OVERVIEW

The JECRC University Ph.D Programme is structured on the new UGC guidelines of Ph.D. programmes. JU envisages high standard of research and academic integrity so that the Ph.D. degree is also of global standard. The objectives of the Ph.D programme are to impart research training to the scholar and prepare him/her to carry on independent investigation and original research and to enable them to make a significant contribution to knowledge in their respective field and profession. The training programme shall ensure that it is not an end in itself, but a means for a fruitful research career.

Currently, JU is providing admission to the Ph.D. programme for full-time and part-time research in almost all subjects in Engineering, Sciences, Management, Commerce, Humanities , Law, Journalism and Mass Communication.

ELIGIBILITY

Candidates who have qualified for the Master's degree from any academic institution recognized by UGC (with not less than 55% of marks, or a CGPA of 5.5 and above in the 10 point scale) are eligible to register for Ph.D. at JU. SC/ST/OBC(non-creamy layer) in the faculties of Engineering, Management, Science, Law and Journalism & Mass Communication. Differently abled candidates are eligible for 5% exemption from the prescribed minimum marks. In case of candidates holding a qualifying degree from foreign universities, registration for Ph.D. will be confirmed after determination of equivalence by the University Research Committee (URC). A candidate would be allowed to register for Ph.D. in a department relevant to his/her field of study, but the degree would be awarded from the Faculty in which he/she has got his/her PG degree. Candidates who qualify UGC-NET (including JRF)/UGC-CSIR NET (including JRF) / SLET / GATE / teacher fellowship holder or have passed M.Phil programme are exempted from the entrance examination. Master's degree qualifying marks; 55% marks OR 5.5 CGPA and above in the 10 point scale. 50% marks and above for SC/ST/OBC (non-creamy layer), Differently Abled.

SELECTION PROCESS

Selection of research scholars shall be based on the performance in both written test and interview to be conducted by the University twice in a year (June and December).

Application for Ph.D. Program

Application Availability	https://jecrcuapplication.jecrcuniversity.edu.in/
Form Fee	Rs. 1500
Last Date to Fill Application Form Online	21 May 2019

Ph.D at JECRC University

Duration and Mode	Three Years : Full/Part Time Program
Program Fee	Rs. 30,000 Per Annum (Two Semesters)
Departments / Specialization	**ENGINEERING** 1. Civil Engineering 2. Computer Science Engineering 3. Electronics & Communication Engineering 4. Electrical Engineering 5. Mechanical Engineering **SCIENCE** 1. Physics 2. Chemistry 3. Mathematics 4. Biotechnology 5. Zoology 6. Botany 7. Microbiology **MANAGEMENT** 1. Human Resource Management 2. Finance 3. Marketing 4. Information Technology 5. Operations Management **LAW** 1. Corporate Law (Business & Company Law) 2. Technology Law (IPR & Cyber Law) 3. Administrative Law 4. Criminal Law

	JOURNALISM & MASS COMMUNICATION 1. Print Media 2. E-Media & Technology in JMC (Hindi Medium is exclusively permitted for Ph.D Thesis/Dissertation for JMC)

General Information about Entrance Test for Ph.D. Program

General	Question Paper will be only in English
Mode & Duration	Online ; 1 : 30 Hours
Question Type	Objective Type Multiple Choice Question (MCQ) PART A – Research Methodology (Common to All) PART B – Subject /Specialization (As per syllabi of PG level, Concerned Subject/Branch/Specialization)
Marks for correct answer	4 Marks
Marks for wrong answer	No Negative Marking
Test Dates	**May 26, 2019**

Test Centres for Ph.D. Program

Rajasthan	JECRC University, Jaipur
New Delhi	New Delhi
Uttarpradesh	Ghaziabad

SYLLABUS

(PART – A: Research Methodology)

Research – Qualities of Researcher – Components of Research Problem – Various Steps in Scientific Research – Types of Research – Hypotheses Research Purposes - Research Design – Survey Research – Case Study Research. Data Collection and interpretation, – Sources of Data – Primary Data – Secondary Data - Procedure Questionnaire – Sampling Methods – Merits and Demerits – Experiments – Observation Method – Sampling Errors - Type-I Error & Type-II Error. Statistical Analysis – Introduction To Statistics – Probability Theories – Conditional Probability, Poisson Distribution, Binomial Distribution and Properties of Normal Distributions – Hypothesis Tests – One Sample Test – Two Sample Tests / Chi-Square Test, Association of Attributes - Standard Deviation – Co-Efficient of Variations . Statistical Applications – Correlation and Regression Analysis – Analysis of Variance – Partial and Multiple Correlation – Factor Analysis and Conjoint Analysis – Multifactor Evaluation – Two Factor Evaluation Approaches. Research Reports – Structure and Components of Research Report – Types of Report, Characteristics of Good Research Report, Pictures and Graphs, Research Ethics, Purpose of organizing seminars, conferences etc. Basics of computers and computer languages. Logic and Reasoning

Contact Details

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