



# INTEGRAL UNIVERSITY

## इंटीग्रल विश्वविद्यालय

Accredited by NAAC. Approved by the University Grants Commission under Sections 2(f) and 12B of the UGC Act, 1956, MCI, PCI, IAP, BCI, INC, CoA, NCTE, DEB & UPSMF. Member of AIU. Recognized as a Scientific & Industrial Research Organization (SIRO) by the Dept. of Scientific and Industrial Research, Ministry of Science & Technology, Government of India.

### Admission Notification for Ph.D. Program (Session: 2021-22)

Integral University will conduct the Entrance Test for Ph.D as per the information given below:

#### Schedule of Written Test:

- **Date:** August 14, 2021 (Saturday)
- **Time of Entrance Test:** 11:00 am to 12:30 pm (90 Minutes)
- **Venue:** Integral University Campus.

**Presentation & Personal Interview for Entrance Test Qualified & Exempted Candidates:** Date and Time will be announced separately on the Admission Notice Board of the University website after the declaration of Ph.D. Entrance Test result on August 23, 2021 (Monday)

Applications are invited from eligible candidates for Admission in Ph.D Program in the following area of specialization/s against limited seats:

S. No.	Faculty of Study	Department	Specialization/s
1.	Engineering	Computer Science & Engineering	Cloud Computing & Software Engineering, Soft Computing, Computer Network Security, Text Mining, Computer Networks, Big Data Analytics, Distributed Networks, Data Mining and Ware Housing, Mobile Networks, Digital Image Processing & allied disciplines.
2.	Engineering	Electronics & Communication Engineering	Solar Engineering, Image Processing and Digital Communication, Signal Processing, Digital Image Processing, Laser Technology, VLSI Technology, Wireless Communication, Opto Electronics, Image/Optical Processing, Bio-Signal Processing & allied disciplines.
3.	Engineering	Electrical Engineering	Image and Video Processing, Power Systems and Drives, Renewable Energy Systems, Forecasting, Fuzzy Logic, Power Electronics, Measurements and Instrumentation, Multilevel Converters, Instrumentation & Control, Multilevel Inverter, Machines & Power Systems, Renewable Energy, Control System & allied disciplines.
4.	Engineering	Mechanical Engineering	Production & Industrial Engineering, Design Engineering & allied disciplines.
5.	Engineering	Bioengineering	Bioinformatics, Microbiological Engineering, Biotechnology, Cancer Biology, Environmental Biotechnology, Molecular & Cell Biology, Nanobiotechnology, Enzyme Technology, Nanoformulations, Natural Products and their pharmacological activities, Plant & Algal Biotechnology, Plant Biochemistry,

			Plant Biotechnology, Plant Physiology, Food Biotechnology, Food Technology & Management, Food Safety & Management, Food Process Engineering & Management, Food Technology, Agriculture & Food Engineering, Chemical Engineering, Biochemical Engineering, Bioprocess Engineering & allied disciplines.
6.	Engineering	Civil Engineering	Environmental Science and Engineering & allied disciplines.
7.	Science	Environmental Science	Floral, Faunal & Aquatic Biodiversity, Wildlife, Climate Change, Environmental Pollution & Impact Assessment, Forestry Carbon Inventorization, Remote Sensing & GIS, Solid Waste Management, Bioremediation, Heavy Metal Pollution, Exploration of Biodiversity, Air, Water & Soil Pollution And Management, Microbial Reclamation Of Heavy Metals., In Vitro Plant Tissue Culture, Transgenic, Conservation of Biodiversity, Plant Biotechnology, Aquatic Toxicology, Heavy Metal Toxicity And Carcinology & allied disciplines.
8.	Science	Biosciences	Virology, Molecular Biology of Infectious Disease, Environmental Molecular Biology, Neuroscience & allied disciplines.
9.	Science	Physics	Condensed Matter Physics, Liquid Crystals, Density Functional Theory, Quantum Chemical Calculations, Ceramics and Glass Ceramics, Theoretical Condensed Matter Physics: Strongly Correlated Nanoscale Systems, Exact Diagonalization, Transport in Quantum Dots, Nanotubes and Molecular Structures & allied disciplines.
10.	Science	Mathematics & Statistics	Fluid Dynamics, Differential Geometry, Operations Research, Numerical Analysis, Approximation Theory, Special Functions Algebraic Structures, Fuzzy Algebraic Structures, Advanced Linear Algebra, Integral Transforms, Fractional Calculus & Special Functions & allied disciplines.
11.	Science	Chemistry	Peptide Chemistry, Organic Chemistry, Medicinal Chemistry, Material Science, Nano Science, Computational Chemistry, Environmental Chemistry, Co ordination and Environmental Chemistry, Polymer Chemistry & allied disciplines.
12.	Education	Education	Educational Psychology, Educational Technology, Measurement and Evaluation, Educational Philosophy, Correlation of Achievement, Curriculum Development & allied disciplines.
13.	Pharmacy	Pharmacy	Pharmaceutical Chemistry, Pharmacognosy and Phytochemistry, Pharmaceutics, Pharmacology Pharmacy Practice & allied disciplines.
14.	Health & Medical	Medical Biochemistry	Medical Biochemistry & allied disciplines.



