Date: 02.04.2016.

# BANGALORE UNIVERSITY

OFFICE OF THE REGISTRAR (EVALUATION), PAREEKSHA BHAVANA, JNANA BHARATHI, BENGALURU – 560 056.

## **NOTIFICATION**

No: Ex-II/Ph.D. Entrance-Non Entrance/2016.

Applications in the prescribed form (enclosed herewith) for admission to the degree of Doctor of Philosophy (Ph.D), are invited from the eligible candidates who are required to appear for entrance test and also from those who are exempted from taking entrance test i.e., candidates who have cleared UGC/UGC-CSIR-JRF /NET/ K-SLET/K-SET/GATE (during validity period with required score)/ FIP/QIP/ Recognized young researchers by DST, UGC, CSIR, AICTE etc./ obtained M.Phil degree through regular course work and not through distance education mode/ project fellows in sponsored major research projects/ Foreign candidates fulfilling the requirement of eligibility vide., 4.1 & 4.2 of the Ph.D Regulations 2013, governing the Degree of Doctor of Philosophy (Ph.D). The admission for candidates exempted from entrance test and those who appear in the entrance test will be made in the ratio of **50-50** among the available vacancies in each Department.

The candidates shall submit duly filled-in application through online only and fee paid online/ Bank challan (generate the fee challan) after paying the fees of Rs. 2,000/- for Entrance, Rs. 1,500/- for non entrance candidates (50% of the prescribed fee for SC/ST/CAT-I, if the applicants income is below Rs. 2,50,000/-) for both entrance & non-entrance test categories and Rs. 5,000/- for Foreign Nationals, to the Finance Officer, Bangalore University, Bengaluru - S.B. A/C No. 64075075224 of State Bank of Mysore on or before 30.04.2016 up to 5 p.m. The application and fees, received after the last date will be rejected automatically and fees so remitted, if any will be forfeited. The candidates fulfilling the Prescribed eligibility criteria alone shall apply for Ph.D Programme and shall produce all the original marks cards, caste certificate, Hyderabad Karnataka region candidate relevant order/certificate for claiming exemptions from Entrance Test etc. at the time of admission/ counselling for verification along with one set copies of all the said documents, failing which, the candidates will not be considered for admission to Ph.D programme in spite of their passing entrance test or claiming eligibility under non-entrance category. The fees once paid will not be refunded under any circumstances.

## ELIGIBILITY REQUIREMENTS FOR ADMISSION TO Ph.D. COURSE

## Regulations (extract) No.: 4.1

- 4.1. Any candidate who has obtained a Post-Graduate Degree from a recognized University securing not less than 55% marks shall be eligible to apply for the PhD Degree Programme.
- 4.2. In the case of SC/ST/Cat-I/Persons with disability/Differently abled candidates, and those who are appointed on regular basis prior to March 31, 1992 as teachers, librarians and physical education personnel in colleges and University Departments, the minimum marks shall be 50% provided the employees are continuing in service at the time of submission of application for registration.
- 4.3. If the results of Master's Degree are declared in the form of grades/credits/cumulative points in their marks cards/ transcripts, such grades/points shall be converted into percentage to assess the minimum eligibility criteria as specified above in Regulations 4.1 and 4.2 (semesterwise calculation sheet shall be submitted by the candidate).
- 8.1. All eligible applicants except those mentioned under Clause 8.2 of the regulations shall appear for the Entrance Test.
- 8.2. The candidates who have cleared UGC/UGC-CSIR-JRF/ NET/ K-SLET/K-SET/GATE (during validity period with required score)/ FIP/QIP/ Recognized young researchers by DST, UGC, CSIR, AICTE etc./ obtained M.Phil degree through regular course work and not through distance education mode/ project fellows in sponsored major research projects/ Foreign candidates shall be eligible for exemption from the entrance test. Necessary certificate has to be enclosed for claiming exemption from entrance test, failing which the application will have to be considered under entrance test category and the candidate has to appear for the entrance test or exam.

The candidates eligible under non-entrance category may also take entrance test. The category beneficial to the candidate in the respective category will be considered.

