

# SHARDA UNIVERSITY

Ref No: ADVT/PHD/ENTRANCE/JULY-2022

## ADVERTISEMENT FOR Ph.D. ADMISSIONS JULY 2022 BATCH Ph.D. PROGRAM AND DETAILS FOR ENTRANCE TEST

Admissions to Ph.D. program (full-time and part-time) in July 2022 of Sharda University will be made strictly according to the merit and availability of seats through **Entrance Test followed by Interview**. Ph.D. Ordinance of Sharda University, available on its website, governs the Ph.D. Program. Full-time eligible students may get **Fellowship** as per Sharda University rules.

Applications are invited on prescribed application form only, which can be filled online/collecting hard copy from University/downloading application and sending complete form. The admission fee of Rs 1500/- can be either paid online or by demand draft in favour of Sharda University payable at Greater Noida.

S N	Name of School	Department	Name of PhD Discipline	Broad areas of Research
1	School of Engineering & Technology	Biotechnology	Biotechnology	Animal & Plant biotechnology, Genetic engineering, Stem cell Technology, Food Technology, Cancer & Molecular Biology
		Civil Engineering	Civil Engineering	Environmental Engineering, GIS, Remote Sensing & Surveying, Building Materials, Geotechnical Engineering and Hydrology and Water Resources Engineering
		Mechanical Engineering	Mechanical Engineering	Lean Manufacturing, Supply chain Management, Smart materials, Tribology and their applications, Composites and ceramics, Mechatronics, Manufacturing and Production, Non- conventional Machining & Thermal Science
		Electrical, Electronics & Communication Engineering	Electrical & Electronics Engineering	Power System & Control, Renewable Energy, Power Electronics, Robotics, Smart & Micro-grid, Building Automation
			Electronics & Communication Engineering	Signal & Image Processing, Antenna Design, VLSI Design & Testing, Materials and Devices, Wireless Sensor Networks
		Computer Science & Engineering	Computer Science & Engineering	Data Science, Data Analytics, Bioinformatics, Cloud Computing & Virtualization, IoT & Applications, Cyber Security, Cryptology, Artificial Intelligence & Machine Learning, Block-chain Technology, Software Engineering, Multimedia & Animation, Image Processing, Image Classification, Non-invasive Brain Machine Interface Technology

2	School of Business Studies	Management	Management	Applied Economics, International Business, Business Communication, Human Resource Management, Marketing, Entrepreneurship & Strategy, Finance and Banking, Business Analytics, Operations & Supply chain Management
3	School of Medical Sciences & Research	Medical Sciences	Anatomy, Biochemistry, Pathology	Anatomy, Clinical Biochemistry, Pathology, Molecular Biology
4	School of Architecture & Planning	Architecture	Architecture	Sustainable & Culturally Responsive built environment, Building conservation and Transformation, Sustainable & Smart Cities, Traditional-Contemporary & Futuristic Architecture
		Design	Design	Apparels and Textile Design, Product and Accessories Design, Interior and Space Design, Communication Design, Digital and Media Design, Social Design, Innovation, Craft and Culture, Design History and design management
5	School of Basic Sciences & Research	Physics	Physics	BioMedical Physics, Materials Science, Artificial Intelligence in Medical Sciences, Theoretical Physics, Energy devices, Space Physics
		Chemistry & Biochemistry	Chemistry	Inorganic Chemistry, material chemistry, Nano science and technology, cement chemistry, water remediation, computational chemistry
			Biochemistry	Cancer biology, virology, transcription regulation
		Mathematics	Mathematics	Non- linear Dynamical systems, Chaos theory, Graph theory, Inventory model, Applied statistics, cryptography, Mathematical modeling, General relativity theory, Cosmology, Wavelet analysis and Data mining.
		Life Sciences	Life Sciences	Biotechnology, Microbiology, Food Science & Technology, Environmental Microbiology, Plant Sciences, Cancer, Tuberculosis, Virology, Immunology
		Environmental Sciences	Environmental Sciences	Environmental pollution, Solid Waste Management, Glaciology and Climate Change, EIA, Environmental Chemistry
6	School of Humanities & Social Sciences	Humanities & Social Sciences	Political Science	Political Theories, International Relationship, Diaspora, Public Policy
			Sociology	Gender, Culture, Migration Health, Identity and Social Movements
			English	Gender and Feminism, Linguistics Indian Literature, American Literature, commonwealth