*[Handwritten Signature]*

	Sciences		
15.	Health & Medical Sciences	Medical Microbiology	Medical Microbiology & allied disciplines.
16.	Health & Medical Sciences	Medical Anatomy	Medical Anatomy & allied disciplines.
17.	Health & Medical Sciences	Physiotherapy	Physiotherapy & allied disciplines.
18.	Health & Medical Sciences	Medical Physiology	Medical Physiology & allied disciplines.
19.	Computer Application	Computer Application	Machine Learning, Data Mining, Requirement Engineering & allied disciplines.
20.	Commerce & Management	Commerce and Business Management	HRM, Finance and International Trade, Marketing & Finance, Marketing, Finance & Banking, Marketing & International Business, Finance, General Management, International Business & allied disciplines.
21.	Humanities & Social Science	Languages	American Literature and Composite Studies, Feminism, African Literature in English, Poetry, Gender Studies, African American Literature, Post Modernist Discourse, Feminist Pedagogy, Queer Studies, Diaspora Writing, 16 <sup>th</sup> & 20 <sup>th</sup> Century English Literature, American Literature, 19 <sup>th</sup> & 20 <sup>th</sup> Century English Literature, Literary Theory & Criticism, Diaspora & allied disciplines.
22.	Humanities & Social Science	Sociology	Urban Sociology, Rural Sociology, Sociology of Globalization, Women Studies & allied disciplines.
23.	Architecture & Planning	Architecture	Architecture, Architecture and Planning & allied disciplines.
24.	Agricultural Science & Technology	Agriculture	Agricultural Engineering, Agribusiness Management, Agricultural Biotechnology, Agricultural Botany, Molecular Biology, Agricultural Chemistry, Agricultural Economics, Agricultural Marketing and Communication, Agricultural Microbiology, Agroforestry, Agronomy, Apiculture, Forest Genetic Resources, Olericulture, Plant Breeding, Plant Genetic Resources, Plant Genetics, Plant Pathology, Plant Protection, Soil Chemistry, Soil Physics, Soil Science, Vegetable Breeding, Entomology, Agricultural Entomology, Agricultural Nanotechnology, Pomology, Post Harvest Technology, Agricultural Biotechnology, Genetics, Genetic Engineering, Agricultural Extension, Extension Education, Agricultural Extension and Communication, Agricultural Biochemistry, Soil Biochemistry, Agri-Informatics, Bioinformatics, Animal Husbandry, Dairying, Livestock Production and Management & allied disciplines.



*Handwritten signature in blue ink.*

25.	Law	Law	Criminal Law, Cyber Law, Health Law, Corporate Law, Environmental Law, Human Rights & allied disciplines.
-----	-----	-----	---

**Eligibility:**

1. Full Time Master Degree in relevant discipline or a professional degree declared equivalent to Master's Degree by the corresponding statutory regulatory body with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational institution accredited by an Assessment and Accreditation Agency, which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of education institutions.
2. First Division of 60% marks in aggregate or its equivalent grade 'A' in the UGC 7-point scale in M.Tech, MBA, MCA, M.Pharm, M.Arch., MD, MS, DM, MCH, MPTH, Diplomate / Fellow of NBE or equivalent qualification in a relevant shall be considered as minimum qualification for admission to Ph.D. Program in respective area of specialization.
3. For admission in the Faculty of Agricultural Science & Technology, the candidate should have a regular Master Degree in Agriculture or in relevant subject/ discipline with atleast 5.50 OGPA on 10 point scale or equivalent in percentage of marks from a recognized University.
4. A relaxation of 5% of marks, or equivalent relaxation of grade, may be allowed to those belonging to SC/ST/OBC (non-creamy layer)/ Differently-abled and other categories of candidates as per the decision of the UGC from time to time. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based on the quality marks without including the grace mark procedure.

