes and research activities in the field of Computer Science. The school currently offers 3-years full time course in Master of Computer Application (MCA) recognized by All India Council of Technical Education (AICTE) , a two years full time course in M.B.A e-Commerce, a three years Bachelor degree in Computer Applications (B.C.A.) , a one year post graduate diploma in Computer Applications (PGDCA) and one year M.Phil. in Computer Science & Applications programme.



The school is also a recognized research centre in Computer Science leading to **Ph.D. degree**. Currently a no. of research scholars are working in various fields of Computer Science & Applications.

**Facilities:** The school has a well furnished state of the art Computer Laboratory which includes **SUN servers, Xeon Server, PIV Servers, thin clients, 60 PIV computers**. There exists a Local Area Network (LAN) within the department which is then connected to Campus Wide Network. Through Campus Network we are connected to INFLIBNET which is providing access to more than 8000 eJournals. Our school also has a rich departmental library containing more than 7000 books of Computer Science.

**Faculty:** Dr. D.N. Goswami, Professor  
Dr. Sanjay K. Gupta, Associate Professor & Head

## M.C.A: (Three years / Six Semesters)

**Objective of the Course :** with the increasing availability of computer system at relatively low price, more and more organizations are looking for computerizing their complex operations which have resulted in a demand for computer application professionals. The medium and large sized organizations have started using computers for a variety of management and data processing needs. It is to meet this demand for computer complex professionals , the school had started the MCA programme. Taking into account the structure of the existing programme and the available employment opportunities, the objectives of the master of Computer Applications degree programme can be stated below :

- To impart comprehensive knowledge and practical skills covering all aspects of computer uses in business, industries and service sectors.
- To impart expertise to perform as application system designer, implementers and managers in major areas of computer applications.

**Available Seats :** 40

**Eligibility :** Bachelor's degree of minimum three years duration in any discipline with mathematics as compulsory or additional subject at Higher Secondary (10+2).

**Mode of Selection :** Admission through Pre MCA test conducted by VYAPAM Bhopal, followed by on-line counselling .

**Contact Person :** Dr. Sanjay K. Kumar Gupta, Reader & Head

**Course Structure (Theory) :**

<b>SEMESTER 1</b>	<b>SEMESTER 2</b>
Introduction to Information Technology	Operating Systems
Mathematical Foundations of Computer Science	Database Management Systems
Programming and Problem Solving in 'C'	Data Structures Using 'C' language
Computer Organisation and Assembly Language Programming	Probability and Combinatorics
Oral and Written Communication	Software Engineering
<b>SEMESTER 3</b>	<b>SEMESTER 4</b>
Computer Networks	Analysis and Design of Algorithms
Object Oriented Programming using C++	System Software
UNIX & Shell Scripting	Java Programming
Computer based Numerical and Statistical Techniques	Optimization Techniques
Organisational Behaviour	Accounting & Management Control
<b>SEMESTER 5</b>	<b>SEMESTER 6</b>
Artificial Intelligence and Expert Systems	System Development Project (Here student is required to undertake six months system development project in the Industry or in a Computer Organization and submit a detailed project report )
Computer Graphics and Multimedia	
Simulation and Modeling	
E1 / E2 / E3	
E4 / E5	

**E1:** Theory of computation

**E2:** ERP & BPR Allied Concepts

**E3:** Managerial Economics

**E4:** Dataware housing and data mining

**E5:** Internet and its applications

**M.B.A. e-Commerce : (Two years / Four Semesters)**

**Objective of the Course**

Electronic Commerce has unleashed yet another revolution, which is changing the way businesses buy and sell products and services. It is associated with buying and selling of information, products and services over computer communication networks. E-Commerce (EC) helps conduct traditional commerce through new ways of transferring and processing information, since it is information which is at the heart of any commercial activity. Information is electronically transferred from computer to computer, in an automated way. This has, in fact, transferred the way organizations operate. Today, it is the velocity of information processing and dissemination which determines the speed of real commerce. Computers and networks, by virtue of their great speed, are creating electronic marketing with the potential to be more efficient in finding and interacting with customers, communicating with trading partners and developing new products and markets. To take up advantages of e-commerce revolution, we will have to equip ourselves with the required knowledge and technology. To cope up with these challenges, our university had started a 2 years M.B.A. e-Commerce programme.

In this programme students would be groomed in the latest e-commerce technologies for increased reliability, security in the business transactions, efficiently.

**Eligibility :**

Graduation in any discipline from a recognized university

**No. of Seats :** Open = 35, Payment = 05, NRI = 03  
**Mode of Selection :** Merit in common entrance test conducted by Jiwaji University.  
**Contact Person :** Dr. Sanjay K. Kumar Gupta, Associate Professor & Head

**Course Structure (Theory) :**

SEMESTER 1	SEMESTER 2
Introduction to e-Commerce	OOPs using 'C++'
Introduction to Information Technology	Software Engineering and Software Project management
Programming in 'C'	Database Management System
Operating System	Visual Basic
System Analysis & Design	Managerial Economics
Operations Research	Networking Concepts & Design
SEMESTER 3	SEMESTER 4
E-Marketing	ERP & BPR Allied concepts
Data mining & Data warehousing	Internet & its Applications
Computer Graphics	UNIX & Shell Scripting
Accounting Management Control	Project Work Equivalent to four credits
Java Programming	
Data structures using C++	

**B.C.A : (Three years / Six Semesters)**

**Available Seats :** Open = 40, Payment = 20  
**Eligibility :** 10+2 with 45% marks and mathematics as compulsory or an additional subject.  
**Mode of Selection :** Merit in common entrance test conducted by Jiwaji University  
**Contact Person :** Dr. D.N. Goswami , Professor & Coordinator

**Course Structure (Theory)**

:

SEMESTER 1	SEMESTER 2
Computer Fundamentals	Mathematics – I I (Calculus)
Programming in 'C'	Data Base Management Systems
Digital Principals	Data Structure
Communication Skills-I	Application Software Packages
Mathematics – I (Discrete Mathematics)	Environmental Awareness
SEMESTER 3	SEMESTER 4
Mathematics – I II (Advanced Calculus)	Computer Architecture
Operating System	Object Oriented Programming
Visual Basic	System Analysis & Design
Communication Skills-II	Introduction to Internet Technologies.
Accounting & Financial Management	Mathematics – IV (Differential Equations )
SEMESTER 5	SEMESTER 6
Computer Graphics	Mathematics – VI ( Numerical Methods)
Introduction to Linux	ORACLE 8
Software Engineering	Computer Networking
Mathematics – V (Statistical Methods)	eCommerce

Active Server Pages	JAVA Programming
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### **P.G.D.C.A : (One year / Two Semesters)**

**Seats :** 50  
**Eligibility :** Graduation in any discipline from a recognized university.  
**Mode of Selection :** Merit in index prepared on the basis of marks obtained in qualifying examination.  
**Contact Person :** **Dr. D.N. Goswami , Professor & Coordinator**  
**Course Structure (Theory) :**

SEMESTER 1	SEMESTER 2
Computer Fundamentals	Visual Basic
Application Software Packages	Object Oriented Programming
Programming in 'C'	Concept of DBMS through FoxPro
Computer organization & architecture	Introduction to Internet Technologies.
System Analysis & Design	Introduction to Linux

### **M.Phil (Computer Science & Applications) : (One year / Two Semesters)**

**Available Seats :** 10  
**Eligibility :** Master Degree in Computer Science or Applications with 55%  
**Mode of Selection :** Through entrance test conducted by Jiwaji University  
**Contact Person :** Dr. Sanjay Gupta, Associate Professor & Head

#### **Course Structure (Theory) :**

SEMESTER 1	SEMESTER 2
Research methodologies	Elective -II
Elective -I	Dissertation (Accepted /rejected ) No Marks

#### **Elective –I**

- Advance networking and security system
- Datamining and Data Warehouse

#### **Elective –II**

- Software Technologies
- Web technologies

**Placement Services :** Placement cell provides best possible assistance to students in getting placement for Industrial training, Project for six months in the final semester, publishing of broacher and interaction with companies, and also helps to organize the campus interview.

The following Industries/ organizations are a few, where students of the school has undergone their project training. Many of them have been absorbed in their respective companies.

TCS	IMPETUS INFOTECH (INDIA) PVT. LTD	NIIT
BAJAJ AUTO LTD.	SIEMENS	RIVER RUN
WIPRO	KLG SYSTEL LTD.	J.K. TYPES
HIMACHAL FUTURISTIC COMM LTD.	MODI ALKATEL	NIC
CMC LTD.	R SYSTEM	BHEL
C-DAC	DCM DATA SYSTEMS	ESCORTS

HIMACHAL FUTURISTIC COMM LTD.	ERICSSON COMMUNICATION (P) LTD.	BIRLA SOFT LTD
HCL INFOSYSTEMS LTD.	HUGHES SOFTWARE SYSTEMS	VSNL
NAGARJUNE FERTILIZERS & CHEM. LTD.	SIEMENS INFORMATION SYSTEMS LTD	C-DOT
POLARIS	SUVY	
MAZAGON DOCK LTD.	IIS INFOTECH	
HCL PEROT SYSTEMS	MODI XEROX	

### Fees for the Courses:

Course	I Semester	II Semester	III semester	IV Semester	V Semester	VI Semester
<b>Open Seats -</b>						
M.C.A.	-	-	-	-	-	-
M.B.A. e-commerce	Rs.16315	Rs. 11425	Rs.12715	Rs. 11425	-	-
B.C.A	Rs. 12915	Rs.9025	Rs.10375	Rs.9025	Rs.10375	Rs.9025
PGDCA	Rs. 12915	Rs. 9025	-	-	-	-
M .Phil.	Rs. 14420	Rs. 10525	-	-	-	-

**Payment Seat:** M.B.A (e-com.) Rs. 11000/- additional per semester and BCA Rs. 11000/- additional per year to the fees for Open Seat



## Faculty of Life Sciences

- **School of Studies in Botany**  
M.Sc. Botany  
M.Phil.
- **School of Studies in Microbiology**  
M.Sc. Microbiology
- **School of Studies in Biochemistry**  
M.Sc. Biochemistry
- **School of Studies in Zoology**  
M.Sc. Zoology  
M.Phil.
- **Centre for Genomics**  
M.Sc. Molecular and Human Genetics  
PGD in Forensic Science
- **School of Studies in Neuroscience**  
M.Sc. Neuroscience
- **Indira Gandhi Academy of Environmental Education  
Research and EcoPlanning**  
M.Sc. Environmental Sciences  
M.Phil.

## SCHOOL OF STUDIES IN BOTANY

### Programmes Offered:

- M.Sc.
- M.Phil.
- Ph.D.

### Profile of the Department:

Since its inception, the School has been actively engaged in conducting good amount of high grade research work. Over 150 students have obtained Ph.D. degree under the supervision of the teachers of the school. The school has occupied an important position amongst the institutions of the country. Several research projects sponsored by DST, DBT, DOEN, MPCST, Potash Research Institute, UGC, ICMR etc. have been conducted successfully. Many teachers of the school have been honoured by various international and national awards. Highly qualified teachers of the school are specialized in various fields viz. Plant Pathology, Mycology, Plant Physiology, Biochemistry, Ethnobotany, Aerobiology, Stress Physiology, Mycotoxicology, Ecology and Agroecology. The school is equipped with good teaching and research facilities including library, computer, internet, tissue culture laboratory. The school is also well equipped with a number of modern sophisticated instruments like. Atomic Absorption Spectrophotometer, UV-Vis Spectrophotometer, PCR, High-speed and refrigerated centrifuge, Deep freezer, laminar air flow, Electrophoresis system, Air Samplers etc. The school has organised a large number of conferences, seminars, symposia and workshops. Refresher courses for teachers in Botany and Microbiology have also been organised by the school. Teaching is imparted at the post graduate level, M. Phil., Research leading to Ph. D. and D.Sc. degrees. Internationally eminent botanists of the country have always been associated with the school as visiting and honorary Professors. The botanical garden of the department comprises a good number of taxa of various groups including a large number of medicinal plants. The herbarium consists of over 6500 specimens and is recognised by **New York Botanical Garden, New York**.

### Faculty:

Prof. Ashok K. Jain	Prof. K.K. Koul	Prof. R.M. Agrawal
Prof. Rekha Bhadauria, Head	Prof. Avinash Tiwari	

### M.Sc.: (Two year / Four semester)

**Eligibility :** B.Sc. with Botany with 50% marks.

**Available Seats :** Open = 30      Payment = 10      NRI = 05

**Mode of Selection :** On the basis of the merit in index based on the qualifying examinations.

#### Course Structure :

Semester- I	Semester- II	Semester- III	Semester- IV
Bacteriology, Virology & General Microbiology	Ecology, Climatology, Soil Sci. & Autecology	Angiosperm Morphology & Taxonomy	Genetics, Plant Breeding and Evolution
Biology & Diversity of Fungi & Plant Pathology	Angiosperm Anatomy & Embryology & Palynology	Cytology & Molecular Biology of Plants	Plant Biotech.: In Vitro Culture ,Genetic Engg. & IPR Issue
Biology & Diversity of Algae, Bryophyta & Lichen	Water Relations Growth & Development	Biometry, Bioinformatics & Instrumentation	Elective – any one from Group A
Biology & Diversity of Pteri-dophytes & Gymnosperm	Plant Biochemistry & Metabolism	Ecology II: Synecology., Eco-systemato. & Phytogeography	Elective – any one from Group B
Practical I	Practical I	Practical I	Practical I
Practical II	Practical II	Practical II	Practical II

**Group–A :** Ethnobotany and Isolation of Natural Products, Stress Physiology

**Group–B:** Biochemistry and Metabolism in Plant, Plant Pathology& Mycotoxology , Agroecosystem

01. The Elective papers shall be allotted on the basis of merit of the student in the previous semesters.

02. The elective papers to be taught in a particular session: To be decided by Staff Council in the beginning of IV-semester.

**M.Phil (Botany):**

**Eligibility :** M.Sc. Botany with 55% marks.

**Available Seats :** Open = 10      NRI = 02

**Mode of Selection :** On the basis of merit in test conducted by the university.

**Course Structure:**

I-Semester	II- Semester
1. Compulsory paper –I Research Methodology and Computer Application. 2. Optional paper –II : Any one of the following Electives: (a) Advanced Plant Biochemistry. (b) Agroecology (c) Conservation of Phytodiversity (d) Environmental Stresses (e) Toxieology	1. Compulsory Paper-II General Instrumentation. 2. Dissertation.

**Fees for the course:**

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
M.Sc.	Rs. 8115.00	Rs. 4225.00	Rs. 5575.00	Rs. 4225.00
M.Phil	Rs. 14420.00	Rs. 10525.00		

**Payment Seat:** M.Sc. - Rs. 7000/- additional to the fees for Open seat.

## SCHOOL OF STUDIES IN MICROBIOLOGY

### Programmes Offered:

- M. Sc. Microbiology (Two years / Four semesters)
- Ph.D.

### Profile of the Course :

School of Studies in Microbiology came into existence in 1995 under the self supporting programmes. The Two year/ Four semesters M.Sc. programme in Microbiology is based on the semester system with the objective to produce manpower in applied areas. Students who have completed M.Sc. from our Department have been absorbed in various laboratories, industries and other organizations. Some of the students have qualified NET/ GATE examinations as well.

Over the past fifteen years, School of Studies in Microbiology has built up a worthwhile teaching/ research base. In addition to routine laboratories, the Department has a well equipped instrumentation facility, a rich library and computer facility accessible to the students under the guidance of worthy teachers. The major instruments include: Thermal cycler, Electrophoresis systems, UV-visible spectrophotometer, Cooling centrifuge, Deep freezer and Laminar air flow etc. The Department has successfully completed a few research projects sponsored by Department of Biotechnology, University Grant Commission and MOEF, New Delhi.

The post graduate Course in Microbiology offers excellent opportunities for carrier advancement and students can look forward for being absorbed in private/public sectors/autonomous organisations. It is needless to emphasise the scope of microbiology, both the private and public sectors have profuse interest in the industrial applications of microbial technology like synthesizing new drugs, proteins, enzymes, antigens and diagnostic materials.

### M.Sc. Microbiology : (Two years / Four semesters)

<b>Eligibility</b>	:	B.Sc. with 50% marks with Microbiology / Biotechnology / Botany / Zoology / Chemistry / Environmental Science.
<b>Available Seats</b>	:	Open = 20      Payment = 20      NRI = 05
<b>Mode of Selection</b>	:	On the basis of the merit in entrance test conducted by the university
<b>Contact Person</b>	:	<b>Prof. Avinash Tiwari</b> , Coordinator Ph. No. 0751-2442739, 2442743

### Course Structure :

<b>Semester- I</b>	<b>Semester- II</b>
Introduction to Microbiology General & Bacteriology	Microbial genetics and Molecular Biology
Virology & Mycology	Immunology
Cell Biology & Biochemistry	Microbial Physiology and Metabolism
Bioinstrumentation	Biostatistics, Computer fundamentals and Bioinformatics
Lab Course-I	Lab Course-I
Lab Course-II	Lab Course-II
<b>Semester- III</b>	<b>Semester- IV</b>
Medical Microbiology	Agriculture Microbiology
Recombinant DNA Technology	Food Microbiology
Microbial Technology	Lab Course
Environmental Microbiology	Project work of 3-4 month duration
Lab Course-I	
Lab Course-II	

**There will be seminars in all the semesters.**

**Fees for the course :**

<b>Course</b>	<b>I Semester</b>	<b>II Semester</b>	<b>III Semester</b>	<b>IV Semester</b>
<b>Open Seats -</b>				
M.Sc. Microbiology	Rs. 25615.00	Rs. 21725.00	Rs. 23075.00	Rs. 21725.00

**Payment Seat:** M.Sc. - Rs. 16000/- additional to the fees for Open Seat

## **SCHOOL OF STUDIES IN BIOCHEMISTRY**

### **Programmes offered**

1. M.Sc Biochemistry
2. Ph.D Biochemistry

The School of Studies came into existence in 1986 and offers post graduate, M.Phil and doctoral degree in Biochemistry. The school is one of the few ones on the campus that Produces students of high academic distinction every year. The post graduate curriculum is updated almost every year to infuse the latest developments into the curricula. The school attracts students from all over the country and the admission to the PG course of the school are made through a National level entrance examination to ensure the admission to the students with high academic competence. The teaching program of the department has been on sound footings since the time of its inception because of sincere and dedicated faculty of the school. The school owes a reasonably good library and books worth Rs 1

lakh are added every year. Good infrastructure for advanced research in various fields of Biochemistry and Biotechnology are available in the school. The proposed thrust area for research in the school include Molecular Biology, Genetic Engineering, Biochemical Toxicology, Immunodiagnostics, Reproductive, Immunology, Pesticide Chemistry, Genetic Disorders, and Pharmaceutical Biochemistry. The school attracted research grants to the tune of two Crores from National as well as International funding agencies. The school is actively involved in collaborative research program with sister departments of the campus and other Institutions of the city such as Defence Research and Development Establishment, Gwalior and with other Institutes such as Industrial Toxicology Research Centre, Pt Ravi Shankar Shukla University, Banaras Hindu University, Mahatma Gandhi Institute of Medical Sciences. The school envisaged to develop into a nucleus of advanced research in the years to come and all efforts are et in motion in that direction. The school is recognized by Department of Science and Technology, Ministry of Science and Technology, New Delhi, for financial support under FIST program.