				Literature
			Psychology	Spiritual Intelligence, Consciousness studies Counseling Psychology, Clinical Psychology, Industrial/Organizational Psychology, Cognitive Psychology, Developmental Psychology
			History	Ancient Indian History, Medieval Indian History, Modern Indian History, Gender in Indian History, History of Diaspora and Migration
7	School of Pharmacy	Pharmacy	Pharmacy	Pharmaceutical Sciences
8	School of Education	Education	Education	Educational Psychology, Educational Philosophy, ICT in Education, Educational Administration, Gender and Education, Discourse Analysis, Language Education, Teaching of Science, Classroom management, Instructional and Learning Design, Teacher Education, Sociology of Education, Digital Pedagogy.
9	School of Agricultural Sciences	Agricultural Sciences	Agricultural Sciences	Plant Breeding & Genetics, Horticulture, Agricultural Entomology, Molecular Biology and Biotechnology, Agricultural Microbiology, Plant Pathology, Agricultural Extension, Soil Science, Plant Physiology
10	School of Allied Health Sciences	Allied Health Sciences	Allied Health Sciences	Physiotherapy, Nutrition & Dietetics, Forensic Science, Clinical Research
11	School of Dental Sciences	Dental Sciences	Dental Sciences	Periodontology, Orthodontics and Dentofacial Orthopedics, Oral and Maxillofacial Pathology & Oral Microbiology, Prosthodontics and Crown and Bridge, Conservative Dentistry and Endodontics, Oral and Maxillofacial Surgery
13	School of Nursing Sciences	Nursing Sciences	Nursing Sciences	Nursing Education, Nursing Management, Nursing Practice in Psychiatric Nursing.

Last date of submission of Application : 15-07-2022 (Fri) 5.00 PM  
 Date of Entrance Test : 12-08-2022 (Fri)  
 Date of Result Declaration of Entrance Test : 24-08-2022(Wed) 5.00 PM  
 Date for Interview of Written Test Qualified Candidates : 30-08-2022 to 31-08-2022(Tue-Wed)  
 Declaration of Final Result : 09-09-2022(Friday) 5.00 PM

**Note:**

1. Eligibility criteria for admission to Ph.D. degree in Sharda University

(i) A candidate must have cleared post-graduate (PG) degree or equivalent of minimum duration of 2 years from a UGC recognized Indian / foreign university in respective discipline with score

of minimum 55% or equivalent CGPA. A 5% relaxation in score for SC/ST/OBC candidates ie minimum of 50% in PG degree or equivalent CGPA is allowed.

(ii) Clearing online Entrance Examination of Sharda University followed by interview.

(iii) Candidates with valid NET / GATE / SET / UET scores and any other equivalent test conducted by GOI accredited agency (to be decided by the selection committee) are exempted from entrance test but have to appear in interview. M.Phil. degree holders from UGC accredited universities are also exempted from entrance test but have to appear in interview.

2. The online Entrance test will have 70 MCQ to evaluate knowledge in core subject (50) and research aptitude (20) for a total of 70 marks; Entrance test will be followed by interview for 30 marks. Thus the candidates shall be selected based on their performance in written test and interview. Those exempted from written test shall be interviewed for 100 marks and selected accordingly.

3. Syllabi of the core subjects are of PG level in respective disciplines / subjects.

4. Number of seats in different schools/departments will depend on the availability of eligible supervisors at the time of admission.

5. Application forms are available at [www.sharda.ac.in](http://www.sharda.ac.in)

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Dean Research

Controller of Examination

Vice-Chancellor