- **8.3.** The Entrance Test.
- 8.3.1. Maximum marks for Entrance Test: 100.
- 8.3.2. **Nature of questions**: Multiple choice questions of one mark each.
- 8.3.3. **Syllabus for the Entrance Test:** Research Methodology and / or cognate/ core subjects of the P. G. courses.
- 8.3.4 **Duration of Entrance Test:** 120 minutes.

### **Preparation of Merit List of Successful Candidates:**

- 9.1. After the Entrance Test, Consolidated Merit List of all the candidates shall be prepared on the basis of the marks obtained in the entrance test and marks obtained in the qualifying examination in the ratio of 50:50. However, the candidate has to secure an overall minimum of 50% marks (45% for SC/ST/Cat-I persons with disability, a further remission of 5% of marks may be considered, if the seats still remain vacant in those categories) to be eligible for provisional registration.
- 9.2. The Merit List of the candidates who have cleared UGC/UGC-CSIR-JRF/ NET/ K-SLET/K-SET/GATE (during validity period with required score)/ FIP/QIP/ Recognized young researchers by DST, UGC, CSIR, AICTE etc./ obtained M.Phil degree through regular course work and not through distance education mode/ project fellows in sponsored major research projects/ Foreign candidates shall be prepared in that order, based on the percentage of marks secured by them at their qualifying examinations.
- 9.3. Names that appear in the Consolidated Merit Lists shall be notified and considered for the present vacancies only. The vacancies shall be allotted equally to the Entrance and non-Entrance categories. However the vacant seats are mutually transferable.

As per Persons with Disabilities Act, 1995 (GOI) and as per the order No. ED-10-STE-92 dated: 02.01.2001 of Govt. of Karnataka, overall 3% seats will be allotted to the eligible persons with disability. If the candidates are not available, the seats will be allotted to others as per rules.

Overall 8% of seats will be allotted to the Hyderabad Karnataka Region candidates, subject to production of relevant certificate.

## **Regulations No. 11 Course Work:**

11.1. After Provisional Registration, all the registered candidates shall take up the course work in the respective P.G Department/ College/ Institution. The Full time and the part-time candidates have to complete the course work in a semester on full time basis. In exceptional cases the part time research candidates may be allowed to complete the course work in two semesters. During full time course work, the candidates shall take papers I, II, III and work on the Research Proposal under the supervision of the Guide in a semester. In part time course work, the candidates shall take papers I, II & III in the first semester and in the second semester work on the Research Proposal.

**Vacancy List:** 

The tentative Vacancy list in various Departments and recognized research centres are as under:

			Number of Vacancies					
Sl. No	Name of the Department	Specialization / Topic	GM	SC	ST/ Cat-I	II-A	IIB/ IIIA/ IIIB	
		FACULTY OF ARTS	·	I	1	ı		
1 a	Kannada J.B. Campus, BUB	ಕನ್ನಡ, ಸಾಹಿತ್ಯ, ಸಂಸ್ಕೃತಿ, ವಿಮರ್ಶೆ, ಶಾಸನ ತೌಲನಿಕ ಸಾಹಿತ್ಯ, ಭಾಷೆ.		N	o Vacan	cy		
b	P.G. Centre, Kolar	- G-Cat welle, pear.	2	0	1	3	1	
Reco	gnized Research Centres (Ka	annada)						
а	Govt. Arts College, K.R. Circle		1			1		
b	Govt. First Grade College, K.R. Puram		2	1		1		
С	Govt. First Grade College, Vijayanagar		3	1	1		1	
d	Maharani Lakshmi Ammanni College for Women (Women's Only)		3	1		1	1	
2	English	Critical Theory, Translation Studies, Cultural Studies, Gender Linguistics, Discourse Analysis, British Literature, Postcolonial Theory, Gender Studies, Literary Theory, ELT, Language Studies, Postcolonical Studies, Gender Studies, British Literature, Indian Literatures in English, Canadian Studies, Literary and Cultural Studies, Gender Studies, Indian Literatures in English, Postcolonial Poetry, Psychoanalytic Criticism, Twentieth Century British Poetry & Fiction, Central Asian Studies, Gender Studies, Ecocriticism, Literary & Cultural Studies, Postcolonial Studies	7	1	3	2	0	
3	Hindi			No Vacancy				
4	Sanskrit	Arthasastra, Darsana Sahitya Arthasastra	5	1	2	2	2	