#### **Major equipment available for Biotechnology program**

- |                               |                        |                             |
|-------------------------------|------------------------|-----------------------------|
| 1. Uv-Vis Spectrophotometer-2 | 4. Photo Bioreactor    | System PCR                  |
| 2. Refrigerated Centrifuges-2 | 5. HPLC                |                             |
| 3. Plant Growth chambers.     | 6. Gas chromatograph   | Thermocycler                |
|                               | 7. Inverted Microscope | 10. Real time PCR           |
|                               | 8. CO2 incubator       | 11. Electrophoretic systems |
|                               | 9. Gel documentation   |                             |

### **M. Sc (Two years / Four semester)**

**Eligibility:** Graduation with 50% marks with Biochemistry/ Zoology/ Biotechnology/ Botany/ Environmental Sciences/ Microbiology/ Zoology/ Pharmacy/ Medicine/ Instrumentation with **Chemistry as one of the compulsory subjects.**

**Available seats** Open = 25 Payment: 15 NRI: 06

**Mode of selection** On the basis of Merit Index based on the qualifying examination

**Faculty** Prof. Y.K Jaiswal, **Prof. G.B.K.S Prasad, Head**  
Prof. Nalini Srivastava Dr. Purnima Kishore, Associate Professor

#### **Course Structure & Curriculum**

<b>Semester I</b>	<b>Semester II</b>	<b>Semester III</b>	<b>Semester IV</b>
Cell Biology	Molecular Biology	Genetic engineering	Frontier Technologies in Biosciences
Biomolecules	Immunology	Plant Biochemistry	Biostatistics, Computers & Bioinformatics
Microbiology	Enzymology	Animal Physiology & Endocrinology	Lab.course VII /Technical writing / Review writing
Tools & Techniques	Bioenergetics & Metabolism	Nutritional & Clinical Biochemistry	Project work
Lab. Course 1	Lab. Course 1II	Lab. Course V	
Lab. Course 2	Lab. Course 1V	Lab. Course VI	

#### **Course Fee:**

<b>Course</b>	<b>I Semester</b>	<b>II Semester</b>	<b>III Semester</b>	<b>IV Semester</b>
A. Open Seats	Rs. 25615.00	Rs. 21725.00	Rs. 23075.00	Rs. 21725.00
B. Payment seats - Rs. 16000/- per semester- additional to the fee for open seat				

**SCHOOL OF STUDIES IN ZOOLOGY**



## Programmes Offered:

- M.Sc.
- M.Phil.
- Ph. D. / D.Sc.

## Profile of the Department:

The School of Studies in Zoology was established in 1971 as one of the teaching departments of the Jiwaji University, Gwalior. The mandate of the School is to impart quality education and training to the students and to conduct research in Zoology and interdisciplinary areas leading to M.Sc., M.Phil, Ph.D. and D.Sc. degrees. The School is well known for excellent research work in various fields of Zoology and allied disciplines. More than 35 research projects have been sanctioned to the School by various agencies like UGC, DST, DBT, DAE, DRDO, DRDE, DOE, CSIR, ICMR, ICAR, MPCOST, CCRUM, GTZ (Germany) etc. In recent years, the department has received research grants worth more than two crore of Rupees. A good number of candidates have completed their research work from the School and have obtained D.Sc. (one), Ph.D. (125), and M.Phil (66) degrees. At present more than 40 Research scholars including Post-doctoral (03), Ph.D. (25) and M.Phil. (10) Scholars are working in various fields. A large number of articles and research papers (more than 600) have been published by the teaching staff and Research Scholars of the Department in various national and international journals of repute and some books (10) have been written and edited by Researchers of the School. The School is equipped with good teaching and research facilities including library, computer, internet and networking laboratory, animal bio-diversity laboratory (museum), radiation laboratory, walk-in cold room, tissue culture laboratory, animal house, power supply back-up and sophisticated instruments such as atomic absorption spectrophotometer, liquid scintillation counter, all types of electrophoretic and blotting systems, vacuum concentrator, UV-visible spectrophotometers, high-speed and refrigerated centrifuges, auto-analyzer, ELISA reader, liquid and gas liquid chromatography, gel documentation system, phase contrast microscope, fluorescent microscope and inverted microscope, PCR, cryo-cut and ultra-cut microtomes etc. Recent addition of facilities in the department include UV-visible micro-plate spectrophotometer-cum ELISA reader, & microplate washer, trinocular stereozoom microscope, ultrasonic homogenizer, trinocular phase contrast and bright field research microscope and lyophilizer.

Besides teaching and research, the School is also involved in popularization of science and extension activities in the fields of wild life conservation, beekeeping, vermicomposting & organic farming.

On successful completion of first phase (5 years) of Departmental Research Support under Special Assistance Programme (DRS-SAP) with thrust area **Aquatic Biology**, the University Grants Commission, New Delhi has sanctioned DRS-SAP phase II programme for five years with thrust area **Biodiversity Characterization and Environmental Impact**. The School has also received funds under Improvement of Science & Technology Infrastructure (FIST) scheme from Department of Science & Technology (DST), New Delhi. University Grants Commission, New Delhi has sanctioned a special infrastructural grant of Rs. 40 lakhs, in two phases, for strengthening of teaching and research activities. Fifteen Research Fellowships, under scheme of research fellowships for meritorious students in identified SAP departments, and ten research fellowships, under the scheme of Rajiv Gandhi fellowships for SC/ST candidates, have been sanctioned by UGC, New Delhi.

The faculty members and Research Fellows of the Department have visited several countries for research work, training and for participation in conferences, seminars, symposia, workshops and other scientific and academic events. Several awards and achievements have been given by national and international organizations to the faculty members and Research Fellows. The alumni of the Department are well placed in India and abroad, and some of them have entered in entrepreneurship and running their own company. In 2009-10, nine candidates including M.Sc. students and Research Scholars were selected for recruitment as Trainee Executives by Pest Control (India) Pvt. Ltd. (PCI) in a campus selection programme organized in the Department.

## M.Sc.: (Two year / Four Semester)

**Eligibility :** Graduation with 50% marks with Zoology as one of the subjects.  
**Available Seats :** Open = 30      Payment = 10      NRI = 06  
**Mode of Selection :** On the basis of the Index based on the merit in qualifying examinations.  
**Faculty :**

Prof. D.N. Saksena	Prof. Ajai K. Jain	Prof. O.P. Agrawal
<b>Prof. Sangeeta Shukla, Head</b>	Prof. I.K. Patro	Prof. P. K. Tiwari
Prof. R.J. Rao		

**Course Structure :**

Semester- I	Semester- II	Semester- III	Semester- IV
101. Structure and Function of Invertebrates	201. General & Comparative Animal Physiology	301. Comparative Anatomy of Vertebrates	401. Animal Behaviour
102. Quantitative Biology	202. Biomolecules & Structural Biology	302. Developmental Biology	402. Biology of Parasitism & Vertebrate Immune System
103. Molecular Cell Biology & Genetics	203. Population Ecology & Environmental Physiology	303 (A): Aquatic Ecology & Resources ZOOLOGY 303 (B): Methods in Cell & Molecular Biology 303 (C): Comparative Endocrinology 303 (D): General Entomology and Insect Morphology 303 (E): Fish Structure & Function	403 (A): Fisheries & Pisciculture 403 (B): Neurobiology & Immunology 403(C): Male Reproductive Endocrinology 403 (D): Insect Taxonomy, Ecology & Development 403 (E): Taxonomy, Systematics & Ecology of Fishes
104. Tools & Techniques for Biology	204. Biosystematics, Taxonomy & Evolution	304 (A): Fish Biology & Physiology 304 (B): Cellular Structure & Molecular Organization 304 (C): Endocrine Physiology 304(D): Insect Anatomy & Physiology 304 (E): Fish Morphology & Anatomy	404 (A): Aquaculture 404 (B): Chromosomes, Genes & Genetic engineering 404 (C): Female Reproductive Endocrinology 404 (D): Applied Entomology 404 (E): Pisciculture & Economic Importance of Fishes
105. Practical	205. Practical	305. Practical	405. Practical
106. Practical	206. Practical	306. Practical	406. Practical

\* Any one of the following specializations is to be opted by each student: (A) Entomology, (B) Endocrinology, (C) Cell Biology and (D) Aquatic Biology & Aquaculture

**M.Phil. Zoology: (One year / Two semesters)**

**Eligibility :** M.Sc. Zoology with 55% marks.  
**Available Seats :** Open = 10      NRI = 02  
**Mode of Selection :** On the basis of merit in test conducted by the university.

**Course Structure :**

Semester- I	Semester- II
MPHZ-101: Research Principles & Methodology	Optional Paper MPHZ-201: Any one of the following
MPHZ-102: Instrumentation	(A) Fish Physiology, (B) Insect Physiology, (C) Reproductive Biology, (D) Environmental Toxicology, (E) Wildlife Biology & Management., (F) Neurobiology, (G) Molecular & Human Genetics, (H) Aquatic Biology & Fisheries MPHZ-201: Dissertation based on project work

#### Fees for the course:

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
M.Sc. Zoology	Rs. 8115.00	Rs. 4225.00	Rs. 5575.00	Rs. 4225.00
M.Phil.	Rs. 14420.00	Rs. 10525.00		

**Payment Seat:** M.Sc. - Rs. 7000/- per semester additional to the fees for Open Seat

## CENTRE FOR GENOMICS

### Programmes offered:

- M.Sc. in Molecular and Human Genetics
- Post Graduate Diploma in Forensic Science

### MASTER OF SCIENCE IN MOLECULAR AND HUMAN GENETICS

[Supported by Department of Biotechnology, Govt. of India, New Delhi]

#### *About the program*

The Centre for Genomics at Jiwaji University offers outstanding interdisciplinary training and research opportunities for graduate students coming from life science and medical background, through its M.Sc. Program in Molecular and Human Genetics. The M.Sc. Program comprises 4 semesters of 6 months duration each. The students shall carry out a short project work in the subject related to the course under the supervision of the faculty involved and submit the dissertation report along with a presentation for evaluation. The students will participate in monthly seminars and journal clubs to meet the needs in their aim to become an interdisciplinary researcher. The centre also conducts Ph. D. program in Molecular & Human Genetics and allied fields.

### ***Scope & Career/ job opportunities***

The goal of the Centre for Genomics is to prepare its students to have a better job prospects in R & D divisions of pharmaceutical and biotechnology industries, whose numbers are rapidly growing in India. It also provides students opportunity for a successful career as University/college faculty, research scientist in national and private research organization, medical biotechnologist, genetic counselor, etc., in the organizations dealing with Medical biotechnology, Medical genetics, Molecular biology, Human genetics, Clinical genetics and Genetic (molecular) diagnosis, Hospitals & clinics as well as other organizations related to biotechnology (e.g., agriculture, dairy sectors, etc.). In addition, the students who have completed this course can also establish their own genetic diagnosis and counseling centre for inherited and non-inherited (e.g., cancer, diabetes, thalassemia, tuberculosis, etc.) human diseases as well as IVF clinics in association with medical practitioners.

**Contact Person:** Prof. Ishan Patro, Co-ordinator  
Email: genomicsju@gmail.com

### ***Teaching & Research Infrastructure***

The Centre for Genomics has sophisticated infrastructure with state-of-art technology instruments and equipments for advanced training in molecular and clinical research. The department is equipped with spacious classrooms and laboratories, Molecular biology lab, tissue culture facility, Biosafety lab (to work on infectious organisms), PCR room, Gel-documentation room and microscopy room. The equipment list includes **Real time PCR** (Bio-Rad & ABI), **Thermocycler** (Eppendorf), **Gel documentation system** (Bio-Rad and UVi Tech), **2D Gel electrophoresis system** (GE Healthcare), **Milli-Q Water Purifier** (Millipore), **Biosafety cabinet Class II Type B2** (Kartos), **CO<sub>2</sub> incubator** (Sanyo), **Cooling water bath** (MRC), **UV-Visible spectrophotometer** (Thermo), to name a few. The Centre is also equipped with high quality microscopes from Leica (Germany) including **Fluorescence, Bright field, Inverted** and **Stereo-zoom** microscopes.

### ***Job/Research Placements***

Many of the pass out student from the Centre for Genomics have either been recruited by several well known companies, like **Gulf Pharmaceuticals, HH Biotech, Novartis, Wipro, Tata Chemicals, Intas Biopharma, SmartAnalyst, Cipla, SRL Ranbaxy, Auroprobe Laboratories, LeadInvent Technology, Oncquest Laboratories, Ranbaxy Laboratories**. Several others are working at various prestigious research institutions in India and abroad for their PhD or at various research positions (e.g., **Texas University, University of California, USA, Dublin University, Ireland, Advanced Centre for Treatment Research and Education in Cancer, Banaras Hindu University, Delhi University, Centre for DNA Fingerprinting and Diagnostics, Chittaranjan National Cancer Institute, Indian Institute of Science, Centre for Cellular and Molecular Biology, Institute of Genomics and Integrative Biology, All India Institute of Medical Sciences, Institute of Nuclear Medicine Allied Sciences, Translational Health Science and Technology Institute, Shri Mata Vaishno Devi University, Regional Centre for Biotechnology, National Bureau for Fish Genetic Resources, Jiwaji University, Vijaya Institute of Medical Science, Airforce Academy**, to name a few).

### ***Students Achievements***

The Department of Biotechnology, Government of India, New Delhi, has substantially supported the Centre for Genomics to develop equipment, lab and library facilities of the department. Students are being selected as industrial trainees (6 months) by various biotech companies through DBT-BCIL program, with an objective to absorb them as employees in these industries. **In the year 2011-12 four students have been selected by different biotechnology industries for their training and job placement under**

this program. A good number of students (15) have also qualified national level examinations like UGC-CSIR NET, DBT-BET and GATE.

### **Research and Training**

The ongoing research programs at the Centre for Genomics include study on **Human Genome Diversity** with special reference to primitive tribes in this region, identification of molecular genetic markers of disease susceptibility, cellular and molecular biology of **stress response**, molecular pathogenesis of **cancer**, clinical **genetics of inherited diseases**, **genetic conservation** of endangered species, etc. These programs are funded by various government agencies, including **DAE-BRNS, ICMR, DST, DBT and MPCST**, which have generated a self-sufficient laboratory in many respects. The Centre has already organized several short-term hands-on training workshops for teachers and research scientists on Molecular biology, Clinical Cytogenetics and Bioinformatics. The Centre for Genomics is establishing a **regional genetic diagnostic centre** for diagnosis and counseling of genetic diseases.

**Eligibility** Bachelor of Science with 50% marks with Biology/Life Science/Genetics/Zoology/Microbiology/Botany/Biochemistry/Biotechnology and other allied subjects with Chemistry as one of the paper. MBBS/B.V.Sc/BDS students can also apply.

**Available Seats** Open Seats: 10 Payment Seats: 05 NRI: 02  
**Mode of Selection** Merit in entrance test conducted by Jiwaji University, Gwalior.

### **Course Structure**

The syllabus of the course is so designed that it covers the major topics of the **UGC-CSIR NET** exam. The detailed syllabus can be downloaded from our website, **[www.centreforgenomics.ac.in](http://www.centreforgenomics.ac.in)**

#### **1<sup>st</sup> Semester**

Principles of Genetic Inheritance  
Basic Human Genetics & Model Organisms in Genetic Studies  
Molecular Organization of Chromatin & Cytogenetics  
Tools & Techniques  
Practical I and Practical II

#### **2<sup>nd</sup> Semester**

Molecular Genetics and Genomics  
Molecular Structure & Functions of the Cell and Cancer Biology  
Biomolecules, Cellular Metabolism and Human Metabolic Disorders  
Developmental Genetics and Genetics of Human Development & Developmental Defects  
Practical I and Practical II

#### **3<sup>rd</sup> Semester**

Human Molecular Genetics & Human Genomics  
Molecular & Clinical Genetics of Human Diseases & Genetic Counseling  
RDT & Molecular Diagnostics in Human Diseases  
Immunogenetics & Molecular Genetics of Human Pathogens  
Practical I and Practical II

#### **4<sup>th</sup> Semester**

Population Genetics, Human Evolutionary Genetics and Behaviour Genetics  
Biostatistics & Bioinformatics  
Practical I  
Dissertation & Viva-voce Examination

## **POST GRADUATE DIPLOMA IN FORENSIC SCIENCE (PGDFS)**

### **About the course:**

The word "forensic" means "pertaining to the law"; forensic science resolves legal issues by applying scientific principles to them. Forensic scientists perform comprehensive chemical and physical analyses on evidence submitted by law enforcement agencies. Their work is often instrumental in apprehending and convicting criminals. In the recent past there has been significant increase in the crime rates as well as in the pattern of crimes and criminals in India. Often, routine legal investigations face difficulties in decision making in certain complicated criminal cases. In such conditions, the knowledge and application of forensic science and its tools provide decisive evidences, facilitating accurate legal decisions and verdict. In recent

times, there has also been a parallel increase in the effort to develop newer and more refined methodologies, having significant advantage over existing methods, to cope-up with the problems of decision-making. For this, there is a need of well trained persons who could provide technical support to the legal authorities, such as Police and Judiciary, to maintain law and order and deliver justice to the aggrieved.

Keeping in view the above issues, the Jiwaji University has initiated a one year Post Graduate Diploma course in Forensic Science for the students who wish to develop career in Forensic Science. The students will be competently prepared in the areas of finding, preserving, developing, collecting, analyzing, recording, and presenting physical evidences, utilizing modern scientific methods used in the field and laboratory for forensic identification. **Special emphasis will be given on the applications of DNA Forensics, the most sought after area of Forensic Science, crime or paternity test.** The course is designed to provide the students with crucial information that will allow them to become Qualified Expert in the respective areas of Forensic Science.

**Career options:**

There are varieties of options for forensic professionals. They can specialize in subjects as varied as medicine, engineering, fingerprinting, anthropology, etc. The students can develop expertise in any of the areas of Forensic Science, including, **Crime Scene Investigation, Forensic Pathology/Medicine, Forensic Anthropology, Forensic Psychology and Psychiatry, Forensic Dentistry, Forensic Serology, Forensic Chemist, Ballistics and Toxicology.**

**Job prospects:**

Education in Forensic Science, Cyber Forensics, Forensic Psychology, Crime scene investigation, etc. provides the backbone for those who wish to work within the justice department as Forensic Expert, Scientist, Administrator, Private Investigator, Detective, Forensic Analyst, Forensic Examiner, Teacher, Psychologist, Legal Consultant or in other positions. The pass out students will have the potential to get job opportunities in both government and private sectors.

**Government Sector:** Police Department, Crime Branches, CBI, CID, Forensic Science laboratories, IB, Banks, Defence/Army, Courts, Quality control bureau, Narcotics Department, Hospitals, etc.

**Private sector:** Detective agencies, Banks, Insurance Companies, Universities, Hospitals, Security Services Agencies, Helpful to lawyers/Advocates, Law firms, Private companies, Own Private practices, etc.

**Eligibility :** B. Sc. with 50% marks and Biology as compulsory subject at 10 + 2 level, MBBS, BVSc

**Contact Person :** **Prof. P K Tiwari**, Coordinator  
Email: pktiwar.ju@gmail.com, pk\_tiwari@hotmail.com  
Web: www.centreforgenomics.ac.in

**Available Seats :** Open = 10

**Mode of Selection :** Based on merit in the index based on the qualifying examination.

**Course Structure :**

<b>I – Semester</b>	<b>II – Semester</b>
General Forensic Science	Criminology and Law
Forensic Biology and Serology	Forensic Instrumentation & Computer applications
DNA Forensic and legal applications	
Forensic Chemistry and Toxicology & Medicine	Practical I
Practical I	
Practical II	
	Field Training and Dissertation

**Dissertation :** During second semester, summer (field) training of two months (May - June) to be carried out in the subject areas related to various aspects of forensic science and its applications in different academic, research or police organizations.

**Fees Structure:**

<b>Course</b>	<b>1<sup>st</sup> Semester</b>	<b>2<sup>nd</sup> Semester</b>	<b>3<sup>rd</sup> Semester</b>	<b>4<sup>th</sup> Semester</b>
M.Sc. Molecular &	Rs. 25,615/-	Rs. 21,725/-	Rs. 23,075/-	Rs. 21,725/-

Human Genetics				
PG Diploma in Forensic Science	Rs. 18,115/-	Rs. 14,225/-		

**Payment Seat:** M.Sc. Rs. 16000/- per semester additional to the fee for open seat.

## SCHOOL OF STUDIES IN NEUROSCIENCE

**Programme offered:**

**M.Sc. Neuroscience (Two years / Four semesters)**  
(A Department of Biotechnology, Govt. of India sponsored programme)

**Available Seats:** Open - 10      NRI - 02

**Studentship: All the 10 students admitted shall be awarded a Fellowship of Rs. 3000 per month. NRI students are not eligible.**

The School of Studies in Neuroscience offers a platform for research and teaching towards understanding the structure and function of the brain. This is the first and only Post-Graduate Department in Indian Universities extending interdisciplinary and inter-Institutional training to students leading to the award of M.Sc. Neuroscience degree. The M.Sc. Neuroscience teaching programme takes care of the basic disciplines such as Cell biology, biochemistry, cell and molecular biology, genetics, laboratory tools and techniques, etc. which provide a broad base during the first semester. This is followed by gradually specialized areas of neuroscience like neuroanatomy, neurochemistry, molecular neurobiology, genetics, neuroimmunology, development of brain, degeneration and regeneration of nervous system, systems neuroscience, learning, memory and cognition, clinical neurochemistry, nanotechnology, bioinformatics, tools, techniques and methods in neurobiology research.

