



# INTEGRAL UNIVERSITY

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Recognized as a Scientific & Industrial Research Organization (SIRO) by the Dept. of Scientific and Industrial Research, Ministry of Science & Technology, Government of India.

Revised

## Revised Admission Notification for Ph.D. Program (Session: 2020-21)

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

**Schedule of Entrance Test:** September 8, 2020 (Tuesday) at Integral University Campus.

- **Written Entrance Test:** 11:00 am to 12:30 pm (90 Minutes)
- **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 September 18, 2020 (Friday)

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	Software Engineering & Cloud Computing, Soft Computing, Computer Networks & Security, Data Mining, Distributed Systems, Wireless Networks, Big Data Analytics, Digital Image Processing and allied disciplines
2.	Engineering	Electronics & Communication Engineering	Solar Photo Voltaic Systems, Sensors and Instrumentation, Signal and Image Processing, VLSI and allied disciplines
3.	Engineering	Electrical Engineering	Image and Video Processing, Internet of things, Power Systems and Drives, Renewable Energy Systems, Forecasting, Fuzzy Logic, Power Electronics, Measurements and Instrumentation, Multilevel Converters, Instrumentation & Control, Multilevel Inverter, Machines & Power Systems and allied disciplines
4.	Engineering	Mechanical Engineering	Production Engineering, Machine Design, Manufacturing, Thermal Engineering, Quality Management and 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



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6.	Engineering	Civil Engineering	Structural Engineering
7.	Science	Environmental Science	Wildlife Conservation, Climate Change, Faunal, Floral & Aquatic Biodiversity, Environmental Pollution, Environmental Impact Assessment (EIA), Forestry Carbon Inventorization, Remote Sensing & GIS, Solid Waste Management & Bioremediation, Heavy Metal Pollution, Exploration of Biodiversity, Air Pollution and Management, Water Pollution and Management & Soil Pollution and Management & allied disciplines
8.	Science	Biosciences	Immunobiochemistry, Clinical Biochemistry & Natural Products, Cancer Biology, Phytotherapy, Microbiology, Nanobiotechnology, Biochemistry, Entomology: Biological Control, Biodiversity Assessment, Cytology and Physiological Stress, Biotechnology, Molecular Biology, Plant Biochemistry, Zoology, Plant Molecular Biology, Biotechnology, Microbiology & allied disciplines
9.	Science	Physics	Vibrational Dynamics of Polymers, Condensed Matter Physics, Material Science, Density Functional Theory, Experimental and Theoretical (Specially Spectroscopy and Quantum Chemical), Calculations of Pharmaceutical Compounds & allied disciplines
10.	Science	Mathematics & Statistics	Differential Geometry, Variational Inequalities and Boundary Value Problems, Fluid Dynamics, Operations Research, Statistics, Numerical Analysis, Derivations in Ring Theory, Approximation Theory, Special Functions, Abstract Algebra & allied disciplines
11.	Science	Chemistry	Organic Chemistry, Medicinal Chemistry, Synthetic Chemistry, Analytical Chemistry, Computational Chemistry, Environmental Chemistry, Nanomaterials Electro Analytical Chemistry, Polymer Chemistry, Physical Chemistry & allied disciplines
12.	Education	Education	Educational Psychology, Curriculum Studies, Educational Technology, Educational Measurement and Evaluation, New Trends in Education & allied disciplines
13.	Pharmacy	Pharmacy	Pharmaceutical Chemistry, Pharmacognosy & Phytochemistry, Pharmaceutics, Pharmacology, Pharmacy Practice & allied disciplines
14.	Health & Medical Sciences	Medical Biochemistry	Medical Biochemistry & allied disciplines
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	Requirement Engineering, Cyber Security, Web Mining, Web Crawlers, Software Engineering, Web Designing, Big Data, Data Mining, Image Processing, Software Security & allied



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			disciplines
20.	Commerce & Management	Commerce and Business Management	Finance and International Business, Marketing, General Management & 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, 19 <sup>th</sup> & 20 <sup>th</sup> Century English Literature, Literary Theory & Criticism, Diaspora & allied disciplines
22.	Humanities & Social Science	Sociology	Globalization, Culture Issues, Rural Sociology, Ageing & Health issues, Weaker Section and Minorities, Women Issues & allied disciplines
23.	Architecture & Planning	Architecture	Environmental Planning & Design, Architecture Pedagogy, Architectural Design, Augmented Reality in Urban Design, Energy Efficiency, Architecture for better Livability, Urban Socialization, Place Making, Urban Realm, User Psychology & allied disciplines
24.	Agricultural Science & Technology	Agriculture	Agribusiness Management, Agricultural Biochemistry, Agricultural Biotechnology, Agricultural Botany, Agricultural Chemistry, Agricultural Economics, Agricultural Engineering, Agricultural Entomology, Agricultural Extension, Agricultural Extension and Communication, Agricultural Marketing and Communication, Agricultural Microbiology, Agricultural Nanotechnology, Agricultural Processing, Agri-Informatics, Agroforestry, Agronomy, Apiculture, Entomology, Extension Education, Forest Genetic Resources, Fruit Science, Horticulture, Livestock Production and Management, Olericulture, Plant Breeding, Plant Genetic Resources, Plant Genetics, Plant Pathology, Plant Protection, Pomology, Post Harvest Technology, Seed Technology, Soil Biochemistry, Soil Chemistry, Soil Physics, Soil Science, Vegetable Breeding, Vegetable Science & allied disciplines
25.	Law	Law	Administrative Law, Criminal Law, Business Law, Cyber Law & 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



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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 September 2, 2020 (Wednesday). The envelope containing the application should be super-scribed "Application for Ph.D Program (2020-2021)" 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 from the links mentioned on the university website  
<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 be of following components:

1. Research Methodology : 70 marks containing 20 Multiple Choice Questions (MCQ's) and 5 Short Answer Questions (SAQ's)
2. Subject Specific : 70 marks containing 35 Multiple Choice Questions (MCQ's)

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



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2. Candidates who have successfully completed regular M.Phil. Program from a recognized University/Institution.

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

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

The schedule for conduction of RDSC shall be uploaded department wise on the University website after the declaration of result of Ph.D. Entrance Test on September 18, 2020 (Friday)

In the Personal Interview, the candidates are required to discuss their research interest/area through a presentation before the RDSC of the University. The RDSC shall also examine the competence of the candidate for the proposed research. The Committee shall also see that the research work can be suitably undertaken at the University. The RDSC Committee will take into consideration whether the outcomes of the proposed research will result in the addition of knowledge

**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 Interview/Viva-voce 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 October 5, 2020 (Monday)

**Fee Structure:**

1. Entrance Test 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. Ph.D. Program shall be for a minimum duration of three years, including course work and a maximum of six years for a full time candidate. 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>)



Date: August 28, 2020

*H. Siddiqui*  
28/08/2020  
Prof. Mohammad Haris Siddiqui  
Director

Directorate of Admissions & Academics

Prof. (Dr.) Mohd. Haris Siddiqui  
Director  
Directorate of Admissions & Academics  
Integral University, Lucknow.