5	Urdu	Fiction & Dakniyath	No Vacancy				
6	Telugu		No Vacancy				
7	Foreign Language (French)	Literature, Linguistics, Translation	1	1		1	
		FACULTY OF ARTS (OPTIONAL	(L)				_
8	Journalism & Mass Communication		2	0	0	1	2
9	History	Economic History, Modern India Freedom Movement & Tourism	0	0	0	1	0
Reco	gnized Research Centre (His	story)					
a	Maharani's Women's Arts, Commerce & Management College, Bengaluru (Women's Only)		1 1				
10	Economics				1 4		
<u>a</u>	J.B. Campus, BUB		7	1	2	1	1
b	P.G. Centre, Kolar			N <sub>1</sub>	o Vacan	ıcy	1
11	Political Science	Women Studies, Karnataka Government & Politics, Election Studies, Karnataka Government and Politics, Modern Indian Political Thought, Empowerment of Persons with Disabilities	2	0	1	1	1
12	Performing Arts	ಸಂಗೀತ, ಭರತನಾಟ್ಯ, ಜನಪದ ನೃತ್ಯ ಮತ್ತು ರಂಗಭೂಮಿ, ರಂಗಭೂಮಿ-ಪೌರಾತ್ಯ ಮತ್ತು ಪಾಶ್ಚತ್ಯ, ಭರತನಾಟ್ಯಶಾಸ್ತ್ರ, ರಂಗ ಸಂಗೀತ, ಜನಪದ ನೃತ್ಯ ಮತ್ತು ಸಂಗೀತ, ರಂಗಭೂಮಿ-ಪೌರಾತ್ಯ ಮತ್ತು ಪಾಶ್ಚತ್ಯ, ಭರತನಾಟ್ಯಶಾಸ್ತ್ರ, ರಂಗ ಸಂಗೀತ, ಜನಪದ ನೃತ್ಯ ಮತ್ತು ಸಂಗೀತ, ಸಂಗೀತ, ಭರತನಾಟ್ಯ, ಜನಪದ ನೃತ್ಯ ಮತ್ತು ರಂಗಭೂಮಿ, ಸಂಗೀತ, ಭರತನಾಟ್ಯ, ಜನಪದ ನೃತ್ಯ ಮತ್ತು ರಂಗಭೂಮಿ, ಸಂಗೀತ, ಭರತನಾಟ್ಯ, ಜನಪದ ನೃತ್ಯ ಮತ್ತು ರಂಗಭೂಮಿ	3	3	2	0	0
13	Sociology			N	o Vacan	ıcy	
14	Social Work		No Vacancy				
15	Women Studies	Women's Movement, Gender and Society, Gender, Human Rights Development Health, Gerontology	1	0	0	2	1
16	Rural Development		No Vacancy				
17	Philosophy	Indian Philosophy, Philosophy of Religion.	0	0	0	1	1

18	Visual Arts							
Reco	gnized Research Centre (V	isual Arts)						
а	College of Fine Arts (Karnataka Chitrakala Parishat)		1		-	1		
		FACULTY OF SCIENCE						
19	Apparel Technology & Management	Textile Science, Natural Dyeing, Silk Technology, Textile Waste Management, Chemical Processing, Natural Dyeing, Silk Technology	1	1	0	1	0	
20	Biochemistry	Computational Biology, Plant Psychology & Molecular Biology, Hydrolytic Enzympes and Plant and Microbial glucosaryans Anti Nutrition and Oxidants of Plant, Bioremediation and Secondary Metabolism	1	1	1	1	1	
Reco	gnized Research Centre (1	Biochemistry)				•		
а	Oxford College, Bengaluru		1			1		
21	Botany	Morphogenesis embryology & Tissue culture, Taxonomy, ethnobotany environmental studies, Biodiversity pollution ecology, apiculture, environmental biology, Environmental science, ecology and plant pathology, Cytogenetics, Plant tissue culture	3	0	1	4	1	
Reco	gnized Research Centre (B	Botany)						
а	St. Josephs College, Bengaluru		0	2	0	1	0	
22	Chemistry	Organic Chemistry, Physical Chemistry, Inorganic Chemistry	7	10	8	10	5	
Reco	gnized Research Centres (	Chemistry)						
а	St. Josephs College, Bengaluru		3	1	1	1	1	
b	NMKRV College, Bengaluru (Women's Only)		2	1			1	
С	Govt. Science College, Bengaluru		4	1	1	1	1	
d	JyotiNivas College (Women's Only)		3	1		1	1	
23	Computer Science & Application	Data Mining, Information Retrieval, Natural Language Processing and Network Security	1	0	0	0	0	