Generous financial support from the Department of Biotechnology, Department of Science & Technology, Council of Scientific and Industrial Research, Indian Council of Medical Research, University Grants Commission and other agencies during past decade and strong academic backup and support from distinguished neuroscientists of national and international stature have allowed us to develop a research centre which one can boast of. We have successfully executed several major research projects, organized training workshops for research scientists and University and college teachers, symposia and conferences of National and International level. The School is well equipped with modern instrumentation as well as a good library. Our neuroscientists have been trained in leading Institutes in India and abroad.

The School holds the Nodal Centre for the National Initiative on Glial Cell Research in Health and Disease (supported by the Department of Biotechnology, Govt. of India) in which Scientists form the Centre for Cell and Molecular Biology, Hyderabad, Central Drug Research Institute, Lucknow, Jawaharlal Nehru University, New Delhi, National Brain Research Centre, Manesar, National Institute of Mental Health and Disease, Bangalore and ours are participating.

We also accommodate the Bioinformatics Infrastructural Facility of the Dept. of Biotechnology, Govt. of India that extends computational facilities to the Faculty and students of all the Life Science Departments for education and research.

In order to inculcate research skills in our students, in addition to their training at our research laboratory they get an exposure by way of project work/ training for about 6 months. We also make special efforts to promote an excellent general education that would provide the basis for careers in other areas such as teaching, commerce, and administration and management.

For more details please visit: [www.jiwaji.edu](http://www.jiwaji.edu) and [www.neuroscienceju.com](http://www.neuroscienceju.com)

**Objective of the Course:** The M.Sc. programme has been designed to prepare students for: (1) neuroscience research oriented positions in academia and industry, (2) careers at the interface of the bench and bedside in the academic neuroscience or (3) even in the application oriented biomedical industry.



**Course Structure:** The students with a M.Sc. degree in Neuroscience would have acquired the basic knowledge in major disciplines of the subject such as neuroanatomy, neurophysiology, neurochemistry, molecular neurobiology, neurogenetics and the working of motor, sensory and regulatory systems. The development and regeneration of the brain as well as the knowledge in basics of clinical neuroscience in terms of diseases and diagnostic tools would also be provided. They would also acquire practical training in the above aspects as well as in research methodology and computational skills.

**Teaching Methods:** The course is completed in a truly interdisciplinary and inter-Institutional mode. A variety of teaching methods are adopted including interactive lectures and seminars, group work, practical classes, computer based exercises as well as external visits to hospitals, Laboratories, Institutes, etc.

**Mode of selection:** Merit in entrance test conducted by Jiwaji University Gwalior

**Eligibility:** Graduation with 50% marks with one or two of the following subjects: Biology/ Biotechnology/ Biochemistry/ Neurobiology/ Neuroscience/ Zoology along with Chemistry. In addition veterinary science, MBBS and B.Tech (Biotech) graduates shall also be eligible.

**Scope for placement:** M.Sc. Neuroscience programme has been designed to train students for neuroscience research oriented positions in Universities/Institutes/ R&D Units of Pharmaceutical Companies engaged in production of neuropharmacological products and diagnostics, in India and abroad.

#### **Placement of our alumni:**

The alumni of this Department are now working at: All India Institute of Medical Sciences, New Delhi; National Centre for Biological Sciences, TIFR, Bangalore; Central Drug Research Institute, Lucknow; Indian Clinical Research Institute, New Delhi; Banaras Hindu University, Varanasi; MLS University, Udaipur; Reliance Life Science, Mumbai; Tata Consultancy Services, New Delhi; Dr. Reddy's, Hyderabad, Suven Life Sciences, Hyderabad; Virchow Pharma, Hyderabad; HariHar Corp., Agra; Jiwaji University, Gwalior; Innsbruck Medical University, Austria; University of Cambridge, UK; Vienna Medical University, Vienna; Defence Services, Govt. of India. IGIB, New Delhi, School of Medicine, Ajou University, Medical Centre, Suwon, South Korea, Jawaharlal Nehru University, New Delhi, Obesity and Metabolism unit, University of Laval, Quebec, Canada, Rur University, Germany, University of Montreal, Quebec, Canada, (IIT), Kanpur, International School for Advanced Studies of Trieste, Neurobiology sector, Italy, NBRC, Manesar, University of Montreal, Quebec, Canada, NIN Hyderabad, Trista Science Pvt. Ltd., Bangalore, Auroprobe Laboratories, Delhi etc.

#### **Training abroad:**

Some of our students with grants from the International Brain Organization have been trained at the IBRO Schools at Singapore, Tehran, Japan and AIain.

**Contact Person:** **Prof. P K Tiwari**, Coordinator  
Email: pktiwar.ju@gmail.com, pk\_tiwari@hotmail.com

#### **Course Structure:**

<b>I - Semester</b>	<b>II - Semester</b>	<b>III - Semester</b>	<b>IV - Semester</b>
Cell biology and neuron organization	Neuroanatomy	Neurochemistry	Clinical Neurochemistry
Biochemistry	Immunology	Sensory and motor systems	Nanotechnology and bioinformatics for neuroscience
Genetics and Molecular Biology	Developmental Neurobiology	Regulatory system	Lab Course VII: Research methods, biostatistics and computer applications
Laboratory tools and techniques	Cellular Neurophysiology and biophysics	Behavioral and cognitive neuroscience	Dissertation

Lab. Course I (LAB.): Cell Biology	Lab Course III: Neuroanatomy	Lab Course V: Neuropathology	Viva-voce related to the dissertation
Lab Course II: Genetics biochemistry and molecular biology	Lab Course IV: Neurophysiology	Lab Course VI: Behavior biology	

#### **Ph.D. PROGRAMME:**

The Centre intends to educate future scientists who will become leading researchers and educators in the brain sciences. Candidates with a M.Sc. degree in any branch of biology and have qualified the DBT-BET JRF, UGC-CSIR JRF NET, ICMR JRF or similar tests may apply. Others may also be considered on the basis of their academic records.

#### **Key areas of study:**

Adult Neurogenesis	Developmental	Involvement of glia in brain
Neuroinflammation	Cognitive	Neurotoxicology
Neurobiology		development, aging, injury and disease

#### **Available Facilities at the Centre:**

Leica Fluorescence Microscope DM 6000	Leica Stereozoom microscope	Leica Microtome
Leica Laborlux Fluorescence Microscope	Leica Cryostat CM 1900	Eppendorf Thermalcycler (PCR)
Leica Image Analysis System	Leica Automatic Vibratome	Laboratory microscopes
Eppendorf Minispin plus	Stoelting Motorized Nano-injector	Incubator cum Orbital Shaker
Heraeus Ultra Low Temp. Deep Freezer	Shimadzu UV-Vis Spectrophotometer	pH Meter
Olympus Drawing Microscope	Electrophoresis setup	Incubators
Laminar flow bench	Remi High speed Centrifuge	Laminar flow bench
Columbus Animal activity monitor	Olympus Research Microscope	Incubator-cum-orbital shaker Bio
Columbus Grip strength meter	Spectrophotometer	Safety Cabinet
Columbus Rota-rod treadmills	Tissue Homogenizer	Many other commonly used equipments
Columbus Analgesia tail flick instrument	Orbital Shaker	
Biopac Electrophysiological setup	INCO Stereotaxic Apparatus	
Lab Standard stereotaxic apparatus	Spencer Sliding Microtome	
Stoelting Any Maze Monitoring Software		

#### **Fees for the course : Open Seat**

Course	I Semester	II Semester	III Semester	IV Semester
M.Sc. Neuroscience	Rs. 25615.00	Rs. 21725.00	Rs. 23075.00	Rs. 21725.00

# INDIRA GANDHI ACADEMY OF ENVIRONMENTAL EDUCATION, RESEARCH AND ECOPLANNING

## Programmes Offered:

- M.Sc. Environmental Science
- M. Phil.
- Ph.D.

## Profile of the Department:

The department was established during the VII-Plan in 1988 by University Grants Commission. Modern civilization endowed with the power of Science and Technology has been responsible for local, regional and global changes in the biosphere, which in its own turn has altered the quality of human life. This has also resulted into ecological problems like population explosion, migration, rehabilitation, urbanization, industrialization, flood, desertification, land degradation, pollution, loss of biodiversity etc. These all have originated as a result of inadequate and faulty planning associated with irrational use of the natural resources, more so, the non-renewable resources. In a bid to achieve excellence in agricultural and industrial fields, earlier nation five year- Plans seem to have turned their back towards possible damages to the environment, so necessary for sustainable development. There is thus a growing need for such educational programmes which impart knowledge about the delicate interactions between various environmental factors to harness a sustainable symbiotic co-existence of Man with Nature. The curriculum of environmental science has, thus, been designed to incorporate and integrate the subject matters from a large number of disciplines. In its true sense the environmental science is not only multidisciplinary but has emerged out as an integrated subject. It embodies bulk of information pertaining to health education, medicine, life sciences, earth sciences, engineering, architecture, anthropology, history, culture, economics, ethics, psychology, etc.

## M.Sc. Environmental Science: (Two years / Four semester)

**Eligibility :** B.Sc. with 50% marks with Life Science subjects

**Available Seats :** Open = 30      Payment = 10      NRI = 06

**Mode of Selection :** On the basis of the Index based on the merit in qualifying examinations.

**Contact Person :** **Prof. R. J. Rao**, Director  
**Prof. Y.K. Jaiswal**, Dy. Director

<b>Visitinfg Faculty :</b>	Prof. P. Rajaram	Dr. S.N. Mohapatra	Prof. S. K. Shukla
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## Course Structure :

Semester- I	Semester- II	Semester- III	Semester- IV
Fundamental of Environment, Climate & Soil Science	Air, Noise Pollution & Control	Earth Processes, Hazards and Risk assesment	Global prospects towards environmental ethics & Sustainable development
Ecology, Biodiversity, Forestry, Wild life & their Conservation	Water, Thermal and Radioactive Pollution	Biotechnology , Toxicology & Environmental Mngt.	Statistics, Biometry and Research Methodology
Environmental economics, Natural resources	Hazardous waste treatment, Solid waste Mngt. and Occupational heal	Surveying , Photointerpretation and Remote Sensing	Practical-I / Case studies
Energy and Environment	EIA, EMS and EA	Environmental Administration, Law & Judicial Attitude.	Field work / Projectwork. Disertation
Practical – I	Practical - I	Practical - I	
Practical – II	Practical – II	Practical – II	

## **M.Phil.**

**Eligibility :** M.Sc. Environmental Science with 55% marks.

**Available Seats :** Open = 05      NRI = 02

**Mode of Selection :** On the basis of merit in test conducted by the university.

### **Fees for the course:**

<b>Course</b>	<b>I Semester</b>	<b>II Semester</b>	<b>III Semester</b>	<b>IV Semester</b>
<b>Open Seats -</b>				
M.Sc. Env. Sci.	Rs.16615.00	Rs. 12725.00	Rs. 14075.00	Rs. 12725.00
M.Phil.	Rs. 14420.00	Rs. 10525.00		

**Payment Seat:** M.Sc. - Rs. 7000/- per Semester additional to the fees for Open Seat

## Faculty of Commerce

- **School of Studies in Commerce**
  - M.Com
  - M.Phil.Commerce

## અભ્યાસ કરવાની પદ્ધતિ

### Programmes Offered:

- M.Com.
- M.Phil.
- Ph.D.

### Profile of the Course :

The main objectives of the course is to impart education in the field of commerce at the post graduate level besides promoting research programmes leading to doctorate and post doctorate degrees in various sectors of Commerce. The M. Com. Programme has been divided into SEVEN streams of specialization.

### Master of Commerce (M. Com.) : (Two year / Four semesters)

Eligibility : Commerce / Management Graduate with 50% marks  
 Available Seats : Open = 25      Payment = 05      NRI = 04  
 Mode of Selection : On the basis of the Index based on the merit in qualifying examinations.

Contact Person : Prof. Umesh Holani, Head & Dean

Faculty :	<b>Prof. Umesh Holani, Head</b>	Dr. K.S. Thakur, Reader	Dr. S. K. Singh, Reader
	Dr. Rajendra K. Khatik, Sr. Lecturer		

### Course Structure :

Semester- I		Semester- II	
MC-101	Management Principles & Practices	MC-201	Quantitative Techniques
MC-102	Business Environment	MC-202	Organizational Behaviour
MC-103	Advanced Accounting	MC-203	Managerial Economics
MC-104	Cost Analysis and Control	MC-204	Corporate Legal Framework

Semester- III		Semester- IV	
MC-301	Research Methodology	Optional –Specialization areas Out of seven specialization areas, Students are required to select any one (A) Marketing (B) Financial (C) Personnel (D) Accounting (E) Taxation (F) Banking and Insurance (G) Management of Services	
MC-302	Accounting for Managerial Decision		
MC-303	Management Audit		
MC-304	Income Tax Law and Practices		

MARKETING		FINANCE		PERSONNEL	
MC-401	Marketing Management	MC-406	Financial Management	MC-410	Human Resource Planning and Management
MC-402	Advertisement and	MC-407	Security Analysis	MC-411	Management of

	Sales Management		and Portfolio Management		Industrial Relations
MC-403	Rural & Agricultural Marketing	MC-408	Project Planning and Management	MC-412	Industrial Laws
MC-404	Consumer Behaviour	MC-409	Indian Financial System	MC-413	Social Security & Welfare

ACCOUNTING:		TAXATION		BANKING AND INSURANCE:		MANAGEMENT OF SERVICES	
MC-414	Accounting Theory	MC-418	Tax Planning and Management	MC-422	Banking Law and Practices	MC-426	Marketing of Services
MC-415	International Accounting	MC-419	Business Taxation	MC-423	Banking in India	MC-427	Project Planning and Management
MC-416	Institutional Accounting	MC-420	Indirect Taxes	MC-424	Insurance Management	MC-428	Management of Non- Profit Organizations
MC-417	Corporate Accounting	MC-421	Direct Tax in India	MC-425	Indian Financial System	MC-429	Indian Financial System
: Dissertation Viva-Voce is compulsory in IV Semester.							

#### **M.Phil. (One year / Two Semesters)**

Eligibility :	M. Com. with 55% marks
Available Seats :	Open = 10
Mode of Selection :	On the basis of merit in test conducted by the university.
Contact Person :	Prof. Umesh Holani, Head

#### **Fees for the course :**

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
M.Com.	Rs. 3615/-	Rs. 1725/-	Rs. 3075/-	Rs. 1725/-
M.Phil	Rs. 11420/-	Rs. 8525/-		

**Payment Seat :** M.Com. - Rs. 7000/- per Semester additional to the fees for Open Seat

## Faculty of Management

- **School of Studies in Management**
  - MBA (Full Time)
  - MBA (Part Time)
  - BBA
- **Centre for Hospital Administration**
  - MBA (Hospital Administration)
- **School of Studies in Tourism and Travel Management**
  - MBA (Tourism Administration)
  - Bachelor in Tourism Administration (BTM)
  - Bachelor of Hotel Management & Catering Technology (BHM&CT)



## SCHOOL OF STUDIES IN MANAGEMENT

### Programmes Offered:

- MBA (Full Time)
- MBA ( Part Time)
- BBA
- Ph.D.

### Master of Business Administration (Full-time): (Two years / Four Semesters)

#### Profile of the Course :



Changes taking place both internationally and nationally have given a totally new impetus to Indian business today. In changing scenario at global level, the business in India has also received new impetus. In general, the study of business management provides the necessary knowledge and the right mental aptitude to operate in such a scenario. Jiwaji University started MBA Programme in 1988. Since then the Institute has been providing trained and qualified executives to meet the needs of industry and business prosperity. This MBA Programme has already established sound reputation for its innovative teaching, contemporary research and enterprise in various functional areas of management.

The students undergo exhaustive training which includes analysis of case studies, seminars, group discussions etc. The school regularly invites reputed academicians from established management institutes, universities and senior practicing executives of leading business houses; so that the students could get wide exposure to the problems and their solutions in the field of management. Industrial visits and in-company trainings are also the part of the programme to enable the students to have a direct interaction with the functionaries of industries.

#### Eligibility :

Graduation/Post Graduation with 50% marks

#### Available Seats :

Open = 60

#### Mode of Selection :

Through MPMET conducted by D.T.E., Bhopal

#### contact Person :

**Dr. Yogesh Upadhyay**, Head  
**E-mail :** yogesh400@gmail.com

#### Faculty :

Dr. Yogesh Upadhyay	Dr. P.K. Sharma, Sr.Lecturer	
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#### Course Structure :

Semester- I		Semester- II	
MBA-101	Management Process	MBA-201	Organizational Behavior
MBA-102	Quantitative Techniques	MBA-202	Research Methodology
MBA-103	Managerial Economics	MBA-203	Marketing Management
MBA-104	Business Environment	MBA-204	Financial Management
MBA-105	Accounting for Managers	MBA-205	Human Resources Management
MBA-106	IT for Managers	MBA-206	Productions and Operations Management
MBA-107	Business Communications	MBA-207	Business Legislations
MBA-108	Comprehensive Viva-voce	MBA-208	Comprehensive Viva-voce
Semester- III		Semester- IV	

MBA-301	Management Science	MBA-401-	Strategic Management
MBA-302	Total Quality Management	MBA- 402-	Information Systems Management
MBA-303	International Environment and Management	MBA- 403-	Entrepreneurship And Small Business Management
<b>Optional –Specialization Areas</b> Students are required to select any One Specialization out of Three specialization areas: - (A) Marketing Management (MM) (B) Financial Management (FM) (C) Human Resource Management (HRM)		<b>Optional –Specialization Areas</b> Students are required to select any One Specialization out of Three specialization areas: - (A) Marketing Management (MM) (B) Financial Management (FM) (C) Human Resource Management (HRM)	

MARKETING MANAGEMENT		MARKETING MANAGEMENT (MM)	
MBA -MM-304	Consumer Behavior	MBA-MM-404	Retailing
MBA- MM-305	Advertising Management	MBA-MM-405	Services Marketing
MBA-MM -306	Strategic Marketing	MBA-MM-406	Rural and Agriculture Marketing
MBA- MM-307	Sales and Distribution Management	MBA-MM-407	Export, Import Policies, Procedures, and Documentation
FINANCIAL MANAGEMENT		FINANCIAL MANAGEMENT (FM)	
MBA- FM-304	Security Analysis and Portfolio Management	MBA-FM-404	Strategic Financial Management
MBA- FM-305	Indian Financial System	MBA-FM-405	Project Management
MBA- FM-306	International Financial Management	MBA-FM-406	Export, Import Policies, Procedures, and Documentation
MBA- FM-307	Insurance and Risk Management	MBA-FM-407	Strategic tax planning and management
HUMAN RESOURCE MANAGEMENT		HUMAN RESOURCE MANAGEMENT (HRM)	
MBA-HRM-304	Compensation Management	MBA-HRM-404	Strategic Human Resource Management
MBA- HRM-305	Industrial Relations	MBA- HRM-405	Human resource and Organizational Development
MBA- HRM-306	Legal framework Governing Human Relations(Part-I)	MBA- HRM-406	Legal Framework Governing Human Relations (Part-II)
MBA- HRM-307	HR Planning and Team Management	MBA- HRM-407	International HRM
MBA- 308	Summer Training Project Report	MBA- HRM-408	Comprehensive Viva –voce

## Master of Business Administration (Part-Time) : ( Three Years )

**Profile of the Course :** It is basically a management development programme. The curriculum is so framed that besides class room teaching, case studies and training also are essential part of the course.

The main objective of this programme is to impart managerial skills to employees who could not get opportunity for management education in the beginning of their career and were inducted in business undertakings at lower level. The programme assists them in not only improving their personality but also brighten their future career prospects. The scheme is designed obeying the principle of earn and learn simultaneously as the classes for this programme are held in evening hours.

