



INTEGRAL UNIVERSITY

इंटीग्रल विश्वविद्यालय



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: 2024-25)

Date of Notification: June 29, 2024

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

Schedule of Written Test:

- **Date:** July 29, 2024 (Monday)
- **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 05, 2024 (Monday).

| S.no. | Faculty of Study | Department | Specializations |
|-------|--------------------------------------|---|---|
| 1 | Engineering & Information Technology | Computer Science & Engineering | Network Security, Light Weighted Devices, Cloud Computing, Distributed Machine Learning System & Artificial Intelligence and Data Science, Computer Networks, Software Engineering, Software Engineering and Soft Computing, Software Engineering & Project Management, Computer Network, Mobile Computing, Data Mining, Image Processing, Machine Learning & Allied Disciplines. |
| 2 | Engineering & Information Technology | Electronics & Communication Engineering | Sensors and Transducers, Signal and Image Processing, Solar Photovoltaic Systems, VLSI, Image Processing, Optical Electronics and its Applications, Application of Bio-Signals, Image and Video Processing, & Allied Disciplines |
| 3 | Engineering & Information Technology | Electrical Engineering | Industrial Control and Automation, PID Controller, Sliding Mode Controller Power System & Drives, Renewable Energy Systems, Forecasting Image & Video Processing, Multilevel Converters, Instrumentation & Control, Multilevel Inverter, Machines & Power System, Power Electronics & Allied Disciplines. |
| 4 | Engineering & Information Technology | Mechanical Engineering | Production & Industrial Engineering, Thermal Engineering, Design Engineering, Solid Mechanics Material Science & Corrosion Engineering & Allied disciplines. |
| 5 | Engineering & Information Technology | Bioengineering | Algal Biotechnology & Stress Biochemistry, Plant Biotechnology, Natural products, Nano formulations, cancer biology, Biochemistry, Microbial Biotechnology, Plant Physiology, Bioinformatics, Biochemical Engineering, Food Biotechnology, Food Process Engineering, Food Technology, Biomedical Engineering, Nanomedicine, Glycation Biology, Cyanobacterial Biotechnology, Molecular Biology of Cancer and Biodegradable Plastic & Allied Discipline. |
| 6 | Engineering & Information Technology | Civil Engineering | Environmental Engineering & Allied Disciplines. |
| 7 | Engineering & Information Technology | Computer Application | Software Engineering, Data Mining, Machine Learning, Security Testing, Machine Learning, Data Science & Allied Disciplines. |