24	Electronic Media		0	0	1	0	0	
25	Electronic Science	WiMAX, Wireless Censor Network & L T E, Thin Film Solar Cells, Molecular Electronics Antenna, Power Electronics, Motor Drives	1	2	0	2	1	
Reco	gnized Research Centre (El	ectronic Science)						
а	Mount Carmel College, Bengaluru (Women's Only)		1		-	1		
26	Environmental Science	Ecology, Toxicology, Reproductive Biology, Natural resource Management - Remote Sensing and its Application, Environmental Biology, Microbial Ecology, Water Resources Management, Toxicology Waste Management, Clean & Green Energy Technologies. Climatology Meteorological Sciences. Advanced Eco-friendly Technologies and Environmental Management, Environmental Chemistry, Environmental Pollution Monitoring & Control, and Environmental Modeling Advanced Ecofriendly Technologies & Environmental Management	3	2	2	3	1	
27	Geography	Agricultural, Environmental, Tourism, Urban, Population Geography, Urban, GIS & RS, Environmental Geography	2	0	0	0	0	
28	Geology	Economic Geology, Hydrogeology, Remote sensing and GIS, Hydrogeology, Petrology & Geochemistry, Micropaleontology & Stratigraphy	14	5	6	6	6	
29	Library and Information Science	Library Management/ Marketing Information/ Application of IT, User Studies/ Application of IT	1	1	2	2	2	
30	30 Home Science (Smt. VHD Central Institute of Home Science) (Women's only)							
а	Human Development		3	4	1	2	0	
b	Extension Education and Communication		0	1	0	1	0	
С	Resource Management		4	3	0	3	0	

d	Early Childhood Edu.& Admin.		0	1	0	0	0
e	Food & Nutrition		No Vacancy				
f	Textile & Clothing		No Vacancy				
31	Mathematics	Fluid Mechanics, Number Theory, Differential Geometry, Graph Theory	5	3	2	2	2
Reco	gnized Research Centres (N	Mathematics)					
а	MES College, Bengaluru			N	o Vacan	ıcy	
b	Govt. Science College, Bengaluru		2		1		1
32	Microbiology & Biotechnology		6	4	3	6	2
33	Physics	Atomic and Molecular Physics/ Optics, Materials Science, Spectroscopy/ Condensed Matter, Nuclear Phy/ Radiation Physics, Crystallography/ Materials Science, Astrophysics, Physics Education Res/Theoretical Physics/ Quantum Optics/Spectroscopy/ Atmospheric & Space Physics	5	7	8	10	2
Reco	gnized Research Centre (Pi	hysics)					
а	Maharani Science College, Bengaluru (Women's only)		2	2 2			
34	Psychology	Organizational Behaviour and Indian Psychology, Clinical Psychology,	3	0	0	1	0
35	Speech & Hearing (Dr. Chandrashekar Institute of Speech & Hearing)			No Vacancy			
36	Sericulture/Life Science	Sericulture Economic and Extension, Women's Studies, Genetics, Cell and Molecular Biology	6	2	2	2	1
Reco	gnized Research Centre (Se	ericulture/ Life Science)	-				
а	Mount Carmel College, Bengaluru (Women's only)		1	1 1			
<i>37</i>	Statistics		4	3	3	2	2