**Eligibility :** Graduation/Post Graduation with minimum 50% marks

**Available Seats :** Open = 60

**Mode of Selection :** Through MPMET conducted by D.T.E., Bhopal

**Contact Person :** Dr. Yogesh Upadhyay, Associate Professor, Coordinator

### Course Structure :

Semester- I		Semester- II	
MPT-101	Management Concepts Processes	MPT-301	Production & Inventory Mngt
MPT-102	Business Communication Skills	MPT-302	Marketing Management
MPT-103	Management Accounting	MPT-303	Financial Management
MPT-104	Managerial Economics	MPT-304	Human Resource Management
Semester- III		Semester- IV	
MPT-201	Quantitative Techniques	MPT-401	Legal Environment of Business
MPT-202	Business Environment	MPT-402	Operations Research
MPT-203	Organizational Behaviour	MPT-403	Strategic Management
MPT-204	Computer Applications	MPT-404	Management Information System
MPT-205	Comprehensive Viva-Voce	MPT-405	Comprehensive Viva-Voce
Semester- V		Semester- VI	
(Select any two group out of four)		(Select any two group out of four)	
Group - I			
MARKETING MANAGEMENT		MARKETING MANAGEMENT	
MPT(MM) 501	Consumer Behaviour	MPT(MM) 601	International Marketing
MPT(MM) 502	Advertising Management	MPT(MM) 602	Strategic Marketing
Group - II			
FINANCIAL MANAGEMENT		FINANCIAL MANAGEMENT	
MPT(FM) 503	Security Analysis & Portfolio Management	MPT(FM) 603	International Financial Management
MPT(FM) 504	Project Management	MPT(FM) 604	Financial Services
Group - III			
HUMAN RESOURCE MANAGEMENT		HUMAN RESOURCE MANAGEMENT	
MPT(HRM) 505	Human Resource Development	MPT(HRM) 605	Industrial Relations
MPT(HRM) 506	Industrial Law	MPT(HRM) 606	Compensation Planning

### Group - IV

SYSTEMS MANAGEMENT		SYSTEMS MANAGEMENT	
MPT(SM) 507	Object Oriented Methodology	MPT(SM) 607	Software Project Management
MPT(SM) 508	Design Management and Implementation of Data Base	MPT(SM) 608	Networking & Communication Systems
MPT - 509	Training Report and Viva Voce	MPT – 609	Comprehensive Viva-Voce

(Compulsory for all)

### **Bachelor of Business Administration (BBA) : (Three year / Six semesters)**

**Profile of the Course :** This programme is basically for young ones who have just passed intermediate and want to have career in management field. This course provides the basic knowledge of management to students and generate managerial skills. The programme enable them in improving their personality and future career prospects in the field of management.

**Eligibility :** Intermediate (10+2) with 50% marks of any discipline from any recognized board.

**Available Seats :** Open = 40                  Payment = 20

**Mode of Selection :** Merit in entrance test conducted by Jiwaji University Gwalior

**Contact Person :** Dr. R. K. Khatik, Senior Lecturer, Co-ordinator

#### **Course Structure :**

Semester- I	Semester- II
Management Principles and Practices	Managerial Economics
Financial Accounting	Business Legislation for Management
Business Mathematics	Business Statistics
Business Organization	Cost Accounting
Business Communication	Computer Applications
Personality Development	Comprehensive Viva-Voce
Semester- III	Semester- IV
Business Environment	Entrepreneurship and Small Business Management
Company Law	Marketing Management
Quantitative Techniques	Financial Management
Higher Accounting	Human Resource Management
Organisational Behaviour	Income Tax Laws & Practices
Development of Management Thought	Research Methodology
Semester- V	Semester- VI
Management Information Systems	Business Policy
Banking Law and Practices	Operations Research
Insurance Management	Accounting for Managerial Decision
<b>Optional –Specialization areas: (any one)*</b> Marketing Finance Human Resource Management	<b>Optional –Specialization areas: (any one)**</b> Marketing Finance Human Resource Management

**\*Marketing :** Advertising and Sales Management, Marketing Research, Consumer Behaviour.

**Finance:** Management of Financial Institutions, Investment Management, Indian Financial System

**Human Resource Management:** Management Training and Development, Industrial Relations, Human Resource Planning and Development.

**\*\*Marketing:** Industrial Marketing, Rural and Agriculture Marketing, Services Marketing.

**Finance:** Financial Analysis and Decision Making, Business Taxation, Project Planning and

Management.

**Human Resource Management** : Social Security and Welfare, Organization Change and Development, Industrial Laws.

**Fees for the course :**

Course	I Semester	II Semester	III Semester	IV Semester	V Semester	VI Semester
<b>Open Seats -</b>						
BBA	Rs. 14365.00	Rs. 8525.00	Rs. 9875.00	Rs. 8525.00	Rs. 9875.00	Rs. 8525.00

**Payment seat:** BBA - Rs. 11000/- per year additional to the fees for Open Seat

## CENTRE FOR HOSPITAL ADMINISTRATION

### Programmes Offered:

- MBA (Hospital Administration) ( Two years / Four Semesters)

### MBA (Hospital Administration) (Two years / Four Semesters)

**Profile of the Course :** The program purports to develop well-trained hospital administration professionals capable of fulfilling the changing demands of the healthcare industry. The program curriculum combines the knowledge of healthcare with the modern management concepts incorporated by businesses across the world. The MBA (HA) program is therefore a powerful, comprehensive, knowledge based and a practical program that aims to deliver the best hospital administrators of tomorrow.

**Eligibility :** Graduate in Arts / Science / Commerce / Engineering/ Technology / Hospital Administration / Pharmacy / Dental / Medical / Business Administration or any other professional undergraduate or Post graduate degree with 50% aggregate marks from any recognized Indian / Equivalent Foreign University.

**Available Seats :** Open = 15      Payment = 15

**Mode of Selection :** Merit in entrance test conducted by Jiwaji University Gwalior

**Contact Person :** **Dr. K.S. Thakur, Associate Professor**  
**E-mail** ks.thakur@rediffmail.com

**Visiting Faculty :** Well qualified and experienced faculty will be engaged to take classes in the course.

**Course Structure :** Each semester will consist of eight papers. The first seven papers will be theory papers. The eighth paper will consist of project report on practical training up to III Semester. In the Fourth Semester, the candidate will have to take up a dissertation. The students will carry out a detailed study on any issue/functional area of an hospital.

The students are required to go for hospital training of One month duration in first, second and in third semester. After completion or in the beginning of the training each student will be required to pay Rs. 1000/- in each semester in the hospital where he/she carry out this training.

### Fees for the course:

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
MBA(HA)	Rs. 23,915	Rs. 20,525	Rs. 21,375	Rs. 20,525

**Payment Seat :** MBA(HA) - Rs. 20,000/- per semester additional to the fees for Open Seat

## SCHOOL OF STUDIES IN TOURISM AND TRAVEL MANAGEMENT

## Programme/s Offered:

- MBA (Tourism Administration)
- Bachelor of Tourism Management (UGC Innovative Programme)
- Bachelor of Hotel Management and Catering Technology (B.H.M.&C.T)

## Profile of the Course:

The School of Studies in Tourism and Travel Management Studies was established in 1991. This course is designed with the aim towards fulfilling the requirements for trained and qualified executives for global industry of tourism and taking care of its multifaceted management problems. The Institute has established a sound reputation for innovative teaching and research in many functional areas of Tourism Management, but there is constant endeavour to raise the academic standards of the Institute to new heights and levels of achievements.

The University Grant Commission, New Delhi has granted Bachelor of Tourism Management (BTM) course under its Innovative Programme–Teaching and Research in inter-disciplinary and emerging areas. A grant of Rs. 3.0 Million has been sanctioned for this course to this university.

### 1. M.B.A. (Tourism Administration): (Two years / Four semesters)

**Eligibility :** Graduation with 50% marks.

**Available Seats :** Open = 20, Payment = 20, NRI = 06

**Mode of Selection :** Merit in entrance test conducted by Jiwaji University Gwalior

**Contact Person :** Prof. A.K. Singh, Coordinator

#### Course Structure :

I - Semester	II - Semester	III - Semester	IV - Semester
Conceptual Framework of Domestic & International Tourism	Indian Society and Culture A Tourism Perspectives	Management of Human Resources	Adventure Tourism Operations
Developing Tourism Products	Marketing Management-I		Business Policy
Managerial Process and Organisational Behavior		Tourism Policy and Planning	Tourism impacts
Eco-Tourism: Trends & Prospects	Foreign Language (French)	Madhya Pradesh Tourism	<b>Elective-I</b> 1. Conference and Convention Management. 2. Tourist and Visitor Interpretations.
Financial Management	Travel Agency & Tour Operations	Foreign Language (French)	<b>Elective-II</b> 1. Attraction Management. 2. Basic Cargo Rating & Documentation
Computer Application	Computing & Information System in Tourism	Viva-Voce on Industrial Training, Tour Report and Presentation	<b>Elective-III</b> 1. Accommodation Management & Resorts 2. Transportation Management

Communication Skills & Public Relations (Non-credit paper, but passing marks are compulsory)	Business Research and Quantitative Techniques	Tourism marketing and Consumer behavior-II	Comprehensive Viva-Voce, Field Study Tour Report Report Presentation
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## 2. BACHELOR OF TOURISM MANAGEMENT : (Three years / Six semesters)

Besides MBA (TA), the School of Studies in Tourism & Travel Management also started BTM course in 2004 with the help of University Grant Commission, New Delhi. The University Grant Commission, New Delhi has granted Bachelor of Tourism Management (BTM) course under its Innovative Programme-Teaching and Research in inter-disciplinary and emerging areas. A grant of Rs. 3.0 Million has been sanctioned for this course to the university from 1.4.2004 to 31.3.2009.

<b>Eligibility :</b>	Intermediate / Higher Secondary (10+2) with 50% marks.
<b>Available Seats :</b>	Open = 20, Payment = 05, NRI = 03
<b>Mode of Selection :</b>	Merit in entrance test conducted by Jiwaji University, Gwalior.
<b>Contact Person :</b>	<b>Prof. A.K. Singh, Coordinator</b>

### Course Structure :

I – Semester	II – Semester	III – Semester
Tourism Concepts & Impact	Policy & Planning For Tourism Development	Tourism Marketing
Travel Agency & Tour Operation	Business Environment	Legal Environment of Tourism Business
Management Concepts	Transport In Travel & Tourism	Mathematics & Statistics for Management
Tourism Products Of India	Business Economics	Guides & Escorts
Business Communication	Geography for Tourism	Entrepreneurship Development
Basic Accounting	English	Foreign Language (French)

IV – Semester	V – Semester	VI – Semester
HRD & Planning in Tourism	Air Transport management	Meeting Incentives & Conference Management (MICE)
Organizational Behavior	International Tourism Management & Frontier Formalities	Air Cargo
Computer Applications in Tourism Industry–I	Computer Applications in Tourism Industry–II	Tour Package Destination & Itinerary Costing
Foreign Language (French)	Indian Society & culture	Destination Studies
Sales & Advertising Management in Tourism	Environment and Tourism	Adventure Tourism
Geography and History	Madhya Pradesh Tourism	Project & Viva-Voce

Note: **1.** For both the courses 45 days Summer Training in any Travel Agency is compulsory after Second semester examination. **2.** Tour is compulsory during Second and Fourth semester MBA(TA) students and for BTM students during Second, Fourth and Sixth semester.

## 3. BACHELOR OF HOTEL MANAGEMENT & CATERING TECHNOLOGY (BHM & CT): (Three years / Six Semesters)



subject to the approval from the coordination Committee. Profile of the Course: In addition to tourism programme ,department has also taken initiative to start a new course Bachelor of Hotel Management and Catering Technology (B.H.M & C.T.) for the developmentand requirement of the region. In this course the student shall be catered from all over the Country, specilly from central India. This course is purely job oriented and shall produce skillful trend professionals in the field of Hospitality sector.

**Eligibility :** Intermediate / Higher Secondry (10+2) with 50% marks.  
**Available Seats :** Open = 40, Payment = 20, NRI = 10  
**Mode of Selection :** Merit in entrance test conducted by Jiwaji University, Gwalior.  
**Prof. R.A. Sharma, Co-ordinator**  
**Contact Person :** Phone: 0751-2442749, 2230146,2442748  
 Fax: 0751-2442682

**Course Structure :**

<b>I – Semester</b>	<b>II – Semester</b>	<b>III – Semester</b>
Foundation Course in Food Production –I	Foundation Course in Food Production –II	Food Production –III
Foundation Course in F & B Service-I	Foundation Course in F & B Service –II	F & B Service –III
Foundation Course in Front Office-I	Foundation Course in Front Office – II	Front Office – III
Foundation Course in in House Keeping-I	Foundation Course in House Keeping – II	House Keeping – III
Business Communication	Nutrition, Food Science, Hygiene & Sanitation	Hospitality Marketing
Computer Application	Tourism concept and Linkage	Organisational Behaviour

<b>IV – Semester</b>	<b>V – Semester</b>	<b>VI – Semester</b>
Food & Beverage Production	Food Production – IV ( Advanced)	Introduction to Management
Food & Beverage Services	F & B Services & Control – IV (Advance)	Financial Management
House Keeping Operation	Front Office – IV ( Advance)	Human Resourse Management
Front Office Operation	Housekeeping – IV (Advance)	Entrepreneurship in Tourism & Hospitality
Log Book & Training Report	Foreign Language ( French)	Foreign Language (French)
	Facility Planning	Hotel Laws

Note: Student will go on job training for six month in any Hotel during fourth semester.

**Fees for the Courses:**

<b>Course</b>	<b>I Semester</b>	<b>II Semester</b>	<b>III semester</b>	<b>IV Semester</b>
MBA(Tourism)	Rs.16315	Rs.11425	Rs.12775	Rs.11425

*Payment Seat: MBA(TA) Rs. 11000/- per Semester additional to the fees for Open Seat Tour and field trip fees Rs. 2000.00 will be charged additionally in I- and III – semester*

<b>Course</b>	<b>I Semester</b>	<b>II Semester</b>	<b>III semester</b>	<b>IV Semester</b>	<b>V Semester</b>	<b>VI Semester</b>
B.T.M.	Rs.13415	Rs.8525	Rs.11875	Rs.9525	Rs.12875	Rs.8825
B.H.M.C.T.	Rs.37315	Rs.30925	Rs.32275	Rs.30925	Rs.32275	Rs.30925

**Payment Seat:** BTM and B.H.M.&C.T, Rs. 11000/- Per Year additional to the fees for Open Seat

## Faculty of Engineering

- **School of Studies in Engineering and Technology**
  - B.E. – Chemical Engineering
  - B.E. – Electronics

## **SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY**

### **Programmes Offered:**

1. **B.E. Electronics (Four years / Eight semester)**
2. **B.E. Chemical (Four years / Eight semester)**
3. **B.E. Electronics and Telecommunication (Four years / Eight Semester)**
4. **B.E. Computer Science (Four years / Eight semester)**

### **Profile of the Institute:**

The institute of engineering was established by Jiwaji University, Gwalior in 2000. It has completed ten years of academic excellence. At present the institute is running B.E. courses in Electronics and Chemical. From this academic session the institute is planning to start two new branches viz. B.E. Electronics & Telecommunication and B.E. Computer Science.

### **Profile of the course:**

The main objective of the course is to impart education in the field of Electronics Engineering and Chemical Engineering leading to the degree of Bachelor of Engineering. It also generates and channelises potential manpower for industries by providing job opportunities for young and aspiring students of this region.

**Eligibility** : Higher Secondary (10+2) / Intermediate with Physics, Chemistry & Mathematics.

**Available seats** : Electronics = 60                      Chemical Engineering = 40

**Mode of admission:** Through MPDTE Bhopal (PET/AIEEE).

**Contact Person** Prof.D.N. Goswami, Director

Dr. D.C. Gupta, Associate Professor, Dy. Director

### **Course Structure:**

There are five theory papers and four practicals in each semester. In the final semester a project report has to be submitted on various topics of industrial interest.

## Faculty of Law

- **School of Studies in Law**

B.A.LL.B. (Five year integrated Course)

LL.M.

## SCHOOL OF STUDIES IN LAW

### Programmes Offered:

- B.A.LL.B. (Five year Integrated course)
- LL.M.

### Profile of the Department:

The Institute of Law was established in August 1999 on the recommendation of the Bar Council of India, New Delhi. Since its inception, B.A.LL.B. (Five year integrated course.) was started in this institute with a motto to provide an opportunity to the students who want to make their Career in Law. Right from the beginning, it was the main goal of the institute to produce well qualified Lawyers and Judges with well equipped proficiency and integrity towards their profession. In a journey of about 12 years, the institute has succeeded in its goal. Moreover, the institute has also been successful in starting the post graduate programme of Law i.e LL.M. The passed out students are successfully rendering their services at various places and in various capacities in the country and abroad.

Besides the academic knowledge the students are given practical training of Law. What is Law? How to study Law? What are the Concepts and Principles of basic Laws? What are the Provision of General Laws? How to find the reason for Law? How to master the facts of a case? How to present a case to the court?

The main emphasis of the institute is to teach the students not only with traditional approach of Law but to master them also with functional and practical aspect of Law with the current precedents / Case Laws of the Hon`ble Apex Court of India and the Hon`ble High Courts.

If a student happens to be a Judge, then how to prepare oneself before the hearing of a case? How to control the proceedings in the court? What is the art of refusing adjournments, so that the justice may be speeded. The students also learn how to have mastery over facts. Wisdom is the application of Laws. After analytical weighing the arguments of both sides, how to give relief to each party and how to prepare a judgement? All these, the students learn and practice in the institute. The institute arranges the best possible teaching faculty to achieve the above mentioned goals

From this academic session, the institute has shifted in its own huge separate four storied building. The building is situated well within the Jiwaji University Campus and is near to Hon`ble High Court. The building has been constructed as per the guidelines of Bar Council of India. It has all facilities needed as per the norms of Bar Council Of India. Good library, Moot Court Room, Judge`s Chamber, Seminar hall, Conference Room, Legal aid Cell, Computer Laboratory, Internet facility accessible to the students, Xeroxing facility are exist in the institute.

The excellence of the project is sure to be proved and attained by the qualified and efficient teachers and other allied staff with the regular exercises of Moot Court competitions, Para legal clinics and legal aid programmes under the able guidance and surveillance of Hon`ble High Court and distinct court legal aid committees.

### B.A.LL.B.: (Five years / Ten semester)

**Eligibility :** Higher Secondary (10 + 2) / Intermediate or equivalent with 40% marks.

**Available Seats :** 60 NRI = 10

**Mode of Selection :** Merit in entrance test conducted by Jiwaji University Gwalior

**Contact Person :**

**Dr. Sanjay Kulshreshta**, Professor & Head, 2442887

**Faculty :**

Dr. Ganesh Dubey	Associate Professor		
Dr. G. K. Sharma	Assistant Professor		
Dr. J. K. Tiwari	Assistant Professor		
Dr. Ram Shankar	Assistant Professor		

**Course Structure :**

Semester- I	Semester- II	Semester- III	Semester- IV	Semester- V
General English	English General	Political Science-III(Major)	Political Science-IV(Major)	Political Science-V (Major)
Political Science -I ( Major)	Political Science-II(Major)	History-III (Minor)	Economics-III(Minor)	
History _ I (Minor)	History-II (Minor)	Hindi Or French Language -I	Hindi Or French Language -II	Environmental Law
Economics _I (Minor)	Economics-II(Minor)	Company Law	Constitutional Law- II	Labour & Industrial Law-I
Law of Torts	Special Contract	Jurisprudence (Legal Method, Indian Lagal System & Basic Theory)	Administrative Law	Law of Crimes-I (Indian Panel Code)
Law of Contract	Constitutional Law- I	Family Law I(Hindu Law)	Family Law-II (Muslim Law)	Fundamental of Computers
Semester- VI	Semester- VII	Semester- VIII	Semester- IX	Semester- X
International Relation & Organisation (Major)	Property Law	Law of Evidence	Principles of Taxation	Public International Law & HR
Legal Language & Legal Writing	I & R	Equity & Trust	Land Laws including Tenure and Tenancy System	Right to Information
Civil Prodedure Code & Limitation Act	Drafting Pleading & Conveyancing (Clinical Course)	Professional Ethics, Accountability for Lawyers & Bar Bench Relation(Clinical Course)	Alternative Dispute Resolution(Clinical Course)	Moot Court ( Clinical Course)
Practical Training of Computer Application	Indian legal and Constitutional History <b>OR</b>	Interpretation Statistics	Direct Taxation <b>OR</b> Probation & Parole / Maritime Law Woman & Criminal Law	Humanitarian Refugee Law
Law of Crimes II (Criminal Procedure Code)	Banking Law	Gender justice	Offence Against Child & Juvenile	International Environmental Law
Interpretation of Statues				

## LL.M.: (Two years / Four semester)

<b>Eligibility :</b>	Law graduate with 55% marks.		
<b>Available Seats :</b>	Open = 20	Payment = 10	NRI = 2
<b>Mode of Selection :</b>	Merit in index based on qualifying examination.		