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|----|-----------------------------------|----------------------------------|---|
| 8 | Science | Environmental Science | Wildlife, Climate Change, Ecology, Faunal & Aquatic Biodiversity and Remote Sensing etc., & Allied Discipline. |
| 9 | Science | Biosciences | Bionanotechnology and Microbiology, Entomology, Biological Control, Weed and Insect Management, Cyanobacterial Biotechnology, Cancer Biology, Bionanotechnology, Plant Tissue Culture, Stem Cell Research, Neurobiology, Plant Molecular Biology/Biochemistry, Plant Microbe Interaction, Postharvest, Clinical Microbiology, Neurosciences & Allied Disciplines. |
| 10 | Science | Physics | Computational Materials Science, Organic Electronics, Vibrational Dynamics and Conformational Transitions in Macromolecules, Material Science, Experimental Condensed Matter Physics, Theoretical Condensed Matter Physics, Cosmology, Dark Energy, Modified Gravity & Allied Disciplines. |
| 11 | Science | Mathematics & Statistics | Fluid Dynamics, Differential Geometry, Statistics & Operation Research, Numerical Analysis, Approximation Theory, Special Functions, Algebra, Linear Algebra, & Allied Disciplines. |
| 12 | Science | Chemistry | Medicinal Chemistry, Organic Medicinal and Computational Chemistry, Environmental Chemistry, Coordination and Environmental Chemistry, Phytochemistry & Allied Discipline. |
| 13 | Education | Education | Educational Psychology, Educational Technology, Women Education, Special Education, Curriculum Studies, Language Education, Special Education, Policy Research and Analysis, & Allied Disciplines. |
| 14 | Pharmacy | Pharmacy | Pharm. Chemistry, Pharmacology, Pharmacy Practice, Pharmaceutics, Pharmacognosy & Allied Disciplines. |
| 15 | Medicine & Health Sciences | Medical Biochemistry | Medical Biochemistry & Allied disciplines. |
| 16 | Medicine & Health Sciences | Medical Microbiology | Medical Microbiologist & Allied Disciplines. |
| 17 | Medicine & Health Sciences | Medical Anatomy | Medical Anatomy & Allied Disciplines. |
| 18 | Medicine & Health Sciences | Medical Physiology | Medical Physiology & Allied Disciplines. |
| 19 | Commerce & Management | Commerce and Business Management | Human Resource, Marketing, Finance/HR, General Management/HR, Marketing/ IB, General Management, Finance, Economics, Finance, HR. & Allied Discipline. |
| 20 | Humanities & Social Sciences | Languages | English Literature & Allied Discipline. |
| 21 | Humanities & Social Sciences | Sociology | Sociology of Globalization, Urban Sociology, Rural Sociology & Allied Discipline. |
| 22 | Humanities & Social Sciences | Political Science | International Relation, Political Theory, Human Rights and Indian Politics Public Administration, Indian Administration & Public Policy & Allied Discipline. |
| 23 | Humanities & Social Sciences | Psychology | Clinical Psychology, Personality, Organizational Behavior & Allied Discipline. |
| 24 | Humanities & Social Sciences | Economics | Applied Economics, Entrepreneurship, MSMEs, Banking, Economic Growth and Development, Indian Economy, Foreign Trade, Consumer Behaviour and changes & Allied Discipline. |
| 25 | Humanities & Social Sciences | History | Ancient History, Medieval History, Modern History, World History & Allied Discipline. |
| 26 | Agricultural Science & Technology | Agriculture | Agricultural Biotechnology, Plant Protection (Entomology), Agricultural Extension, Agribusiness Management, Soil Chemistry, Bio-informatics & Agri-Informatics, Agroforestry, Horticulture (Vegetable Science), Genetics & Plant |

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|----|----------------------------|--------------------|--|
| | | | Breeding, Soil Science, Agricultural Economics & Business Management, Animal Husbandry and Dairying (Dairy Technology), Agribusiness Management, Agricultural Economics & Agribusiness Management, Agrometeorology, Plant Physiology, Animal Genetics & Breeding, Entomology & Allied Disciplines. |
| 27 | Law | Law | Law & Allied Discipline |
| 28 | Medicine & Health Sciences | Radiology | Radiology & Allied Disciplines. |
| 29 | Medicine & Health Sciences | Ophthalmology | Ophthalmology & Allied Disciplines. |
| 30 | Medicine & Health Sciences | Pharmacology | Pharmacology & Allied Disciplines. |
| 31 | Medicine & Health Sciences | Pathology | Pathology & Allied Disciplines. |
| 32 | Medicine & Health Sciences | Community Medicine | Community Medicine & Allied Disciplines. |
| 33 | Medicine & Health Sciences | Forensic Science | Forensic Science & Allied Disciplines. |
| 34 | Medicine & Health Sciences | Obst & Gynaecology | Obst & Gynaecology & Allied Disciplines. |
| 35 | Medicine & Health Sciences | Surgery | Surgery & Allied Disciplines. |

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

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. In addition, for admission in the Departments of Bioengineering, Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Communication Engineering & Mechanical Engineering, the candidate with a B.Tech Degree with minimum 75% marks or 7.5 G.P.A on 10 point scale along with two (2) years of professional experience are also eligible to apply.
5. 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 July 22, 2024 (Monday). The envelope containing the application should be super-scribed "Application for Ph.D Program (2024-2025)" 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>

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.

Note: However, all applicants shall have to compete through Integral University Entrance Test of Ph.D. program for the award of Integral Research Fellowship (IRF) being earmarked for the toppers of the aforementioned entrance test in each discipline.

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 5, 2024 (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 19 August 2023 (Monday).

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
Admissions & Academics

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Directorate of Admissions & Academics
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