38	Zoology	Ecotechnology, Fish Toxicology, Endocrinology, Genetics, Biodiversity Entomology, Reproductive Physiology, Endocrinology Aquatic Biology & Fisheries & Toxicology & Biodiversity, Cytogenetics, Sericulture & Toxicology & Biodiversity, Aquatic Biology, Environmental Biology, Fisheries Toxicology, Entomology/ Biodiversity/ Behaviour,  FACULTY OF COMMERCE	4	4	3	3	4
39	Commerce	Finance, Taxation, Research					
a	Central College Campus BUB	Methodology, Costing, General Management, Quantitive	3	1	2	1	0
b	P.G. Centre, Kolar	Techniques, Accounting and Finance, International Business, Organizational Behaviour, Banking, Risk Management & Commodity Derivatives	1	0	2	0	0
Reco	gnized Research Centres (C	ommerce)					
а	Mount Carmel College (Women's only)		2	1 1			1
b	St. Josephs College		3	1	1	1	1
40	Management (CBSMS)	Finance Markiting	0	1	0	0	0
Reco	gnized Research Centres (M	lanagement)		l.			
а	R.V. Institute of Management	Finance, Human Resource		No	o Vacan	ecy	
b	Adarsha Institute of Management College		2	ي	1		1
c	Surana College		1			1	
d	Oxford College		1			1	
$\frac{a}{e}$	Presidency College		2		<u> </u>		1
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FACULTY OF LAW		1			
41	Law	International Law, Business Law, Constitutional Law, Environmental Law, Labour Law, Intellectual Property Law, Environmental Law & Human Rights, Mercantile Laws, Criminal Law	3	2	3	0	1
		FACULTY OF EDUCATION					
42	Education	Circular Development, Psychological Foundation of Education, Computer Education, Advanced Methods of Teaching	1	0	0	0	0

Reco	gnized Research Centre (Ea	lucation)						
а	Vijaya Teachers College		1	1 1				
43	Physical Education			No Vacancy				
		FACULTY OF ENGINEERING	7					
44	Computer Science & Engineering	Computer Networks, Data Mining, Cloud Computing and Image Processing,	10	3	4	3	2	
45	Electronic & Communication Engineering		9	2	3	4	4	
46	Electrical Engineering	Power Electronics, Power and Energy Systems, VLSI Design	14	4	4	5	5	
47	Mechanical Engineering	Manufacturing Science, Advanced Material Technology, Machine Design & Materials, Thermal Science	16	4	11	15	12	
48	Civil Engineering	Environmental Engg, Structural Engg, Geotechnical Engg, Highway Engg, Earthquake Engg, Water Resource Engg, Construction Technology	32	18	18	19	13	

- **Note:** 1. The vacancy position is tentative and may vary. The exact number of vacancies will be announced prior to the date of counselling.
  - 2. Reservation in admission for SC/ST/Cat-I/persons with disability and OBC Candidates will be provided as per Clause 5 of the Ph.D Regulations 2013, governing the Degree of Doctor of Philosophy of Bangalore University/Government orders.
  - 3. Hostel facility subject to availability is only for candidates admitted to University P.G. Departments at Bangalore/Kolar.
  - 4. The Candidates of research centres (including Govt. colleges) are not eligible for hostel facility and other facilities such as scholarship/laptop, etc.
  - 5. Only the Women candidates are eligible to apply for women colleges and applications of men, if any, will be rejected.
  - 6. Research centres must strictly adhere to the UGC/BU Guidelines/ regulations issued from time to time in this regard.
  - 7. Management must give an undertaking stating that they will not relocate the Research Supervisor until the submission of the Ph.D thesis of the candidates working under the Research Supervisor.

- 8. In cases where there are not sufficient number of vacancies to cover all the reserved categories, then the seats under reserved category will be alloted in the following preferential order, SC/ST/Cat-I/2A/2B/3A/3B ensuring that all the categories are covered proportionately.
- 9. Research Supervisor must give an undertaking that they will not relinguish the Supervisor-ship under any circumstances until the submission of Ph.D thesis of the enrolled candidate.