Course Structure :

Semester- I		Semester- II	
Compulsory	Optional	Compulsory	Optional
Law & Social Transformation in India	<b>Criminal law group:</b> Drug ediction, Criminal Justice and Human Right	Judicial Process and Legal Theories	<b>Criminal law group:</b> Comparative Criminal Procedure
Indian Constitutional Law : New Challenges	<b>Human Rights group:</b> <b>01.</b> Concept & Development of Human Right <b>02.</b> Practical & Viva-Voce	Legal Education & Research Methodology	<b>Human Rights group:</b> <b>01.</b> Human Right and International order <b>02.</b> Practical & Viva-Voce

  

Semester- III		Semester- IV	
Criminal Law Group:		Criminal Law Group:	
Criminology and privileged class deviance		Penology: Treatment of Offenders	
Juvenile Delinquency		Dessertation	
Principles of Criminal law and Specific Crimes		Project work And Viva- Voce	
Project work And Viva- Voce			

  

Human Right Law Group:		Human Right Law Group:	
Protection and enforcement of Human right in India		Science Technology and Human right	
Human right of Disadvantaged Group: Problems and Issues in the protection and enforcement.		Dissertation	
International Humaniterian Law and Refugee Law		Project work And Vova- Voce	
Project work And Viva- Voce			

### Fees for the course:

Course	I Semester	II Semester	III Semester	IV Semester	V Semester
<b>Open Seats -</b>					
B.A.LL.B	Rs. 16415.00	Rs. 12525.00	Rs. 14875.00	Rs. 12525.00	Rs. 13875.00
Course	VI Semester	VII Semester	VIII Semester	IX Semester	X Semester
<b>Open Seats -</b>					
B.A.LL.B	Rs. 12525.00	Rs. 13875.00	Rs. 12525.00	Rs. 13875.00	Rs. 12525.00
Course	I Semester	II Semester	III Semester	IV Semester	V Semester
<b>Open Seats -</b>					
LL.M	Rs. 20415.00	Rs. 16525.00	Rs. 20375.00	Rs. 16525.00	

**Payment seat:** LL.M - Rs. 9000/- per semester additional to the fees for Open Seat

## Faculty of Technology

- **School of Studies in Pharmaceutical Science**  
Bachelor of Pharmacy (B.Pharma)
- **School of Studies in Biomedical Technology**  
M.Sc. Biomedical Technology
- **School of Studies in Biotechnology**  
M.Sc. Biotechnology
- **Centre for Studies in Food Technology**  
M.Sc. in Food Technology



# SCHOOL OF STUDIES IN PHARMACEUTICAL SCIENCES

## Programmes Offered:

- B. Pharma
- M. Pharma\*

## B. Pharma: (Four years)

The academic programme for the degree of Bachelor of Pharmacy (B.Pharmacy) shall be of four years. The examination will be held on annual pattern.

**Eligibility :** Higher Secondary (10+2) with 50% marks with General English, Physics, Chemistry and Biology / Mathematics

**Available Seats :** Open = 60

**Mode of Selection :** Admission to this course will be made through the combined entrance test MP-PEPT, conducted by DTE, Bhopal .

**Information Regarding Entrance Test :** Candidates are advised to see the advertisement of DTE, Bhopal for MP- PEPT Local Papers / Rojgar Nirman / Employment News. For more detailed information, they may also contact to the Director, School of Studies in Pharmaceutical Sciences, Jiwaji University, Gwalior

**Practical Summer/Industrial Training :** Every student after passing 3rd year of B. Pharmacy shall undergo practical training in Pharmaceutical Company for a minimum period of six weeks. All the expenses of this training shall be borne by the candidate.

**contact Person :** **Prof. Y.K. Jaiswal**, Director

**Contract Faculty :**

Mrs.SunishaKulkarni,I/C Head	Dr. Fakhruddin Ahmed	Mr. Shyam Bihari Sharma
Mr. Rupendra K. Goyal	Mr. Sweemit Kumar Jiwane	Ms. Lalita Sharma
Mr. Kaushal Prasad Mishra	Mr.Chandra Prakash Jatav	Mr. Bhagat Singh Jaiswal

## Course Structure :

Year- I	Year- II
Pharmaceutics - I (General & Dispensing)	Pharmaceutics – II ( Pharmaceutical Engg.)
Pharmaceutical Chemistry - I (Organic)	Pharmaceutical Chemistry – III (Organic)
Pharmaceutical Chemistry- II (Inorganic)	PharmaceuticalChemistry – IV (Analysis)
Pharmacology - I (Physiology & Anatomy)	Pharmaceutical Biochemistry
Pharmacognosy and Phytochemistry - I	Pharmacognosy and Phytochemistry- II
Mathematics, Statistics, & Computer application	Pharmaceutical Jurisprudence
Practicals	Practicals
Year- III	Year- IV
Pharmaceutics – III ( Physical Pharmacy)	Pharmaceutics – IV (Dosage form Technology)
Pharmaceutical Chemistry- V	Pharmaceutical Chemistry- VII ( Medicinal)
Pharmaceutical Chemistry-VI ( Analysis)	Pharmaceutical Chemistry- VIII ( Medicinal)
Pharmacology – III	Pharmacology -IV
Pharmaceutical Microbiology & Biotechnology	Pharmacognocny & Phytochemistry -III

Biopharmaceutics	Pharmaceutical Management& Hospital Pharmacy
Practicals	Practicals

**M. Pharma: (Two years) \***

**Available seats :** 15

**- This course is at present under consideration for recognition by appropriate authorities.**

## SCHOOL OF STUDIES IN BIOMEDICAL TECHNOLOGY

### Programme/s Offered:

- **M.Sc. Biomedical Technology (Approved and supported by UGC)**

Profile of the Course: Biomedical Technology has emerged as a new specialized branch of biotechnology which has wide scope in hospitals and medical institutions in addition to its scope in research, teaching and industries. Since last few years most advanced studies have been conducted in the field of Biomedical Technology. With the impute of sophisticated biomedical instruments like CT Scan, Ultrasound, MRI, PCR, Cryopreservation, NMR, Autoanalysers, DNA finger printing and CADD in hospitals and research institutions, the entire scenario of education and research has changed. Demand of skilled personnel in these areas is increasing tremendously. Number of leading pharmaceutical industries like Smithkline, Beechem, Merck, Glaxo, Johnson & Johnson are looking after experts in Biomedical Technology. Keeping in view to produce excellent Biomedical Technologists and to create teaching and research opportunities "M.Sc. in Biomedical Technology" is an effort in this direction.

The School is well equipped with all basic infrastructure facilities. For practical training the institute has collaboration with local hospitals and research institutions. Under the "Health Check-up Schemes" camps are organized in the rural areas and the students participate actively in these camps. All efforts are being made to produce trained, skilled and dedicated manpower who may contribute their services for better medical assistance.

**Scope and job opportunies:** The trained students may be absorbed in hospitals, research institutes, pharmaceutical industries, tissue culture laboratories, academic institutions, manufacturing of biomedical goods etc.

### M.Sc.: (Two years / Four Semesters)

<b>Eligibility :</b>	B.Sc. with 50% marks with Biochemistry / Biology / Biotechnology / Botany / Environmental Sciences / Microbiology / Zoology / Chemistry / Agriculture / Medicine.		
<b>Available Seats :</b>	Open =15	Payment =5	NRI = 01
<b>Mode of Selection :</b>	Merit in the entrance test conducted by Jiwaji University, Gwalior.		
<b>Contact Person :</b>	<b>Prof. Nalini Srivastava</b> , Coordinator		
<b>Faculty :</b>	The teaching shall be interdisciplinary with the other School of Studies of the University.		

### Course Structure :

SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
Human Anatomy & Physiology	Medical Microbiology	Pharmacology & Pharmacokinetics	Total Quality Management and IPR
Haematology & Pathophysiology	Biomedical Analysis	Biomedical Instrumentation II	Industrial Training, Report and Project Viva
Biochemistry & Molecular Biology	Biomedical Instrumentation I	Tissue Culture Technology	a) Bioanalytical Instrumentation III or
Immunology	Bioanalytical Instrumentation I	Bioanalytical Instrumentation II	b) Advanced Diagnostics Techniques
Lab Work I	Lab Work II	Lab Work I	
Lab Work I	Lab Work II	Lab Work II	

		OR (inplace of Lab Works) Management Concept, Sales & Distribution Management	
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**Training:** This course requires a training of about 3-4 months in medical and / or research institutions for the fulfillment of the course requirements.

**Placement:** Students of this course are working in following organization.

Spectral Diagnostics	J. Mitra	Ozone Biomed
Nicholas-Piramal	IARI, Pusa, Delhi	Glaxo – Smithline
TIRF, Mumbai	J.N.U. New Delhi	BARC, Mumbai
Dr. LAL Path Lab. N.Delhi	INMAS, Delhi	National Jalma Institute
Leprocy & Other	Mycobacterium Diseases, Agra	

#### **Fees for the Courses:**

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
M.Sc. Biomedical Technology	Rs. 25615.00	Rs. 21725.00	Rs. 23075.00	Rs. 21725.00

**Payment Seat:** M.Sc. - Rs. 16000/- per Semester additional to the fees for Open Seat.

## **SCHOOL OF STUDIES IN BIOTECHNOLOGY**

### **Programmes offered**

1. M.Sc Biotechnology
2. Ph.D Biotechnology

The M.Sc course in Biotechnology was started in SOS Biochemistry, Jiwaji University from the academic year 1996 with a seed money of Rs. 33 lakhs from University Grants Commission, New Delhi under emerging areas. The M.Sc Biotechnology course is made regular course of the University from the academic year 1997-98 onwards (vide notification no. F/Dev/97/2405 dated the 15<sup>th</sup> May, 1997) and thereafter, the programme is given the status of School in 2006. The School offers Master's course in Biotechnology and Doctoral programs. So far thirteen batches of M.Sc Biotechnology students are out since the inception of the course from 1996. The postgraduate curriculum is updated from time to time to infuse the latest developments into the curriculum. Efforts are underway to develop industry oriented curriculum. The teaching program is strengthened by invited lectures from senior teachers and scientists from other Universities and National laboratories such as DRDE, Gwalior. On an average 10-15% students from every batch qualified NET/SLET/GATE examinations. Several students opted for academics are currently engaged in Postdoctoral research in reputed Universities of USA, Germany, France and UK. Many students joined as faculty scientists in National laboratories.

The research areas of focus in the School include Pharmaceutical biotechnology, Nutraceuticals, Immunodiagnostics, Plant tissue culture and Plant Biotechnology. The research projects funded by various funding agencies such as University Grants Commission, Madhya Pradesh Council of Science and Technology, Madhya Pradesh Council of Biotechnology, Defence Research and Development Establishment are in operation in the School. The school attempts to facilitate development of MOU with national labs and multinational companies for training and placement of students.

### **Major equipment available for Biotechnology program**

- |   |                             |
|---|-----------------------------|
| 1. Uv-Vis Spectrophotometer-2               | 8. CO2 incubator            |
| 2. Refrigerated Centrifuges-2               | 9. Gel documentation system |
| 3. Low pressure Protein purification system | 10. PCR Thermocycler        |
| 4. Photo Bioreactor                         | 11. -85 °C Freezer          |
| 5. HPLC                                     | 12. Walk- In- cold room     |
| 6. Gas chromatograph                        | 13. Electrophoretic systems |
| 7. Inverted Microscope                      | 14. Ice -flaker             |

**Eligibility:** Graduation with 50% marks with Biochemistry/ Biology/ Biotechnology/ Botany/ Environmental Sciences/ Microbiology/ Zoology/ Pharmacy/ Medicine/ Instrumentation with **Chemistry as one of the compulsory subjects.**

**Available seats** Open = 25 Payment: 15 NRI: 06

**Mode of selection** Merit in Common Admission Test conducted by Jiwaji University

**Faculty** **Prof. Nalini Srivastava, Coordinator**  
Dr. Sameer S. Bhagyawant, Sr. lecturer

### Course Structure & Curriculum

Semester I	Semester II	Semester III	Semester IV
Cell Biology	Molecular Biology	Genetic engineering	Emerging trends in Biotechnology
Biomolecules & Metabolism	Immunotechnology	Plant Biotechnology	Entrepreneurship in Biotechnology & IPR <b>OR</b> Bioinformatics <b>OR</b> Management & Marketing of Biotech. products
Microbiology	Enzyme technology	Bioprocess engineering & Microbial technology	Lab.course/Technical writing / Review writing
Bioinstrumentation	A. Environmental Biotechnology B. Animal Biotechnology	Biostatistics & Computer applications	Project work
Lab. Course 1	Lab. Course 1II	Lab. Course V	
Lab. Course 2	Lab. Course 1V	Lab. Course VI	

### Course Fee:

Course	I Semester	II Semester	III Semester	IV Semester
A. Open Seats	Rs. 25615.00	Rs. 21725.00	Rs. 23075.00	Rs. 21725.00
B. Payment seats - Rs. 21000/- per semester additional to the fee for open seat				

## CENTRE FOR FOOD TECHNOLOGY

### Programmes Offered:

- M.Sc. Food Technology
- Ph.D.

### Profile of the Course:

Food Processing Industries are presently being given preference all over. Ministry of Food Processing Industries, National Horticulture Board, State Industries Development Corporation are focusing on food industry. The growth is so rapid that there is an urgent requirement of a technology which makes the growth and development sustainable. It is only Food Technology which can reduce the gap between harvested food and available food by changing the mode of finished product, i.e., processing, packaging and storage conditions, etc. The focus is on healthy food, diets, calories, nutrition status, etc. Very recently the country has entered the era of Food safety and a food safety authority of India has also been created. Keeping this in view, this centre was established and in a very short time the centre has grown a lot. The department has a GC, HPLC, food testing kit and a other important equipments. The students are presently undertaking their project training in prestigious food industries and associated labs like-Varun Beverages, Coke Bareilly, Britannia, Badri Vishal Agro,DFRL Mysore, Zimdari food Bhutan, Haldiram, Godrej – Hersheys, Peasl Foods, Top & Town ice-cream, UB Group. Students have been successfully placed in Reputed Industries and organizations like DS Foods, Allansons, , ITC-Sunfeast, Britannia, Chokse Labs, Skol Breweries, Raja Biscuit, Pearl Products (Pepsi), Ravi Foods, Ruchi Breweries, Sunstar Overseas Limited CFTRI, , FRAC Davar's Paam Estables, Claris Life Sciences, Wochart, Devson Impex, Pvt. Ltd. Speed Ways Food and Beverages, Parle, Coke, Cadbury-kraft, Calpro foods, Vadilal , Mann food Pvt. Ltd. etc.

### M.Sc. Food Technology: (Two years / Four semesters)

**Eligibility :** Graduation with 50% marks with Chemistry / Biochemistry / Botany / Zoology / Microbiology / Biotechnology / Home Science / Agriculture / Food Science and Nutrition / Food Technology.

**Available Seats :** Open = 30    Payment = 15    Sponsored = 05    NRI = 03

**Mode of Selection :** On the basis of the merit in entrance test conducted by the university

**Contact Person :** **Prof. R.M. Agarwal** Co-ordinator  
**E-mail :** cftjug@gmail.com

### Course Structure :

Semester- I	Semester- II	Semester- III	Semester- IV
Principle of Food Processing	Post Harvest Technology of Fruits & Vegetables	Processing of Cereals, Pulses Oil Seeds & Sugar crops	Advances in food Technology
Food Chemistry	Food Microbiology	Processing of Milk & Milk Products	Food Packaging

Introductory Biochemistry & Nutrition	Analytical Techniques & quality control	Processing of Meat, Fish & Poultry Products	Lab course
Research Documentation : Methodology, statistics & Computer Application	Food Engineering	Entrepreneurships in Food Processing, Food Standard & Food laws	Project evaluation & presentation
Lab course	Lab course	Lab course	
Lab course      Seminar	Lab course      Seminar	Lab course      Seminar	

#### **Fees for the course:**

Course	I Semester	II Semester	III Semester	IV Semester
<b>Open Seats -</b>				
M.Sc. Food Technology	Rs. 25615.00	Rs. 21725.00	Rs. 23075.00	Rs. 21725.00

**Payment Seat:** M.Sc. - Rs. 16000/- additional to the fees for Open Seat

**Note:** If no sponsored candidates are available, the seats will be transferred to payment seat category. The fee structure for sponsored candidates will remain same as for payment seat. However, they are required to pay one time sponsorship fees of Rs. 25000/- extra at the time of admission. Sponsored candidates are required to fulfill minimum eligibility criterion (50%at graduation) and will have to furnish a sponsorship certificate from the present employer. He/she will also have to take leave during the course period. He/she is not required to appear in Entrance test.



## Faculty of Physical Education

- **School of Studies in Physical Education**  
Bachelor of Physical Education (B.P.Ed.)  
Master of Physical Education (M.P.Ed.)
- **Centre for Yogic Sciences**  
P.G. Diploma in Yoga Therapy

# SCHOOL OF STUDIES IN PHYSICAL EDUCATION

## Course Offered:

1. B.P.Ed. (One year)
2. M.P.Ed. (Two years)
3. Ph.D.

## Profile of the department:

The department of Physical Education was established in 1972. The department has been functioning as the Prime Nucleus for the organisation of sports activities in various sports disciplines at college, university and National level. The department has already made a significant land mark in this direction. It has now taken an academic status and caters to the needs of the public in general and standard of Physical Education in the university in specific. This has given the necessary impetus for development of sports culture in and around Gwalior.

The Department has established itself as a leading sports centre in Gwalior-Chambal region and is presently catering to the sports need of Children, Youths and old People by organising scientific coaching camps in different games and sports. The sports complex of university is being named as **Mahadji Scindia Sports Complex**. The University has got two floodlight basketball courts with portable uprights, three floodlight tennis courts, four volleyball courts (caged) one hockey ground, one grassy football ground, standard cricket ground with turf wicket, one Kho-Kho, two Kabaddi, one Handball, one Indoor hall for Table Tennis, Judo, Aerobics, Badminton, Wrestling, Weight-Lifting and a 400M grassy track. The NAAC committee has also appreciated the facilities developed by the department at the sports complex and found them of international standard. The X-Plan UGC committee was highly impressed with the activities of the school of studies in Physical Education and had sanctioned Rs. 20,50,000/- for updating modern facilities. The Mahadji Scindia Sports Complex is bubbling with one or the other sport activity round the year and is equipped with modern indoor shooting range for air pistol and air rifle competitions. The facilities available in the sports complex are also being used by government as well as non-government organizations for conducting their sports programme.

## Objectives of the School:

1. To prepare best qualitative and professional leaders in the field of Physical Education, Sports, Aerobics and Fitness.
2. To serve as a centre of excellence for Applied Research in Physical Education and Sports to undertake, promote and disseminate research in this field.
3. To provide professional and academic leadership to other institutions in the field of Physical Education and Sports.
4. To provide Educational and vocational guidance in the field of Physical Education and Sports to Indian Youths.
5. To promote mass participation in Physical Education and Sports among School children.
6. To develop and promote programmes of Physical Education, Sports and Aerobics in Schools, Colleges and Universities of India.
7. To impart high quality of Aerobic Education to Indian Youths to disseminate knowledge of health and fitness and concepts of Fit People, Fit Nation.
8. To undertake research projects of National importance to improve the Standard of sports performance of Indian Sports persons.

## Scope of the Courses:

The passed out students of the above courses are eligible for the appointment as Sports officers, Assistant Director, Deputy Director, Director of Physical Education, Supervisors, and Fitness Consultants in School, Colleges Universities, Industrial establishments, Commercial firms, Government and non-government agencies which are

engaged in promoting physical education and sports. They are also eligible for the commissioned in Army, Navy, Airforce and Paramilitary forces.

**Faculty Members:**

**Dr. Rajender Singh**  
**Director Physical Education**

**Dr. Keshav Singh Gurjar, Dy.**  
**Director Physical Education &**  
**Head**

**B.P.Ed.:** (One year /Two Semester)

**Available seats :** B.P.Ed. Open = 45

Payment = 05

**Contact person :** Dr. Keshav Singh Gurjar, *Head*

**Visiting Faculty :** University engages the qualified faculty on per lecturer basis. The sport officers employed in different affiliated colleges to the university may also be called to engage classes and to provide the sport training to the students.

