



**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY**

**DWARKA CAMPUS, SEC-16-C, NEW DELHI- 110 078**

WEBSITE: <http://www.ipu.ac.in>

**OFFICE OF THE DIRECTOR (RESEARCH & CONSULTANCY)**

Ph. # 011-25302123 email Id: [drcggsipu@gmail.com](mailto:drcggsipu@gmail.com)

## **ADMISSION TO Ph.D. PROGRAMME (2016-17)**

Information Technology, Computer Science & Engineering, Computer Applications, Electronics & Communication Engineering, Robotics & Automation, Civil Engineering, Environmental Engineering, Instrumentation & Control Engineering, Electrical Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Mechanical & Automation Engineering, Management, Chemical Technology, Bio-Technology, Environmental Sciences, Medicine & Paramedical Health Sciences, Mathematics, Chemistry, Physics, English, Law and Legal Studies, Education, and Mass Communication in different University School of Studies (USS) and Approved Research Centres (ARC).

### **ELIGIBILITY CRITERIA**

An applicant possessing any one of the following qualifications shall be eligible to apply for admission to Ph.D. programme in Guru Gobind Singh Indraprastha University.

- 1 The minimum eligibility for admission shall be a Master's Degree (M.Sc./M.A./M.Tech./LL.M./M.Ed./MBA/MCA) OR a post graduate degree approved by Association of Indian Universities/AICTE/ UGC/ NCTE/ Bar Council/ Pharmacy Council, or any other equivalent qualification in the relevant field with not less than 55% marks, with 5% relaxation for SC/ST and persons with disability, or as prescribed by UGC from time to time. For USM&PMHS applicants with MD/MS degree or applicants with MBBS degree with 55% or more marks in aggregate and a minimum of three years experience in a recognized Govt. Hospital/Organization shall be eligible for admission on recommendation of SRC. The 'equivalent' qualifications and 'relevant' field for admission to Ph.D. in a particular School/discipline shall be verified and certified by the Ph.D. admission committee of the concerned School/discipline at the time of the interview. Candidates must appear in a written entrance exam conducted by the University. Based on the performance in the written test, the list of candidates shortlisted by the Ph.D. admission committee to appear in the interview for admission to Ph.D. shall be displayed on the University website by the Dean of the concerned School.
- 2 Candidates who have cleared a national level examination like CSIR/UGC-NET-JRF/Lecturership, DBT-JRF, ICMR-JRF, or equivalent fellowship shall be deemed to have qualified the University's written test and can appear directly for interview. Candidates who have appeared in the above examinations but are awaiting results may also apply. However, they shall be required to produce a valid documentary evidence of having qualified the examination during the interview for Ph.D. admission. Candidates who have already initiated their fellowships in some other institutions and are interested to have their fellowships transferred to GGSIP University may also apply, provided the period of available fellowship is at least 4 years.
- 3 Foreign nationals who possess the educational qualifications as detailed in sl. no. (i) above, shall apply to the Director of International Affairs on a prescribed proforma, along with the application fee, translated and attested copies of certificates, passport and documents regarding curriculum and marks obtained in the qualifying exam, statement of purpose, research compatibility, financial support, language competency, etc.. Candidates will be shortlisted based on the criteria decided by the SRC of the concerned school.
- 4 Perspective Research Candidate generally shall not have completed an age of 55 years at the time of submission of application for admission to Ph.D. Programme. A relaxation in the prescribed age beyond 55 years can, however, be recommended by the SRC/BOS with appropriate justification recorded and for final approval by the Vice-Chancellor.