## **Procedure for online Submission of Application Form:**

- Before filling the application, the candidates should read the Guidelines issued along with the notification.
- Candidates shall visit and browse the application form from the **website** *phd.bangaloreuniversity.ac.in* /*buphd.inhawk.com*.
- Candidates shall enter the required details in the Application Form and submit it online.
- For successful registration of application form, candidate shall upload a valid scanned copy of the recent passport size photo and signature.
- The candidates shall also upload the fee paid online/ Bank challan. The Hall ticket will be generated only to the candidates who had paid the fees online/ offline.
- After submission of the application form online, a confirmation e-mail will be sent to the
  registered e-mail address of the candidate. E-mail will contain the user name and
  password and other instructions to further proceed with the completion of registration
  process.
- Thereafter, the candidate shall download two sets of duly filled in application form and retain one set for their reference and one set to be sent to The Registrar (Evaluation), Ph.D Section, Pareeksha Bhavan, Jnanabharathi Campus, Bangalore University, Bengaluru 560 056.
- Incomplete/ineligible applications and applications received after the last date shall automatically stand rejected and no correspondence in this regard will be entertained.
- The admission tickets of the eligible candidates shall be downloaded between **24.05.2016** and **27.05.2016** by entering their date of birth or mobile number.

#### **Enclosures:**

- 1. The copies of the following documents shall be scanned and enclosed to the application form.
- 2. Copies of statement of marks of Master's degree and M.Phil. degree course work Part-I & II examinations (wherever applicable).

- 3. Copy of the Caste certificate in case of SC/ST/CAT-I and caste cum income certificates in the case of Category-I/II-A/II-B/III-A/III-B candidates/ in the case of HK reservation Hyderabad Karnataka region certificate and PH certificate indicating the percentage of disability in case of PH candidates.
- 4. Document pertaining to UGC/UGC-CSIR-JRF Test/NET/ K-SLET/K-SET/GATE (during validity period with required score) FIP/QIP/ Recognized young researchers by DST, UGC, CSIR, AICTE etc./ obtained M.Phil degree through regular course work and not through distance education mode/ project fellows in sponsored major research projects/ Foreign candidates fulfilling the requirement of eligibility vide, 4.1 & 4.2 of the Ph.D Regulations 2013, governing the Degree of Doctor of Philosophy (wherever applicable).
- 5. However, selected candidates have to submit Migration Certificate (outside Karnataka) and Eligibility Certificate (Foreign Students) at the time of registration.
- 6. Scanned copy of the latest passport size photograph on the application form.
- 7. Proof for having paid the required fees i.e. copy of bank challan.

#### **For clarifications Contact:**

- 1. The Chief Co-ordinator, Ph.D. Admissions, 2016: 080-22961206,
- 2. Dy. Registrar (Eval.): 080-22961207, Ph.D. Section: 080-22961242.
- 3. **Help Desk** Inhawk IT Solutions Pvt. Ltd.

Ph. No: 080-23590486.

E-Mail: <u>busupport@inhawk.com</u> and <u>www.inhawk.com</u>

#### Calendar of Events

candidates

1)	Issue of Application Forms	04.04.2016
2)	Last date for receipt of application	30.04.2016
3)	Date of Entrance Test	29.05.2016
4)	Announcement of key answers	30.05.2016
5)	Objections, if any, to be filed by the candidates for key answers	04.06.2016
	- with reference through <b>e-mail to:</b> <i>phd.bangaloreuniversity.ac.in</i> / to 5 p.m. only	<i>buphd.inhawk.com</i> up
6)	Announcement of provisional Eligibility List of qualified	17.06.2016

7) Date of Counselling / Admission

22.06.2016 to 30.06.2016

- In case, the last date declared is holiday, the next working day will be the last date.
- Applicants are required to enquire personally in the concerned Department and also check the websites for information regarding their selection and no correspondence will be entertained in this regard.

#### Sd/-

### **REGISTRAR (EVALUATION)**

## Copy to:

- 1. All the Chairpersons of the P.G. Department, BUB/ Principals of UVCE, UCPE, ULC, Recognized Research Centers.
- 2. All Deans, Bangalore University, Bengaluru
- 3. The Chief Co-Ordinator, Ph.D Admissions 2016 /D.R (E)/A.R (E), Exam Branch, BUB.
- 4. The Director, P. G Centre, Kolar, BUB.
- 5. The Manager, SBM, J.B Campus, Bengaluru.
- 6. The Finance Officer, BUB.
- 7. The Librarian, BUB.
- 8. The Director, Prasaranga, BUB.
- 9. The P.S.to VC/Registrar/Registrar (Eval.)/Finance Officer, BUB.
- 10. Office copy.