**Eligibility :**

1. Graduation from any University recognised by Jiwaji University, Gwalior.
2. Graduation with 40% marks. **Weightage of 5%** shall be given to those applicants who have represented India at International level competitions duly recognised by Indian Olympic Association (I.O.A.).
3. Applicant must qualify the Medical test conducted by this University at the time of admission.
4. The age of Candidates should not be more than **Twenty Five** years on **1<sup>st</sup> July, 2012**. In case of inservice candidates, the age limit shall be relaxable upto 40 years. Inservice candidates have to obtain necessary permission and NOC and one year leave from the parent Department. These certificates are to be submitted before the Entrance Test.
5. Married women are also eligible for admission to both courses, but if she reaches to the stage of pregnancy during the course, she will have to discontinue her studies for that particular session and shall be allowed to continue her studies next year.
6. Reservation for SC / ST / OBC and freedom fighters shall be as per MP Government Rules.

**Mode of selection:** The candidate has to under go the following tests :

- i. **Medical Fitness Test:** Each candidate will be medically examined by the University medical doctor and only those found fit will be admitted to these courses.
- ii. **Written Test:** A candidate should score a minimum of 40% marks\*. The written test is to test the ability and aptitude of a candidate in general knowledge about Sports, Aerobic, and Physical Education. The test will be conducted on **July 08, 2012** and shall be of **one hour duration 50 marks**

**The candidates are required to answer on Optical Response Sheet which may be evaluated by OMR machine. They must bring HB PENCIL, ERASER & Sharpner on the day of examination.**

**Motor Fitness Test :** The test items will be as under and each item shall be of **20 marks**

**100 Marks**

- a. 50 M Run (Test of Speed)
  - b. Medicine Ball throw (Test of Explosive strength of shoulder, backward double arm overhead throw from standing position)
  - c. Standing Broad Jump (Test of explosive strength of legs)
  - d. Shuttle Run (4x10M) (Test of agility)
  - e. 600 M Run / Walk (Test of cardiovascular efficiency)
- iii. **Sports Performance Test :** Each candidate shall be tested for sports performance by core group of experts in Physical education and Sports in any one of the game / sports as mentioned below :  
**100 Marks**

Hockey, Football, Volleyball, Basketball, Badminton, Cricket, Judo, Kho-Kho, Kabaddi, Gymnastics, Swimming, Hand Ball, Lawn Tennis, Table Tennis, Weight Lifting, Best Physique, Wrestling, Chess, Aerobics, Athletics, Air Pistol and Rifle Shooting.

iv. **Group Discussion:** Related to sports and general topics. **25 Marks**

v. **Personality Test cum Interview** **10 Marks**

**These tests shall be held on July 9-11, 2012.**

vi. **Break up of Marks for Personal Sports Achievements :** The allocation of marks for personal sports achievement shall be on the basis of production of certificate about the level of Participation by the candidate in those games/sports which are recognised by Indian Olympic Association (I.O.A.)

*The marks allocated for each level shall be as follows:*

1. First place in Inter collegiate Championship of any University	02 Marks
2. Participation at All India / Zonal intervarsity Championship	10 Marks
3. Participation at National Championship / combined Intervarsity	15 Marks
4. Bronze medal at All India Intervarsity / National championship	20 Marks
5. Silver medal at All India Intervarsity / National championship	30 Marks
6. Gold medal at All India Intervarsity / National championship	40 Marks

Those students who have participated at international level in any game as a member of Indian team will be granted admission directly provided they fulfill minimum educational qualifications for the course.

**Note:** 1. The evaluation for practical Motor fitness test shall be done in accordance with the norms developed and revised by the School of Studies in Physical Education and Sports Sciences from time to time.  
2. For personal sports achievements, the candidate shall be awarded marks only for the highest performance in any one of the game he has played.

**Admission List :** The list of qualified candidates according to the merit for these courses will be put up on the notice board soon after the completion of admission tests. Candidates, therefore, should come fully prepared to join course if selected. Admission will be confirmed only on payment of the fees and production of original documents, i.e., marksheet of qualifying examination, date of birth, etc. on the day of counselling, i.e., **July 12, 2012** in cash or demand draft in favour of **Registrar, Jiwaji University, Gwalior** payable at Gwalior. Non-payment of fees or failure to report on counselling day will automatically cancel the admission.

If some vacancies arises later on, the order of merit will be strictly followed from the remaining candidates and only those who have obtained 40% marks will be considered for admission.

**Course structure for B.P.Ed. (One year course)**

**I – Semester (Theory) A**

History & foundation of Phy. Edu.  
Management of Phy. Edu. & sports  
Anatomy & Physiology of Exercise  
Health Edu. & Treat of Injuries

**B** Practicals in Athletics, Kho-Kho, Kabaddi, Basketball, Football

**C** Teaching Ability

**II – Semester (Theory) A**

Methods and Measurements in Ph. Edu.  
Sports Psychology & Sports Sociology  
Kinesiology  
General therapy & Methods of Sports Training

**B** Practicals on Hocky, Cricket, Volley Ball, Tennis, T.T., Judo, Yoga, Badminton, Aerobics, Wrestling & Weight lifting,

**C** Sports Specialiation

**Medium of Instruction and Examination :-** The medium of instruction shall be English however the medium of examination for courses shall be both English and Hindi.

1. **M.P.Ed.** : (Two years / Four Semester))

**Available seats** : Open = 15 Payment = 05 NRI = 05

**Elibility** :

1. A Bachelor's Degree in Physical Education from a recognised University or a Post-graduate Diploma in Physical Education of one year duration awarded by a recognised University or

Board appointed by Education Department of a State with 50% of marks. A candidate holding a PG Diploma must submit a certificate from the institution attended, specifically mentioning the date of admission and completion of the diploma course.

2. Those candidates who have obtained a diploma by attending a condensed course after taking a certificate in Physical Education are not eligible for admission.
3. Those who have represented their University in Inter-university tournaments and States in Senior National Tournaments (Sports Federation) / Games and Sports included in the SOSPE curriculum and those belonging to SC / ST / OBC may be considered for admission, if they secure 45% marks in BPE, BPED or DPED examination.
4. The age of Candidates should not be more than **Twenty Five** years on **1<sup>st</sup> July, 2012**. In case of inservice candidates, the age limit shall be relaxable upto 40 years. Inservice candidates have to obtain necessary permission and NOC and one year leave from the parent Department. These certificates are to be submitted before the Entrance Test.
5. Married women are also eligible for admission to both courses, but if she reaches to the stage of pregnancy during the course, she will have to discontinue her studies for that particular session and shall be allowed to continue her studies next year.
6. Reservation for SC / ST / OBC and freedom fighters shall be as per MP Government Rules.

#### **Mode of selection:**

The eligible candidates will be called for an interview and selection trials on the break up of marks for various items will be as follows:

- i. Written Test (2 hrs.) will be conducted on **Sunday July 08, 2012**. **100 Marks**  
**The candidates are required to answer on Optical Response Sheet which may be evaluated by OMR machine. They must bring HB PENCIL, ERASER & Sharpener on the day of examination.**  
 The written test is to judge the ability, aptitude and knowledge of candidates in sports sciences taught at BPE, BPED, DPED level, and latest trends in Physical Education and Sports. *The minimum passing marks is 40%. \**
- ii. Sports performance test will be conducted on **July 09-11, 2012** **100 Marks**  
 Each candidate shall be tested for sports performance by a core group of experts in Physical Education and Sports in any of the following games:  
 Hockey, Football, Volleyball, Basketball, Badminton, Cricket, Judo, Kho-Kho, Kabaddi, Gymnastics, Swimming, Hand Ball, Lawn Tennis, Table Tennis, Weight Lifting, Best Physique, Wrestling, Chess, Aerobic, Athletics Air Pistol and Rifle Shooting. *The minimum passing marks is 50%.*
- iii. A candidate, to be eligible for admission, should obtain 50% in written and sports performance (45% for SC / ST / OBC) of the total points.
- iv. Those candidates who have qualified and are in the merit list shall be medically examined by the medical board appointed for this purpose only. The candidates found medically fit shall be permitted to join the course.
- v. The candidate shall have to face an *personality test cum interview*. **25 Marks**
- vi. Those students who have participated at International level as a member of Indian team in those games which are recognised by IOA will be granted admission directly provided they fulfil the minimum educational requirements.
- vii. **Break up of Marks for Personal Sports Achievements :** The allocation of marks for personal sports achievement shall be on the basis of production of certificate about the level of Participation by the candidate in those games/sports which are recognised by Indian Olympic Association (I.O.A.)

*The marks allocated for each level shall be as follows:*

- |   |          |
|---|----------|
| 1. First place in Inter collegiate Championship of any University | 02 Marks |
| 2. Participation at All India / Zonal intervarsity Championship   | 10 Marks |

- |  |          |
|--|----------|
| 3. Participation at National Championship / combined Intervarsity        | 15 Marks |
| 4. <i>Bronze medal</i> at All India Intervarsity / National championship | 20 Marks |
| 5. <i>Silver medal</i> at All India Intervarsity / National championship | 30 Marks |
| 6. <i>Gold medal</i> at All India Intervarsity / National championship   | 40 Marks |

Those students who have participated at international level in any game as a member of Indian team will be granted admission directly provided they fulfill minimum educational qualifications for the course.

Viii. The test in one game / sport is to judge the suitability of the candidates to undertake specialization in Part II of course structure. The SOSPESS reserves the right to delete any game or sport from the list on account of administrative feasibility.

In case any candidate desiring to change the specialization after admission, his / her suitability will be tested by the expert committee.

**M. Phil.** : (One year / Two Semesters)

**Eligibility** : M.P.Ed. with 55% marks

**Available seats** : Open =10

**Mode of Selection** : On the basis of merit in test conducted by the university.

**Contact person** : **Prof. Keshav Singh Gurjar, Head**

**Fees for the course:** **Open Seat**

Course	Sem. I	Sem.II	Sem. III	Sem. IV
M.P.Ed	Rs. 11315.00	Rs. 8425.00	Rs. 9775.00	Rs. 8425.00
B.P.Ed	Rs. 11615.00	Rs. 8675.00		

**Payment Seat: M.P.Ed. , B.P.Ed. Rs. 11000/- (one time) at the time of admission, additional to the fees for Open Seat**

**Admission List** of the qualified candidates according to the merit for these courses will be put on the notice board soon after the completion of the admission tests. The candidate therefore should come fully prepared to join the course if selected. Admission will be confirmed only on payment of the fees on the day of counselling, *i.e.*, **July 12, 2012** in cash or demand draft in favour of Registrar, payable at Gwalior. Non payment of fees or failure to report in counselling day with original documents, *i.e.*, marksheet it will automatically cancel the admission.

***\*The cut off marks may be relaxed for all the candidate if less number of candidate qualify the written test.***

## **CENTRE FOR YOGIC SCIENCES**

### **Programme Offered :**

- P.G. Diploma in Yoga Therapy (One year Six months)

**Contact Person:** **Dr. Rajendra Singh**, Co-ordinator

### **Profile of the Course :**

Yoga is a way of life, an integral system of education for the body, mind and inner spirit. This art of right living was perfected and practiced in India thousands of years ago but, since yoga deals with universal truths, its teaching are valid today as they were in ancient time. Yoga is a practical aid not a religion, and its technique have been practiced by Buddhists, Jains, Christians, Muslims, Hindus, and atheist alike; Yoga is union with all.

University has started this centre for Yogic Sciences in 2001 on self financing basis to start various courses on Yoga education. Since then the centre is running diploma and certificate courses in Yoga education. Now the university grant commission has given sanction to start a separate course on Yoga Therapy.

The successful candidate shall be eligible for appointment as Yoga instructor, teacher, Yoga consultant in school and colleges, Industries, Health centres, Hospitals, Government and Non government agencies.

### **P.G. Diploma in Yoga Therapy (One year Six months)**

Eligibility	Graduation with 45% marks in qualifying examination
Available seats	20 NRI = 03
Venue	Institute of Distance Education, Jiwaji University Gwalior
Mode of selection	Merit in qualifying examination cum interview.

Medium of Instruction : Hindi and English

### **Course Structure:**

#### **Diploma:**

Part – I Theory	Part – II Practicals	Part – III
Foundation of Yoga	Asanas, Pranayams Mudras &	Project Report
Basics relevant to Yoga Therapy	Bandhs Kriyas & Meditation	
Human Biology	techniques Yoga Therapy special	
Integral approach to Yoga	techniques Practicals	
Therapy		
Yoga Therapy in practice		

Part – IV  
Clinical Examination &  
Viva-Voce

Part – V  
Internal assessment

**Fees Structure for the course : Open Seat**

Course	I Installment	II Installment	III Installment
P.G. Diploma in Yoga	Rs.6415.00	Rs. 3525.00	Rs. 2450.00

***SCHOOL OF STUDIES IN DISTANCE EDUCATION***

**Profile of the Distance mode of Education:**

Distance education is a developing educational delivery system. It has now becoming a alternative to traditional classroom teaching. In fact it is an opportunity for those who were prevented from attending classes due to their family obligations. Distance education is intended primarily to meet the educational needs of students prevented by work or family obligations. The students at distance prefer to control the pace of their learning through independent study. They neither need structured learning experience nor interaction with the professor or other students.

**Objectives:** Main objectives to start distance mode programs are-

- To provide quality educational to youngsters of rural areas to enable them to prepare for a constructive role in the civilized society.
- To equip youngsters of rural area in skills as demanded by the market driven society.
- To develop awareness about education among those who have discontinued their education after 10+2 due to their poor economic condition. This mode of education provides them an opportunity to continue their education along with their profession.
- In service personals who can not attend regular classes are encouraged to join distance mode of education to achieve professional qualification.



## School of Studies in Distance Education

Under-Graduate (UG)	<b>B.A. (History, Political Science, Sociology, Geography, Economics, Hindi, English)</b> <b>B.Sc. (Physics, Chemistry, Mathematics, Computer)</b> <b>B.Sc. (Zoology, Botany, Chemistry)</b> <b>B.Com., B.B.A.</b> <b>Bachelor of Library Sciences (B. Lib.)</b> <b>Bachelor of Journalism and Mass Communication (BJMC)</b>
Post-Graduate (PG)	<b>English, Economics, Hindi, Sanskrit, History, Sociology, Political Science, Public Administration, M.Lib., MJMC</b> <b>Drawing &amp; Painting, Geography</b> <b>M.A. Social Work</b>
MBA	<b>MBA (General) Three year Programme</b> <b>Rural Technology and Management (RTM) Two year Programme</b> <b>Chemical Sales &amp; Marketing Management (CSMM) Two year Programme</b>
PG Diploma	<b>Psychological Counseling, HRD, Computer Applications, Yoga Education</b>
<b>Note :</b>	<b><i>Above mentioned Courses will be operational only when minimum intake will be Ten or more.</i></b> <b><i>Eligibility, fees structure and admission schedule will be notified separately by the SOS in Distance education</i></b>

Institute of Distance Education in Jiwaji University was established a 1995 to run various professional and conventional academic programmes through the mode of distance education. At present various education programmes are being run in Institute of Distance Education building located within the Jiwaji university campas and also at different Study Centers under the directions of Distance Education Council, New Delhi. The courses are conducted by providing Study materials, home assignments and arranging contact programmes for the students. The Institute utilizes the expertise available in various School of studies, Institute, Departments of the University and affiliated colleges. At the end of the term the examinations are conducted by the university along with the regular students.

**Mission:** The mission of the institute of the distance education is to provide higher education to those who are unable to join the regular education programmes of the University due to the reasons best known to them.

**Strategy:** The School of Studies in Distance Education is an Institute of higher education for development of Education through distance mode. We find strength in our, diversity, independence, and commitment to excellence. We educate women and men to guide human activity at the local, and national levels with a comprehensive understanding of the higher education of their choices. We create new knowledge in different fields of education to provide opportunity for the people to enhance their basic qualification.

### **Eligibility :**

**Under Graduate Courses :** Higher Secondary (10+2) / Intermediate with the subject as required in accordance with the ordinance of the course.

**Post Graduate Courses :** Graduate with the subject as required in accordance with the ordinance of the course.

**Contact Persons :** **Prof. Umesh Holani, Director** Prof. A.K. Sharma , Deputy Director

For detail information visit website **<http://www.jiwaji.edu>**

Institute of Distance Education **Phone: 0751-2442868**

For the Distance mode program Separate Prospectus are available. Fees and other details are available in the prospectus which can be obtained from the office of Institute of Distance Education, Jiwaji University, Gwalior or their Study centers in affiliated colleges. Application form may also be downloaded from our website.

## UNIVERSITY SCIENCE AND INSTRUMENTATION CENTRE

### **Profile of the USIC:**

This USIC was established in 1982 during the 5<sup>th</sup> plan period. At that time the status designated to this centre was level – I. This centre is a non-teaching department of this university. It takes care of the repairing and maintenance of laboratory instruments, fabrication and designing of faulty parts of various instruments used in school of studies and the laboratories of the colleges affiliated to this university

**Facilities available:** This centre has following facilities:

1. **Mechanical shop:** This shop is equipped with Lathe machine, Milling machine, Power Hacksaw, Drilling machine, Cutting machine, Press machine.
2. **Electrical / Electronics shop :** This shop has various measuring instruments such as Function generator, Oscilloscope, Dual trace power supply, Tong tester, Digital multimeter, Radart Q meter, Valve tube tester, Micro processor Kit, PH calibrator, LCR bridge

3. **Glass blowing / cutting shop** : This shop utilizes Air Compressor, Table glass blowing burner, Indane and Oxygen gas cylinder. All necessary facilities are available in this shop.
4. **Welding shop** : This shop has arc welding machine and Spot welding machine facilities.

Electrical and Electronics shop besides other maintenance work has fabricated various instruments and their parts. Some of them are fellows;

- A. Melting point apparatus M.Sc. were designed and fabricated for SOS in Chemical Sales and Marketing Management to be used by Research students Industrial chemistry, Jiwaji university Gwalior.
- B. Bread board with regulated power supply for Institute of Engineering, Jiwaji university, Gwalior.
- C. Switch boards for Institute Of Engineering , Jiwaji university. Gwalior.
- D. Lamp load boards for Wattmeter practical for Institute of Engineering , Jiwaji University, Gwalior.
- E. Electrical furnace to be used in czcharalski method of cmstate growth.

The Mechanical shop has supplied various bushes in industries at nominal costs. The shop has fabricated various attachments used in different machines used for research purpose.

The centre also imparts workshop, training to the students of Institute of Engineering of this university. Technical support to the research students of various disciplines is also provided by USIC. Academic activities related to the training to the teachers and technical staff of the universities and colleges of Madhya Pradesh have also been taken by this centre in collaboration with WRIC, Mumbai. In the past this centre has been organizing course on refrigeration technology for the students and technicians. The technicians have successfully performed responsibility of maintaining the intercom facility of the university, in the past.

The centre alsoa taken up the job form Private industries and parties and charges nominal amount. Ths has made the centre in have some funds which may be used in the development of this centre.

**Faculty / Staff:** University Science Instrumentation centre has a team of trained experts in different fields.

**Contact Person:**        **Prof. A.K. Shrivastava, Head**

A small Library is also being maintained by this centre to have the students excess for data of electronic components.

## M.Phil.\* Studies

### Admission rules for M.Phil.

2. Admission to M. Phil. Programme in various subjects shall be made on the basis of the Merit in Entrance test Conducted by the University . For all M. Phil. courses the general category candidates must have secured atleast 55% marks at post-grauadte level in the respetive subject. A relexation of 5% in agreeegate in the eligibilty criterion shall be given / provided to SC / ST / OBC candidates having domecile of Madhya Pradesh only. The Entrance test will be held on 22 July, 2012 at 9.30 AM in University Campus. Students waiting for their result of qualifying examination may also appear in this test but they will have to submit the document related to their result at the time of counselling. The passing marks in written test is 40%, (35% for SC/ST/OBC Candidates).
3. , e0 fQy0 पाठ्यक्रमों में पूर्णतः प्रवेश मेरिट के आधार पर किया जायेगा। इसके लिये अभ्यर्थी के स्नात्कोत्तर परीक्षा में **55%** अंक होना अनिवार्य हैं। अनुसूचित जाति/जनजाति/अन्य पिछड़ा वर्ग हेतु 50% अंक होना अनिवार्य है। The passing marks in written test is 40%, (35% for SC/ST/OBC Candidates).
4. Councelling for admission to M. Phil Courses will be held on 24 July, 2012 in respective school of studies. The students whose results are not yet declared can also apply for admission. They will be given provisional admission. They will have to submit a declaration that if they fail to pass the qualifying examination, the fees deposited by them will be forfeited by the University, and the given admission will stand cancelled.
5. The seats for teachers working in college affiliated to this Univesity will remain reserve as per the ordinance of M.Phil.