## **ADMISSION PROCEDURE**

All the applicants (**falling under categories as mentioned at sl. no. 1 above**) shall have to appear for Research Aptitude Test (RAT). RAT examination will comprise of two sections except for University School of Medicine & Para Medical Health Sciences (USMPMHS) as follows:

	<b>Max. Marks</b>	<b>Duration</b>	<b>Type of Test</b>
<b>Section – I</b>	200	1 hr	General Aptitude Test (GAT) Multiple Choice Questions (MCQ)
<b>Section – II</b>	400	2 hr	Subject Specific Test* (SST)

**\*Note:** Subject Specific Test will also be of Multiple Choice Questions except for University School of Humanities & Social Sciences (USHSS). For USHSS 50% questions will be MCQ type and remaining 50% questions will be subjective type.

Duration of test will be 3 hours. Each correct answer of MCQ type question shall be awarded 4 marks and for wrong answer 1 mark will be deducted.

- (i) For University School of Medicine & Para Medical Health Sciences (USMPMHS), Research Aptitude Test (RAT) will be of 3 hours with both sections comprising of General Aptitude Test (GAT) (Multiple Choice Questions only).
- (ii) In all University School of Studies (USS) RAT is a qualifying test and short-listing of candidates will be based on marks secured in RAT
- (iii) The shortlisted candidates will be called for an interview and final merit list will be prepared on the basis of marks secured in interview. RAT has to be conducted by GGSIP University. Codes for USS/ Subject Specific Discipline and syllabii for different Subject Specific Tests as given in Annexure – I is available on the University Website: <http://www.ipu.ac.in>.
- (iv) Original documents related to educational qualification will be verified at the time of interview.
- (v) A candidate working in an organization/institute shall produce "no objection certificate" from the employer at the time of interview.
- (vi) **Detailed schedule of Research Aptitude Test (RAT) is available at Annexure-II.**

## **IMPORTANT DATES**

<b>START DATE FOR RECEIPT OF APPLICATIONS:</b>	<b>10/03/2016 (Thursday)</b>
<b>LAST DATE FOR RECEIPT OF APPLICATIONS:</b>	<b>02/05/2016 (Monday) up to 4.00 PM</b>
<b>DATES OF RAT:</b>	<b>21/05/2016 &amp; 22/05/2016</b>

## **SUBMISSION OF APPLICATION FORM**

- ❖ All the candidates have to apply online for admission to Ph.D. programme by filling up the online application form as available on University website <http://www.ipu.ac.in> on the payment of Rupees One Thousand Only (₹: 1000/-) plus service charges and taxes as applicable as the application fee. Appearing in **RAT is mandatory for those applicants who are falling under categories as mentioned at sl. No. 1 above, however admit card would be issued to all the applicants including the exempted applicants. All the applicants need to download the admit card from the link used for filling up the application form using their respective login id and password. The applicants who are exempted from RAT should keep the admit card with them. The same has to be produced at the time of interview for such applicants who are falling under category as mentioned at sl. no. 2 above.** All the candidates are advised to take and retain a printout of the duly filled in application form. The link for filling up the online application is as follows:

Homepage: <http://www.ipu.ac.in>



Admission 2016



Apply Online

**Note: Last date for submission of online application form: 02/05/2016 up to 4.00 PM.**

### **Instructions for filling up Ph.D. Admission Form:**

1. The candidates must read all the important instructions before filling up the Application Form.
2. A detailed procedure for filling up the application form is available on University website <http://www.ipu.ac.in> under the link “Procedure to fill online application forms.”
3. The candidate should choose the “**exam category**” as “**Ph.D.**” in the online application form.
4. The candidate should enter his or her relevant details and upload a current clear photograph of size as mentioned with his or her scanned signature and left thumb impression.
5. Relevant course for RAT should be chosen and payment of application fee of ₹: 1000/- (Rs. One Thousand only) plus service charges and taxes as applicable must be made online.
6. List of the various disciplines/ slots offered for Ph.D. by various schools is available at University website <http://www.ipu.ac.in>.

