

# Graphic Era University Dehradun



***For The Candidates who want to participate in***

***Graphic Era University Ph.D. Programme***

***(Application Form and Procedure for Admission to Ph.D.  
Programmes for the Academic session 2010-2011 and onwards)***

**APPLICATION FORM FOR Ph.D. ENTRANCE TEST (2010-2011)**



5. Category (SC/ST/OBC/GEN)

6. Sex: Male/Female

7. Date of Birth

8. Postal Address

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State

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Pin Code

e-mail if any

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Contact No

9. Enrolment No. at which he/she is enrolled in this University

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10. Present occupation (if in service) give address of the place where serving and no objection certificate (NOC) of the employer

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11. Qualifications :-

Examination Passed	Year	Marks obtained	Percentage	Subjects
High School				
Intermediate				
B.Sc/B.Com/B.Tech B.B.A./B.C.A.				
M.A./M.Sc./M.Com /M.Tech./M.B.A./ M.C.A.				
Any other				

- (1). Attach attested mark sheets of all the Examinations. No form will be accepted in the absence of certificates.
- (2). Candidates holding Master's Degree of other Universities must attach migration certificate at the time of submission of this form.

**DECLARATION:**

I shall abide by the rules and regulations of the University. I shall not indulge in any activity affecting the stature and prestige of the University.

If any of the entries made by me in this form are found to be false, my admission may be cancelled.

I certify that the particulars given above are correct.

Date .....

Place .....

Signature of Candidate and Full Name

## **Procedure for Admission to Ph.D. Programmes for the Academic session 2010-2011 and onwards**

1. The last date for submission of Ph.D. form for the session 2010-2011 is **31 August, 2010.**
2. There shall be a Combined Admission Test for admission to Ph.D. Courses in every Faculty.  
The candidates who obtain 55% marks in □ aggregate in post-graduate examination shall be eligible to appear at Common Admission test for admission to Ph.D in all faculties .

3. The Combined Admission Test shall consist of two papers, **Paper I and II.**

### **□ Paper-I (duration: 2Hours)**

- a. It shall contain 100 objective type multiple-choice questions (MCQ's) with no negative marking
- b. The maximum marks shall be 100.
- c. There shall be three sections in Paper-I. The following will be the distribution and weightage of each section.
  - Reasoning (35%)
  - General Aptitude (40%)
  - English Language (25%)

### **Paper-II (duration:2 hours)**

- a. Paper-II shall be of 100 marks containing
  - i) 50 objective type multiple-choice questions (MCQ's) totaling to 50 marks with no negative marking.
  - ii) 10-20 short answer subjective type questions totaling to 50 marks. These questions will be exclusively based on specialization. (For example, if there are three specializations in a department then there will three sets of short answer questions meant for each specialization and the student has to answer only one set corresponding to his choice of specialization)

b. The questions in this paper will be of post-graduate level. Students may apply for admission in different departments in different faculties. For such cases the student will be asked to appear in the main department. The marks obtained by the student will be considered in other faculty where he/she will only have to appear for the interview. The Deans of respective faculties will identify the departments within their faculty and outside of their faculty.

4. The cut-off merit shall be decided by the University. The candidate securing marks in accordance with the cut-off merit shall be called for Interview. Final cut off merit shall be decided on the basis of number of research seats available.

5. The final merit list of the candidates appearing at the Admission Test shall be prepared as per the following weightages:

### **Test Component Weightage**

**Admission Test : 50%**

**Interview : 25%**

**Qualifying Examination : 25%**

6. The cut-off marks in the final merit shall be 40% of the aggregate of the above-mentioned three components.

**7. Qualifying Combined Admission Test shall not be the guarantee to get admission to Ph.D. Courses.** The admission shall be offered to the selected candidates as per the existing Ordinances after the approval of the RDC. **The scholarship is not guaranteed to all the admitted students.**

8. Those students who are pursuing M.Phil. or have been awarded M.Phil degree shall have to appear at CAT for admission to Ph.D.

9. The candidates who qualify JRF or NET shall be exempted from appearing at the Combined Admission Test but they will have to appear for the interview. The preference shall be given to JRF qualified students as they will bring with them the scholarship.

10. Foreign candidates are exempted from appearing at the Combined Admission Test and interview. In case of foreign students from non English speaking countries, the students will have to qualify an English

proficiency test. In case the student fails to qualify this test he will have to clear English language course of six months duration.

## **Syllabus of Combined Test**

### **Paper-I**

#### **Reasoning**

##### ***Verbal reasoning***

1. Analogy: A particular relationship is given and another similar relationship has to be identified from the alternatives provided.
2. Classification: Assort the items of a given group on the basis of certain common quality they possess and then spot the odd option out.
3. Series Completion: Given a series of numbers or letters, it is required to complete the series or find out the wrong part in the series.
4. Logical Deduction.

##### ***Non-verbal reasoning***

1. Pattern Perception: A certain pattern is given and generally a quarter is left blank. It is required to identify the correct quarter from the given four alternatives.
2. Figure Matrix: More than one set of figures is given in the form of a matrix, all of them following the same rule. The candidate is required to follow the rule and identify the missing figure.
3. Rule Detection: Given a particular rule and sets of figures, it is required to select a set of figures which obeys the rule and forms the correct series.

#### **General Aptitude**

1. Data Sufficiency.
2. Data Interpretation: Tabulation, Bar diagrams, Pie-Charts, Cartesian Graphs.
3. Set Theory.
4. Binary Numbers.
5. Combinatorics Permutation and combination, Recurrence relations, sum and product rules, principles of exclusion and inclusion, pigeon-hole principle.
6. Probability and statistics Mean, median, mode, basic notion of probability, expectation, variance and standard deviation, discrete and continuous

probability distributions, binomial, Poisson's and normal distributions, conditional probability and Bayes' theorem.

### **English Language**

1. Comprehension: Reading comprehension, Deriving conclusion from the passage.
2. Vocabulary : Synonyms, antonyms, analogy, odd-man out, idioms and phrases.
3. Grammar : Spotting errors, Phrase/Sentence improvement, Arrangement.

### **Paper-II**

The paper-II will be dealt by the Dean and the HOD of the concerned department.

**Important Note:** The number of seats available and the relevant topics of Research in the particular department will be declared time to time by the HOD and the Dean of the faculty. The candidate is advised to contact the HOD and Dean before preparing for the admission test.