The University has M. Phil. Program in various School of Studies in following disciplines :

#### Faculty of Science

Physics  
Chemistry  
Mathematics

#### Faculty of Life Science

Botany  
Zoology  
Environmental Science

#### Faculty of Social Science

Economics  
Political Science  
Public Administration  
Sociology  
History  
AIHCA

#### Faculty of Engineering Science

Computer Sc. & Application

#### Faculty of Arts

Sanskrit, Hindi, English

#### Faculty of Commerce

Commerce

#### Faculty of Physical Education

Physical Education

\* The M.Phil. course is of One year / Two Semester duration in all the disciplines.

### FEES for the M.Phil. Courses:

#### OPEN Seats

	Courses	I-Semester	II-Semester
1.	M.Phil. <i>Social Science / Commerce / Art</i> subjects	<b>11420.00</b>	<b>8525.00</b>
2.	M.Phil. <i>Science / Life Sc. / Engg.Sc./ Physical Edu./ Engg. Sc.</i> subjects	<b>14420.00</b>	<b>10525.00</b>

Fees for Payment Seat: Rs. 9000.00 Extra per semester

#### Details of the Fee Structure for M. Phil. Courses:

S.#	Fee Head	Social Science / Commerce / Arts		Science / Life Science / Physical Education	
		I-Semester	II-Semester	I-Semester	II-Semester
1.	Semester Fee	8000.00	8000.00	8000.00	8000.00
2.	University Dues	1915.00	525.00	1915.00	525.00
3.	Caution money	1500.00	-	2500.00	-
4.	Lab. Fee	-	-	2000.00	2000.00
5.	Armed Force Flag Fee	5.00	-	5.00	-
	<b>Total</b>	<b>11420.00</b>	<b>8525.00</b>	<b>14420.00</b>	<b>10525.00</b>

## **CAREER AND COUNSELING CELL**

Career and Counseling Cell (CCC) has been established in the Jiwaji University (School of Studies in Zoology Building) for the benefit of students. The Jiwaji University is looking ahead for providing opportunities for career development of students by organizing workshops, seminars interactive meetings, campus selection by leading firms, industries and companies. The Career and Counseling Cell, established in the Jiwaji University with financial assistance from University Grants Commission, New Delhi, is organizing these programmes in collaborations with different Departments and organizations to explore the opportunities and provide basic knowledge and awareness on the Career and Placement issues to the students and Researchers in the Jiwaji University.

Establishing a Career and Counseling Cell in the Jiwaji University is to address the diverse socio-economic handicaps and geographic backgrounds of the heterogeneous population of students coming to the University vis-à-vis equity of access and placement opportunities through availability of appropriate institutional support information. Linguistic differences and cultural gaps among students also call for the setting up of such a dispensation for suitable guidance and support in this age of globalization and competitive placements. Availability of relevant and accessible information coupled with professional guidance to utilize the same can result into better career achievements outside the classrooms and help in their healthy progression of our students. Information and communication facilities have been generated in the CCC like computer with internet facility, telephone and Fax, Projection facilities etc. The Career and Counseling Cell offers support to our students makes them confident to perform better. The Career and Counseling Cell would help the students with appropriate guidance to establish linkages with the world of work and locate career opportunities and job profiles in the context of highly competitive emerging occupational patterns. In collaboration with School of Studies in Tourism and Travel Management, campus placement had been organized recently for the post of management Trainees for IV Semester Students of MBA Tourism. A three day workshop was organized during 11-13<sup>th</sup> March 2011 for University Students. More than 400 students have been participated in the workshop. Campus placement activities are in progress in different departments like Industrial Chemistry, Chemical Sales Management, Engineering, Food Technology, etc.

The Jiwaji University provides opportunity to the qualified students in securing jobs, training for project works that leads to secure jobs in different companies, institutions, Government and Non-government organizations. We are getting information from members of our Alumni regarding their placements as well as future placement opportunities in their fields for the benefit of our students who are completing their course.

### **Contact details:**

**Coordinator: Prof. R.J. Rao**  
**Career and Counseling Cell**  
**School of Studies in Zoology Building**  
**Telephone and Fax: 2442612**  
**Email: [cccjugwl@gmail.com](mailto:cccjugwl@gmail.com)**  
**Mobile: 9826255137**

## FEE STRUCTURE FOR VARIOUS COURSES

**Fee from SC/ST Candidates shall be charged as per the rules of Govt. of M.P. The total fees paid by such candidates shall be decided on the basis of their parents total annual income. However if such candidate taking admission against payment seats, they are required to pay Payment fees at the time of admission in addition to the caution money.**

For fee of Payment Seats, NRI Seats and Sponsored Candidates kindly also refer to point no.12,13 and 14 respectively

1. Fee Structure for M.Sc. Courses
2. Fee Structure for M.B.A. in Business Economics, CSMM, E-Commerce, Finance, HRM, Tourism Administration, Hospital Administration, Heritage Tourism Management and M.J.M.C. Courses
3. Fee Structure for M.A./M.Com./P.G. Dip. Courses/B.A.
4. Fee Structure for Library Science Courses
5. Fee Structure for Physical Education Courses
6. Fee Structure for Law Courses
7. Fee Structure for B.B.A. Course
8. Fee Structure for B.C.A./P.G.D.C.A. Course
9. Fee Structure for Yoga Courses
10. Fee Structure for Certificate & Diploma Courses in Sanskrit, English and French
11. Fee Structure for various courses under distance education
12. Fee Structure for payment seats in various courses
13. Fee for NRI candidate
14. Fee for Sponsored candidate
15. Fee Structure for Courses Where Admission is done at the Level of Madhya Pradesh Government
16. Components of General Fee

**1. Fee Structure for M.Sc. Courses****A. For M.Sc. in Industrial Chemistry/Instrumentation & Commercial Methods of Analysis/ Computer Science/Environmental Science / Pharmaceutical Chemistry**

	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV Sem (Rs.)</b>
Tuition Fee	1200	1200	1200	1200
Laboratory Fee	2000	2000	2000	2000
General Fee	1915	525	1875	525
Course Development Fee	9000	9000	9000	9000
Computer Fee	0	0	0	0
Caution Money (Refundable)	2500	0	0	0
<b>Total Fee</b>	<b>16615</b>	<b>12725</b>	<b>14075</b>	<b>12725</b>

**B. For M.Sc. in Remote Sensing and GIS**

	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV Sem (Rs.)</b>
Tuition Fee	1200	1200	1200	1200
Laboratory Fee	2000	2000	2000	2000
General Fee	1915	525	1875	525
Course Development Fee	14000	14000	14000	14000
Computer Fee	0	0	0	0
Caution Money (Refundable)	2500	0	0	0
<b>Total Fee</b>	<b>21615</b>	<b>17725</b>	<b>19075</b>	<b>17725</b>

**C. For M.Sc. in Biochemistry/Neuroscience/Biotechnology/ Microbiology /Biomedical Technology/Food Technology / MHG**

	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV Sem (Rs.)</b>
Tuition Fee	1200	1200	1200	1200
Laboratory Fee	2000	2000	2000	2000
General Fee	1915	525	1875	525
Course Development Fee	18000	18000	18000	18000
Computer Fee	0	0	0	0
Caution Money (Refundable)	2500	0	0	0
<b>Total Fee</b>	<b>25615</b>	<b>21725</b>	<b>23075</b>	<b>21725</b>

**D. For PG Diploma in Forensic Science**

	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>
Tuition Fee	1200	1200
Laboratory Fee	2000	2000
General Fee	1915	525
Course Development Fee	10000	10000
Computer Fee	500	500
Caution Money (Refundable)	2500	0
<b>Total Fee</b>	<b>18115</b>	<b>14225</b>

**E. M.Sc. (all the remaining M.Sc. courses)**

	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV Sem (Rs.)</b>
Tuition Fee	1200	1200	1200	1200
Laboratory Fee	2000	2000	2000	2000
General Fee	1915	525	1875	525
Computer Fee	500	500	500	500
Caution Money (Refundable)	2500	0	0	0
<b>Total Fee</b>	<b>8115</b>	<b>4225</b>	<b>5575</b>	<b>4225</b>

**2. A – Fee Structure for M.B.A. in Financial Administration, M.B.A. Human Resource Management**

	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV Sem (Rs.)</b>
Tuition Fee	4400	4400	4400	4400
General Fee	1915	525	1815	525
Course Development Fee	8500	8500	8500	8500
Computer Fee	1000	0	0	0
Caution Money (Refundable)	2500	0	0	0
<b>Total Fee</b>	<b>18315</b>	<b>13425</b>	<b>14715</b>	<b>13425</b>

**B – Fee Structure for M.B.A. in Business Economics, CSMM, E-Commerce, Heritage Tourism Management, Tourism Administration and M.J.M.C. Courses**

	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV Sem (Rs.)</b>
Tuition Fee	2400	2400	2400	2400
General Fee	1915	525	1815	525
Course Development Fee	8500	8500	8500	8500
Computer Fee	1000	0	0	0
Caution Money (Refundable)	2500	0	0	0
<b>Total Fee</b>	<b>16315</b>	<b>11425</b>	<b>12715</b>	<b>11425</b>

**Students of Tourism Admn. will have to pay Rs. 2000/- in I & III Semester for Tour/ Field trip. Charges**

**C. Fees Structure for M.B.A. in Hospital Administration**

	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV Sem (Rs.)</b>
Tuition Fee	6000	6000	6000	6000
General Fee	1915	525	1815	525
Course Development Fee	10000	10000	10000	10000
Computer Fee	1000	1000	1000	1000
Tranning Fees	-	3000	2500	3000
Caution Money (Refundable)	5000	0	0	0
<b>Total Fee</b>	<b>23915</b>	<b>20525</b>	<b>21315</b>	<b>20525</b>



### 3. Fee Structure for M.A./M.Com./P.G. Dip. Courses

#### A. M.A. in Public Administration / Extension Education & Social Work / Education / PGD in Retail Management\* / PGD in Financial Administration\* / M.A. Jyotirvigyan

	I Sem (Rs.)	II Sem (Rs.)	III Sem (Rs.)	IV Sem (Rs.)
Tuition Fee	1200	1200	1200	1200
General Fee	1915	525	1875	525
Course Development Fee	2000	2000	2000	2000
Caution Money (Refundable)	500	0	0	0
<b>Total Fee</b>	<b>5615</b>	<b>3725</b>	<b>5075</b>	<b>3725</b>

\* Fees will be charged for only two semesters.

#### B. For M.Com/M.A. (except mentioned above M.A. courses)

	I Sem (Rs.)	II Sem (Rs.)	III Sem (Rs.)	IV Sem (Rs.)
Tuition Fee	1200	1200	1200	1200
General Fee	1915	525	1875	525
Caution Money (Refundable)	500	0	0	0
<b>Total Fee</b>	<b>3615</b>	<b>1725</b>	<b>3075</b>	<b>1725</b>

#### C. For P.G. Diploma in Marketing Management: Advt. & Sales Administration,

	I Sem (Rs.)	II Sem (Rs.)
Tuition Fee	1200	1200
General Fee	1915	525
Course Development Fee	4000	4000
Caution Money (Refundable)	500	0
<b>Total Fee</b>	<b>7615</b>	<b>5725</b>

### 4. Fee Structure for Library Science Courses

	B.Lib.		M.Lib.	
	I Sem (Rs.)	II Sem (Rs.)	I Sem (Rs.)	II Sem (Rs.)
Tuition Fee	1200	1200	1200	1200
Laboratory Fee	1500	1500	1500	1500
General Fee	1915	525	1915	525
Computer Fee	0	1000	0	1000
Caution Money (Refundable)	1500	0	1500	0
<b>Total Fee</b>	<b>6115</b>	<b>4225</b>	<b>6115</b>	<b>4225</b>

### 5. Fee Structure for Physical Education Courses

	M.P.Ed. (Four Semesters)				उपचयम्कण ढूढ मउमेजमतेदु	
	I Sem (Rs.)	II Sem (Rs.)	III Sem (Rs.)	IV Sem (Rs.)	I Sem (Rs.)	II Sem (Rs.)
Tuition Fee	3500	3500	3500	3500	3000	3000
Laboratory Fee	1250	1250	1250	1250	1050	1000
Sports Equipment Fee	1500	1500	1500	1500	2000	2000
First Aid Fee	150	150	150	150	150	150
General Fee	1915	525	1875	525	1915	525
Computer Fee	500	500	500	500	0	0
Leadership Training	1000	1000	1000	1000	2000	2000
Caution Money (Refundable)	1500	0	0	0	1500	0

<b>Total Fee</b>	<b>11315</b>	<b>8425</b>	<b>9775</b>	<b>8425</b>	<b>11615</b>	<b>8675</b>
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**6. Fee Structure for Law Courses**

	<b>L.L.B. (Hons.)</b>				<b>L.L.M. (Hons.)</b>		
	<b>I Sem (Rs.)</b>	<b>II,IV, VI, VIII, X Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>V, VII, IX Sem (Rs.)</b>	<b>I Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>II, IV Sem (Rs.)</b>
Tuition Fee	8000	8000	8000	8000	12000	12000	12000
General Fee	1915	525	1875	1875	1915	1875	525
Course Development Fee	4000	4000	4000	4000	4000	4000	4000
Computer Fee	1000	0	1000	0	1000	1000	0
Caution Money (Refundable)	1500	0	0	0	1500	1500	0
<b>Total Fee</b>	<b>16415</b>	<b>12525</b>	<b>14875</b>	<b>13875</b>	<b>20415</b>	<b>20375</b>	<b>16525</b>

**7. A - Fee Structure for B.T.M. Course**

	<b>I Sem (Rs.)</b>	<b>II, , VI Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV (Rs.)</b>	<b>V Sem (Rs.)</b>
Tuition Fee	8000	8000	8000	8000	8000
General Fee	1915	525	1875	525	1875
Computer Fee	0	0	0	1000	1000
Teaching Material	0	0	0	0	0
Tour Fee & Field Trip	2000	0	2000	0	2000
Caution Money (Refundable)	1500	0	0	0	0
<b>Total Fee</b>	<b>13415</b>	<b>8525</b>	<b>11875</b>	<b>9525</b>	<b>12875</b>

**B - Fee Structure for B.H.M. & C.T. Course**

	<b>I Sem (Rs.)</b>	<b>II, , VI Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV (Rs.)</b>	<b>V Sem (Rs.)</b>
Tuition Fee	8400	8400	8400	8400	8400
General Fee	1915	525	1875	525	1875
Laboratory Fee	7000	7000	7000	7000	7000
Course Development	15000	15000	15000	15000	15000
Caution Money	5000	0	0	0	0
<b>Total Fee</b>	<b>37315</b>	<b>30925</b>	<b>32275</b>	<b>30925</b>	<b>32275</b>

**B - Fee Structure for B.B.A. Course**

	<b>I Sem (Rs.)</b>	<b>II, IV, VI Sem (Rs.)</b>	<b>III, V Sem (Rs.)</b>
Tuition Fee	8000	8000	8000
Laboratory Fee	0	0	0
General Fee	1915	525	1875
Computer Fee	1000	0	0
Teaching Material	750	0	0
Practical Summer Training & Placement	1200	0	0
Caution Money (Refundable)	1500	0	0
<b>Total Fee</b>	<b>14365</b>	<b>8525</b>	<b>9875</b>

**8. Fee Structure for B.C.A. / P.G.D.C.A. Course**

	<b>B.C.A.</b>			<b>P.G.D.C.A.</b>	
	<b>I Sem (Rs.)</b>	<b>II, IV &amp; VI Sem (Rs.)</b>	<b>III &amp; V Sem (Rs.)</b>	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>
Tuition Fee	7500	7500	7500	7500	7500
Laboratory Fee	1000	1000	1000	1000	1000
General Fee	1915	525	1875	1915	525
Computer Fee	0	0	0	0	0
Caution Money (Refundable)	2500	0	0	2500	0
<b>Total</b>	<b>12915</b>	<b>9025</b>	<b>10375</b>	<b>12915</b>	<b>9025</b>

**9. Fee Structure for Yoga Courses**

	<b>P.G. Diploma in Yoga Therapy (18 Months)</b>			
	<b>Ist Installment (Rs.)</b>	<b>IInd Installment (Rs.)</b>	<b>IIIrd Installment (Rs.)</b>	
Tuition Fee	4000	3000	1000	
General Fee	1915	525	1450*	
Caution Money (Refundable)	500	0	0	
<b>Total</b>	<b>6415</b>	<b>3525</b>	<b>2450</b>	

**10. Fee Structure for Certificate & Diploma Courses in Sanskrit/English/French;**

At the time of admission **Rs. 3000.00**

**11. Fee Structure for various courses under distance education : *Kindly contact the Institute for fee.***

**12. Fee Structure for payment seats in various courses;**

<b>Extra Amount to be deposited</b>	<b>Frequency</b>	<b>Courses</b>
<b>Rs. 7000 /-</b>	Per Semester	<b>M.Sc. :</b> Physics, Chemistry, Mathematics, Zoology, Botany, Environment Science and Geology
<b>Rs. 7000 /-</b>	Per Semester	<b>M.A.:</b> AIHCA, History, Economics, Political Science, Extension Education and Social Work, Education.
<b>Rs. 7000 /-</b>	Per Semester	<b>B.Lib.I.Sc., M.Lib.I.Sc.,</b> Master of Journalism & Mass Communication, <b>M.Com</b>
<b>Rs. 7000 /-</b>	Per Semester –M.A.	M.A Jyotirvigyan
<b>Rs. 9000/-</b>	Per Semester	LL.M and M.Phil.
<b>Rs. 11000/-</b>	Per Semester	<b>M.Sc. :</b> Instrumentation & Commercial Methods of Industrial Analysis, Environmental Chemistry, Pharmaceutical Chemistry, Industrial Chemistry, Remote Sensing & GIS,
<b>Rs. 11000/-</b>	Per Semester	<b>M.B.A. :</b> Business Economics, Financial Administration, Tourism Administration, CSMM, Human Resource Development, e-Commerce, Heritage Tourism Management
<b>Rs. 20000/-</b>	Per Semester	<b>M.B.A :</b> Hospital Administration
<b>Rs. 11000 /-</b>	Per Year	B.B.A., B.C.A. B.T.M, B.H.M & C.T
<b>Rs. 16000/-</b>	Per Semester	<b>M.Sc. :</b> Computer Science, Microbiology, Biomedical Technology, Food Technology, Biochemistry, MHG
<b>Rs. 16000 /-</b>	<b>One- Time</b> (During admission)	B.P.Ed., M.P.Ed.

<b>Rs. 21000/-</b>	Per Semester	<b>M.Sc. : Biotechnology</b>
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**13. Fee for NRI candidate - US \$ 2500.00** per annum in addition to the normal fee (applicable for all courses).  
For admission on NRI seats, an applicant should contact concerned department.

**14. Fee for Sponsored candidate** - Candidates sponsored by various organisations for admission, will be required to deposit sponsorship fee of **Rs. 25000** in addition to the designated fee for payment seat of the course.