**CODES OF THE UNIVERSITY SCHOOL OF STUDIES AND DIFFERENT DISCIPLINES ALONG WITH SYLLABI FOR SECTION – I AND II OF RESEARCH APTITUDE TEST (RAT)**

**SECTION – I**

**GENERAL APTITUDE TEST (GAT)**

**GAT is a Multiple Choice Questions (MCQ) type based on:**

- i) General Awareness,
- ii) English Language and Comprehension,
- iii) Numerical Ability and Data Interpretation,
- iv) Logical Reasoning.

**SECTION – II**

**SUBJECT SPECIFIC TEST SYLLABI/ MODE OF CONDUCT OF Ph.D. PROGRAMME**

<b>Sl. No.</b>	<b>Subjects*</b>	<b>Code*</b>	<b>Mode of Conduct</b>
1.	IT/CSE	211	Full Time/ Part Time
2.	ECE	212	Full Time/ Part Time
3.	Robotics & Automation	213	Full Time/ Part Time
4.	Management	221	Full Time/ Part Time
5.	Chemical Technology	231	Full Time/ Part Time
6.	Bio-Technology	241	Full Time
7.	Environmental Sciences	251	Full Time
8.	Civil Engg./ Environmental Engg.	261	Full Time/ Part Time
9.	Instrumentation & Control Engg./ Electrical Engg./ Electrical & Electronics Engg.	262	Full Time/ Part Time
10.	Mechanical Engg./ Mechanical & Automation Engg.	263	Full Time/ Part Time
11.	Medicine & Paramedical Health Sciences	271	Full Time/ Part Time
12.	Mathematics	281	Full Time
13.	Chemistry	282	Full Time
14.	Physics	283	Full Time
15.	English	291	Full Time
16.	Law and Legal Studies	301	Full Time/ Part Time
17.	Education	311	Full Time/ Part Time
18.	Mass Communication	320	Full Time/ Part Time

**Note:** 1. \*Subject codes/ Subject names to be used for filling On-line Application forms.

**SCHEDULE FOR RESEARCH APTITUDE TEST (RAT) 2015-16**

Sl. No.	Code	Subject	Date of Examination	Time of Examination
1	211	Information Tech./ Computer Sc. & Engg./ Computer Applications	21/05/2016 (Saturday)	10.30 AM to 1.30 PM
2	212	Electronics & Comm. Engg.	22/05/2016 (Sunday)	10.30 AM to 1.30 PM
3	213	Robotics & Automation	22/05/2016 (Sunday)	2.00 PM to 5.00 PM
4	221	Management	22/05/2016 (Sunday)	2.00 PM to 5.00 PM
5	231	Chemical Technology	21/05/2016 (Saturday)	10.30 AM to 1.30 PM
6	241	Bio-Technology	21/05/2016 (Saturday)	2.00 PM to 5.00 PM
7	251	Environmental Sciences	22/05/2016 (Sunday)	10.30 AM to 1.30 PM
8	261	Civil Engg./ Environmental Engg.	21/05/2016 (Saturday)	10.30 AM to 1.30 PM
9	262	Instrumentation & Control Engg./ Electrical Engg./ Electrical & Electronics Engg.	22/05/2016 (Sunday)	2.00 PM to 5.00 PM
10	263	Mechanical Engg./ Mechanical & Automation Engg.	22/05/2016 (Sunday)	10.30 AM to 1.30 PM
11	271	Medicine & Paramedical Health Sciences	22/05/2016 (Sunday)	2.00 PM to 5.00 PM
12	281	Mathematics	22/05/2016 (Sunday)	2.00 PM to 5.00 PM
13	282	Chemistry	22/05/2016 (Sunday)	10.30 AM to 1.30 PM
14	283	Physics	21/05/2016 (Saturday)	2.00 PM to 5.00 PM
15	291	English	22/05/2016 (Sunday)	10.30 AM to 1.30 PM
16	301	Law and Legal Studies	21/05/2016 (Saturday)	2.00 PM to 5.00 PM
17	311	Education	21/05/2016 (Saturday)	10.30 AM to 1.30 PM
18	320	Mass Communication	21/05/2016 (Saturday)	2.00 PM to 5.00 PM