For further details, please refer to the Ph.D Ordinance on our website (<http://iul.ac.in/dsr/index.aspx>)

**Application:**

- a) Hard copy of Application Form in prescribed format must reach to the address provided below on or before August 7, 2021 (Saturday). The envelope containing the application should be super-scribed "Application for Ph.D Program (2021-2022)" and must be addressed to:

**The Directorate of Admissions & Academics,  
Integral University,  
Dasauli, P.O. BAS-HA,  
Kursi Road, Lucknow - 226026 (INDIA), PH.: +919335177775**

- b) Applicants can also apply online using below link.

<http://iul.ac.in/AdmissionForm.aspx>



*Handwritten signature in blue ink.*

- Applicant must ensure that the soft copies of all the documents are uploaded along with the Application form in both the category (Entrance Test /Exempted)
- c) Application Form and Processing Fee is Rs. 1000/-.

**Written Entrance Test (Max Marks: 140):**

The written entrance test will comprise of the following components:

**Paper 1 (70 Marks)**

**a. Research Methodology (35 Marks):**

10 Multiple Choice Questions (MCQ's) of 2 marks each and 3 Subjective Questions of 5 marks each.

**b. Research & Publication Ethics (35 Marks):**

10 Multiple Choice Questions (MCQ's) of 2 marks each and 3 Subjective Questions of 5 marks each.

**Paper 2 (70 Marks)**

**Departmental Paper:** 35 Multiple Choice Questions (MCQ's) of 2 marks each.

Candidates will have to score at least 50% marks in the written entrance test to qualify for the Presentation & Personal Interview.

**Exemption from Entrance Test:**

1. Candidates who have qualified with valid score in UGC NET/JRF, CSIR NET/JRF, ICAR NET /SLET, GATE, GPAT examination or Teacher fellowship holder.
2. Candidates who have successfully completed regular M.Phil. Program from a recognized University/Institution.

**Presentation & Personal Interview (Max Marks: 60):**

All candidates who qualify in the Ph.D. Entrance Test along with the exempted candidates shall appear in the Presentation & Personal Interview before Research and Development Sub-Committee (RDSC) of the University.

The Department wise schedule of RDSC meeting shall be uploaded on the University website after the declaration of Ph.D. Entrance Test result on August 23, 2021 (Monday)

**Presentation:** The candidates are required to give a Power Point Presentation of not more than 8 slides. This Presentation must include tentative Title of proposed research work, Introduction, Objectives, Hypothesis, Methodology, Work Component and Bibliography. The Presentation will be of 30 Marks.

**Personal Interview:** The candidates shall be examined for the subject knowledge, competency, feasibility and outcome of proposed research work. The Personal Interview will be of 30 Marks.

**Announcement of Final List of Selected Candidates:**

For the final selection of candidates, a weightage of 70% to the Entrance Test and 30% to the performance in the Presentation & Personal Interview shall be taken into consideration.



The final list of selected candidates shall be displayed on the Admission Notice Board of the University (Website: <http://iul.ac.in>) tentatively on September 18, 2021 (Saturday)

**Fee Structure:**

1. Application Form & Processing Fee: Rs. 1000/-
2. Annual Fee: Rs. 50,000/-

If candidate wishes to use laboratory facilities, below mentioned additional fees will be applicable:

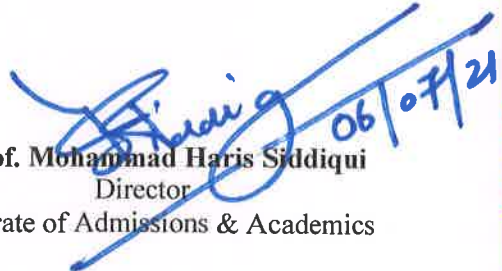
- 1) Chemical Fee: Rs. 25,000/-
  - 2) Security Fee: Rs. 10,000/- (Refundable)
3. Thesis Submission & Plagiarism Check Fee : Rs. 17,500/-

**Duration of Ph.D Program: (As per UGC Regulation, 2016)**

1. The duration of the Program for a candidate shall be counted from the date of admission.
2. For full time candidates, duration of Ph.D. program shall be minimum three and maximum five years, including course work. The corresponding period for the part time candidates shall be four and six years, respectively.

For further details, please refer to the Ph.D. Ordinance on our website (<http://iul.ac.in/AdmissionForm.aspx>)



  
Prof. Mohammad Haris Siddiqui  
Director  
Directorate of Admissions & Academics

Date: July 6, 2021