**15. Fee Structure for Courses Where Admission is done at the Level of Madhya Pradesh Government**

	<b>B.E.</b>	<b>M.B.A (Full Time)</b>	<b>M.B.A (Part Time)</b>	<b>B.Pharm</b>	<b>M.C.A.</b>
Course Fee	As per the rules of Madhya Pradesh Government.				
General Fee	As per the schedule at point 16	As per the schedule at point 16.	As per the schedule at point 16.	2440* in Ist Year and 2400** during subsequent years	As per the schedule at point 16.
Caution Money (Refundable)	5000 (Only in first semester)	5000 (Only in first semester)	5000 (Only in first semester)	5000 (Only in first semester)	5000 (Only in first semester)

\* **Combined general fees of first two semesters.**

\*\* **Combined general fees of next two semesters.**

**16. Components of General Fee**

<b>समस्त शुल्क</b>										
<b>Fees</b>	<b>I Sem (Rs.)</b>	<b>II Sem (Rs.)</b>	<b>III Sem (Rs.)</b>	<b>IV Sem (Rs.)</b>	<b>V Sem (Rs.)</b>	<b>VI Sem (Rs.)</b>	<b>VII Sem (Rs.)</b>	<b>VIII Sem (Rs.)</b>	<b>IX Sem (Rs.)</b>	<b>X Sem (Rs.)</b>
Union Fee	40.0	0.0	40.0	0.0	40.0	0.0	40.0	0.0	40.0	0.0
University Sports	300.0	0.0	300.0	0.0	300.0	0.0	300.0	0.0	300.0	0.0
Student Welfare	40.0	0.0	40.0	0.0	40.0	0.0	40.0	0.0	40.0	0.0
Identity Card	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SoS Dev.	1000.0	500.0	1000.0	500.0	1000.0	500.0	1000.0	500.0	1000.0	500.0
Student Aid	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0
Magazine	30.0	0.0	20.0	0.0	20.0	0.0	20.0	0.0	20.0	0.0
SoS Library	200.0	0.0	200.0	0.0	200.0	0.0	200.0	0.0	200.0	0.0
Central Library	200.0	0.0	200.0	0.0	200.0	0.0	200.0	0.0	200.0	0.0
Students Insurance	30.0	0.0	30.0	0.0	30.0	0.0	30.0	0.0	30.0	0.0
Armed Force Flag	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0
Health Centre Dev.	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
<b>TOTAL FEE</b>	<b>1915.0</b>	<b>525.0</b>	<b>1875.0</b>	<b>525.0</b>	<b>1875.0</b>	<b>525.0</b>	<b>1875.0</b>	<b>525.0</b>	<b>1875.0</b>	<b>525.0</b>

**Notes: Notes:**

- No fee, except caution money, shall be refunded in any case whatsoever.
- Examination fee and hostel fee shall be charged separately.
- The course where the field work / tour is a part of syllabus, an additional fee for the same shall be charged depending upon the distance and duration of tour.
- Late fee imposed due to delayed payment of scheduled fee shall be additional.

**D). Amount of Fees to be deposited at the time of admission**

**(I) Fees for open seats**

	<b>COURSES</b>	<b>(Rs.)</b>
1.	M.Sc. in Industrial Chemistry/Instrumentation & Commercial Methods of Analysis/ / Environmental Chemistry/ Computer Sc./ Environmental Science/ Pharmaceutical Chemistry	16615
2.	M.Sc. in Remote Sensing and GIS	21615
3.	M.Sc. in Biochemistry/Neuroscience/Biotechnology/ Microbiology /Biomedical Technology/Food Technology / MHG	25615
4.	PGD in Forensic Science	18115
5.	M.Sc. Physics, Chemistry, Maths, Zoology, Botany, Geology,	8115
6.	M.B.A. Financial Administration, M.B.A. HRD	18315
7.	M.B.A. in Business Economics, CSMM, E-Commerce,, Heritage Tourism Management and <b>M.J.M.C.</b> Courses	16315
8.	M.B.A. Tourism Administration	18315
9.	M.B.A. Hospital Administration	23915
10.	M.A. in Public Administration /Extension Education & Social Work / Education / P.G.D.in Retail Mngt./ P.G.D.in Financial Admn/ M. A. Jyotirvigyan	5615
11.	M.Com / M.A. Economics. Political Sc., Hindi, English, Sanskrit	3615
12.	P.G. Diploma in Marketing Management: Advt. & Sales Administration	7615
13.	B.Lib.I.Sc.	6115
14.	M.Lib.I.Sc.	6115
15.	M.P.Ed.	11315
16.	B.P.Ed.	11615
17.	B.A. LL.B. ( Five year Integrated)	16415
18.	LL.M.	20415
19.	B.B.A.	14365
20.	B.T.M.	13415
21.	B.C.A. / P.G.D.C.A.	12915
22.	B.H.M & C.T.	37315
23.	P.G. Diploma in Yoga Therapy	6415
24.	Certificate & Diploma Courses in English / French	3000

**(II) Additional Fee for Payment Seats**

(This amount should be added in the Fee for open seats)

<b>Extra Amount to be deposited</b>	<b>Frequency</b>	<b>Courses</b>
<b>Rs. 7000 /-</b>	Per Semester	<b>M.Sc.</b> : Physics, Chemistry, Mathematics, Zoology, Botany, Environment Science and Geology
<b>Rs. 7000 /-</b>	Per Semester	<b>M.A.:</b> AIHCA, History, Economics, Political Science, Extension Education and Social Work, Education.
<b>Rs. 7000 /-</b>	Per Semester	<b>B.Lib.I.Sc., M.Lib.I.Sc.,</b> Master of Journalism & Mass Communication, <b>M.Com.</b>
<b>Rs. 7000 /-</b>	Per Semester – M.A	M.A Jyotirvigyan
<b>Rs. 9000/-</b>	Per Semester	LL.M and M.Phil.

<b>Rs. 11000/-</b>	Per Semester	<b>M.Sc. :</b> Instrumentation & Commercial Methods of Industrial Analysis, Environmental Chemistry, Pharmaceutical Chemistry, Industrial Chemistry, Remote Sensing & GIS,
<b>Rs. 11000/-</b>	Per Semester	<b>M.B.A. :</b> Business Economics, Financial Administration, Tourism Administration, CSMM, Human Resource Development, e-Commerce, Heritage Tourism Management
<b>Rs. 20000/-</b>	Per Semester	<b>M.B.A :</b> Hospital Administration
<b>Rs. 11000 /-</b>	Per year	B.B.A., B.C.A., B.T.M., B.H.M & C.T
<b>Rs. 16000/-</b>	Per Semester	<b>M.Sc. :</b> Computer Science, Microbiology, Biomedical Technology, Food Technology, Biochemistry, MHG
<b>Rs. 11000 /-</b>	<b>One- Time</b> (During admission)	<b>B.P.Ed., M.P.Ed.</b>
<b>Rs. 21000/-</b>	Per Semester	<b>M.Sc. :</b> Biotechnology

**III. Fee for NRI candidate - US \$ 2500.00** per annum in addition to the normal fee (applicable for all courses). For admission on NRI seats, an applicant should contact concerned department.

**IV. Fee for Sponsored candidate** - Candidates sponsored by various organisations for admission, will be required to deposit sponsorship fee of Rs. 25000/- in addition to the designated fee for payment seat of the course.

**Note:** It is advisable that the students bring two bank drafts, **one** for the course fee for open seats and the **other** for fee of payment seats (in case he is ready to take admission on payment seat).

## COURSE CODE NUMBERS

Level and Name of Courses	Course Code
<b>Certificate Courses</b>	
1. Certificate in English	1
2. Certificate in French	2
<b>Diploma Courses</b>	
1. Diploma in English	3
2. Diploma in French	4
<b>P.G. Diploma Courses</b>	
1. P.G. Diploma in Marketing Management: Advertising and Sales Administration	5
2. PG Diploma In Retail Management	6
3. PG Diploma in Financial Administration	7
4. P.G. Diploma in Yoga Therapy	8
5. P.G. Diploma in Computer Applications (PGDCA)	9
6. P.G. Diploma in Forensic Science	10
<b>Graduate Courses</b>	
1. B.B.A.	11
2. B.C.A.	12
3. B.T.M.	13
4. B.H.M &C.T.	14
5. B. Lib. I. Sc.	15
6. B.P. Ed.	16
7. B.A.LL.B (Five Years Integrated)	17
<b>Post-Graduate Law Course</b>	
1. LL.M.	18
<b>Post-Graduate M.A Courses</b>	
2. M.A. Ancient Indian History & Archaeology (AIHCA)	19
3. M.A. Extension Education and Social Work	20
4. M.A. French	21
5. M.A. English	22
6. M.A. Sanskrit	23
7. M.A. Hindi	24
8. M.A. History	25
9. M.A. Economics	26
10. M.A. Political Science	27
11. M.A. Public Adminstration	28
12. M.A. Jyotirvigyan	29
13. M.A. Education	30
<b>Post-Graduate Management Courses</b>	
14. M.B.A. e-Commerce	31
15. M.B.A. (Business Economics)	32
16. M.B.A. (Chemical Sales and Marketing Management)	33
17. M.B.A. (Financial Administration)	34
18. M.B.A. (Human Resource Development)	35
19. M.B.A. (Tourism Administration)	36
20. M.B.A. (Hospital Administration)	37
21. M.B.A. (Heritage Tourism Management)	38
<b>Post-Graduate Commerce Course</b>	
22. M.Com.	39
<b>Post-Graduate Library &amp; Information Science Course</b>	
23. M. Lib. I. Sc.	40
<b>Post-Graduate Physical Education Course</b>	
24. M. P. Ed.	41
<b>Post-Graduate Science Courses</b>	
25. M.Sc. Biochemistry	42
26. M.Sc. Biotechnology	43

27. M.Sc. Biomedical Technology	44
28. M.Sc. Environmental Chemistry	45
29. M.Sc. Molecular & Human Genetics	46
30. M.Sc. Pharmaceutical Chemistry	47
31. M.Sc. Instrumentation & Commercial Methods of Industrial Analysis (MICA)	48
32. M.Sc. Chemistry	49
33. M.Sc. Industrial Chemistry	50
34. M.Sc. Computer Science	51
35. M.Sc. Remote Sensing and GIS	52
36. M.Sc. Geology	53
37. M.Sc. Physics	54
38. M.Sc. Mathematics	55
39. M.Sc. Environmental Science	56
40. M.Sc. Food Technology	57
41. M.Sc. Botany	58
42. M.Sc. Microbiology	59
43. M.Sc. Zoology	60
44. M.Sc. Neuroscience	61
45. M.Sc. Electronics	62
<b>Post-Graduate Journalism Course</b>	
46. Master of Journalism and Mass Communications (MJMC)	63
<b>M. Phil. Courses</b>	
47. M. Phil. Physics	64
48. M. Phil. Chemistry	65
49. M. Phil. Mathematics	66
50. M. Phil. Zoology	67
51. M. Phil. Botany	68
52. M. Phil. Environmental Science	69
53. M. Phil. Economics	70
54. M. Phil. Political Science	71
55. M. Phil. Public Administration	72
56. M. Phil. Sociology	73
57. M. Phil. History	74
58. M. Phil. AIHCA	75
59. M. Phil. Commerce	76
60. M. Phil. Physical Education	77
61. M. Phil. Sanskrit	78
62. M. Phil. Hindi	79
63. M. Phil. English	80
64. M. Phil. Computer Sc. & Application	81



## *Administrative Staff and Teaching Faculty Telephone Numbers*

**Fax # : 0751- 2341768, 2341450**

**Telegram : University**

**Enquiry #: 0751 - 2442712**

**Website : <http://www.jiwaji.edu>**

### **UNIVERSITY OFFICERS**

<b>Name</b>	<b>Designation</b>	<b>Telephone</b>	
		<b>Office</b>	<b>Residence</b>
Prof. M. Kidwai	Vice-Chancellor	2442701, 4016701,2341348,	2342086, 2341446,2442791
Prof. J. N. Gautam	Rector	2442603,2442654	2343176
Prof. Anand Mishra	Registrar	2341896, 2341768, 2442801	, 2442642
Prof. Rajeev Jain	DCDC	2442828,2442829	2340216
Prof. D.S. Chandel	DSW	2442821, 2442820	2442800
Dr. Keshav Gurjar	Joint DSW	2442871	2346333
Dr. I.K.Mansoori	Dy. Registrar	2442786, 2442787	2345786
Mr. Ajay Verma	Dy. Registrar	2442610	2442609
Mr. Arun Chauhan	Dy. Registrar	2442896	9407213495
Dr. Rajeev Mishra	Asst. Registrar	2442717	2442700
Mr.Sunil Khare	Asst. Registrar	2442721	2442758
Mr. U.S. Salsekhar	Asst. Registrar & Secretary to VC	2442701	2480384
Mr. P K Sharma	Finance Controller	2442773	
Mr. Pradeep K. Sharma	Statistical Officer/ PRO	2442605	9039952002
Mr. Vishwaranjan Gupta	University Engineer	2442819, 2442807	2365145
Dr. Vikas Malhotra	Health Centre	2442830	9425109888, 2231888 99262214507

### **Proctorial Board**

Prof. C.P. Shinde	Proctor	2442762	2341988
Prof. Radha Tomar	Joint Proctor	2442768	2345330
Dr. Keshav Singh Gurjar	Joint Proctor	2442871	2346333
Dr. S.K. Singh	Joint Proctor	2442600	2344600

### **University Hostel Chief Wardens/ Wardens**

<b>Name</b>	<b>Department</b>	<b>Telephone</b>	
		<b>Office</b>	<b>Residence</b>
Prof. APS Chauhan	Cheif Warden	2442836	2442222, 2442844
Prof. Radha Tomar	Mrignayni Girls' Hostel	2442890	2345330
Prof. Renu Jain	Tatyatope Girls' Hostel	2442899	2341388
Dr. Hemant Sharma	Aryabhatt Hostel	2442852	2346274
Dr. K.S.Gurjar	Capt. Roop Singh Hostel	2442851	2346333

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Prof. Rekha Bhadauria	Convener	2310529	2344393
Prof. Radha Tomar	Member	2442768	2345330
Prof. Vivek Bapat	Member	2442822	2231254

### **SC/ST Cell**

Dr. Shanti D. Sisodia	I/C Sc/St/OBC Cell	2442720	9425742232
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## USIC

Dr. Sanjay K. Gupta	I/C Cell	2442870	2340917
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## Carreer Counseling Cell

Prof. R.J Rao	Prof. I/C Cell	2442612	2340463
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## SCHOOLS OF STUDIES

NAME	DESIGNATION	OFFICE	RESIDENCE
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### Ancient Indian History, Culture and Archaeology (A.I.H.C.A.)

Prof. R.P. Pandey	Professor	2442811	2343722
Prof. R.A. Sharma	Professor	2442602	2341906
Prof. A.K. Singh	Professor & Head	2442816	2343567
Prof. S.K. Dwivedi	Professor	2442817	2344353
Dr. S.D. Sisodia	Lecturer	2442720	9425742232
	Office	2442815	

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Prof. Vivek Bapat	Professor & Head	2442822	2231254
	Office		

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Prof. G.B.K.S. Prasad	Professor & Head	2442794	2230318
Prof. Nalini Shrivastava	Professor	2442796	2380520
Dr. Poornima Kishore	Reader	2442795	
	Office	2442792	

### Biotechnology

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Dr. S. Bhagyawant	Lecturer	2442705	2442624
	Office	2442709	

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Prof. R.M. Agrawal	Professor	2442734	2342466
Prof. Rekha Bhadoria	Professor & Head	2442738	2344393
Prof. Avinash Tiwari	Professor	2442743	2342968
	Office	2442736	

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Prof. Rajeev Jain	Professor	2442766	2340216
Prof. C.P. Shinde	Professor	2442762	2341988
Prof. D.D. Agarwal	Professor (on leave)	2442875	2340776
Prof. A.K. Halve	Professor & Head	2442769	2345884
Prof. S.K. Shrivastava	Professor	2442760	2343796
Prof. Radha Tomar	Professor	2442768	2345330
Prof. S.K. Gupta	Professor	2442764	2342411
	Office	2442763	

### Computer Science & Applications

Prof. D.N. Goswami	Professor	2442842	2233111, 2340256
Dr. Sanjay Gupta	Reader & Head	2442870	2340917
	Office	2442849	

## Commerce

Prof. Umesh Holani	Professor & <i>Head</i>	2442704	2663284
Dr. K.S. Thakur	Associate Professor	2442606	2344050
Dr. S.K. Singh	Associate Professor	2442600	2344600
Dr. Rajendra Khatik	Sr. Lecturer	2442719	
	Office	2442684	

## Management

Dr. Yogesh Upadhyay	Associate Professor & Head	2442601	
Dr. Piyush K. Sharma	Sr.Lecturer	2442846	9826844833
	Fax	2347478	
	Office	2442684	

## Distance Education

Prof. Umesh Holani	Director	2442868	2663284
Prof. A.K. Sharma	Dy. Director	2442630	2343177
	Office	2442863	

## Earth Science

Prof. U.C. Singh	Professor & <i>Head</i>	2442888	2343411
Dr. S.N. Mohapatra	Reader	2442618	2230336
	Office	2442707	

## Economics

Prof. S.K. Shukla	Professor & <i>Head</i>	2442633	2342349
	Office	2442832	

## Indira Gandhi Academy of Environmental Education, Research and Ecoplanning

Prof. R.J.Rao	Director	2442773	2340463
	Office	2442622	

## Engineering and Technology

Prof. D.N.Goswami	Director	2442877	2233111
Prof. D.C.Gupta	Dy. Director	2442877	2341351
	Office	2442878	

## Language

Prof. S.K. Dwivedi	Co-ordinator	2442604	2343411
	Office	2442731	

## Law

Prof. Sanjay Kulshrestha	Professor & Head	2442887	2442613
Dr. Ganesh Dubey	Associate Professor	2442690	09425122624
Dr. G.K. Sharma	Lecturer	2442623	08109175174
Dr. J.K. Tiwari	Lecturer	2424623	09425757188
Dr. Ram Shankar	Lecturer	2442644	08989132558
	Office	2442887	

## Library and Information Sciences

Prof. J.N. Gauam	Professor		2343176
Dr. Hemant Sharma	Associate Professor & <i>Head</i>	2442728	2342110
Dr. R.G. Garg	Associate Professor	2442725	2346274
	Office	2442724	

## Mathematics and Allied Sciences

Prof. Renu Jain	Professor. & <i>Head</i> ,	2442747	2341388
Prof. O.P. Mishra	Professor	2442746	2232849
	Office	2442744	

## Pharmaceutical Science

Prof. Y.K. Jaiswal	Director	2442879	2442640
	Office	2442880	

## Physical Education

Dr. Rajender Singh	Director	2442818	2343327
Dr. Keshav Singh Gurjar	Dy. Director & Head	2442871	9425117433
	Office	2442872	

## Physics

Prof. D.C. Tiwari	Professor	2442756	2342274
Prof. A.K. Shrivastava	Professor	2442784	2344196
Prof. Neeraj Jain	Professor	2442778	2340610
Prof. Mahesh Prakash	Professor & Head	2442779	2235217
Prof. U.P. Verma	Professor	2442782	2342092
Prof. R.K. Tiwari	Professor	2442783	2342314
Prof. P. Rajaram	Professor	2442785	2345227
Dr. Dinesh C. Gupta	Reader	2442777	2341351
	Office	2442781	

## Political Science

Prof. A.P.S. Chouhan	Professor & Head	2442836	2442222, 2442844
	Office	2442835	

## USIC

Prof. A.K. Shrivastava	Professor & Head	2442775	2344196
	Office	2442775	

## Computer Centre

Mrs. Lily Agarwal  
Mr. Sanjay Bartaria  
Mr. H.K. Dwivedi

## Chemicals, Sales & Marketing

Prof. Sanjay Srivastava	Co-ordinator	2442875	2343796
	Office	2442876	

## Zoology

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Prof. A.K. Jain	Professor	2442752	2341922
Prof. O.P. Agrawal	Professor	2442755	2342325
Prof. Sangeeta Shukla	Professor & Head	2442750	2429197
Prof. I.K. Patro	Professor	2442789	2343063
Prof. P.K. Tiwari	Professor	2442772	2344284
Prof. R.J. Rao	Professor	2442773	2340463
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## Tourism & Travel Management

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**CENTRES****Regional Study Centre for Culture and Heritage**

Prof. R.A. Sharma	Co-ordinator	2442817	2341906
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**Centre for Studies in Food Technology**

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**Yoga**

Prof. Rajender Singh	Co-ordinator	2442833	
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**Environmental Chemistry**

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University Guest House (New)	2442758
Railway Enquiry	139
Railway Station Manager	2340706
Air India Booking and Enquiry	2376872
Airport	2470272 / 2470124
Gwalior Bus Stand	2340192
University Police Station	2445239
Central Bank of India, Jiwaji University Branch, Gwalior	2402032
State Bank of India, City Centre, Gwalior	2447530, 31, 32
Syndicate Bank, City Centre, Gwalior	2343566
Oriental Bank of Commerce, City Centre, Gwalior	2232490, 2232013
Allahabad Bank, City Centre, Gwalior	2341675
University Post office	2443168

<b>University Enquiry</b>	<b>2442712</b>
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