

Entrance Exam and Guide Vacancy Details

PhD ADMISSIONS – AUTUMN SEMESTER INTAKE, 2024-2025 ENTRANCE EXAM DETAILS	
Online Application Period	20 April to 31 May 2024
Announcement of list of eligible candidates	3 June 2024, Monday
Date of Entrance Exam (General + Subject specific)	08 June 2024, Saturday OFFLINE MODE (Building 'A' - First Floor) Time: General Paper: 10am-11am. Subject Specific Paper: 11am-12 pm
Announcement of eligible candidates	10 June 2024, Monday
Interview	13 to 20 June 2024
Announcement of selected candidates on website	24th June 2024
Fee payment and course registration for Autumn Semester	24th June 2024 to 5 th July 2024
Commencement of Semester	8 th July 2024

ENTRANCE EXAMINATION DETAILS

The entrance exam will comprise of an entrance test and interview.

The syllabus of the Entrance Test shall consist of

- 50% of research methodology (It will also test mathematical and logical reasoning ability, comprehension, divergent thinking, ICT, and general awareness of the candidate).
 - 50% shall be subject specific [Business Management, Law, Engineering (Civil, Mechanical, Electrical and Computer Science), Science (Life Science, Chemistry)].
- The entrance test shall be qualifying with qualifying percentage as 50%.
 - The list of candidates clearing the entrance test shall be declared on the notice board / website of the University.
 - An interview/viva-voce will be organized where the candidates will be required to discuss their research interest/area through a presentation. The entrance test and interview/viva-voce shall be qualifying with qualifying percentage as 50% separately.
 - The final selection of candidates (in order of merit) will be done on the basis of the performance of candidates in the entrance examination based on following criteria – Weightage of 70% to the entrance test and weightage of 30% to performance in the interview.

Salient Features of NUV PhD Programme

1. The University considers giving a **stipend of 20000/- INR** to full-time research scholars on a case-to-case basis with sound teaching ability after scrutiny by related committee.
2. Innovative programs and outstanding faculty members with extensive experience.
3. For the PhD degree, the University encourages research with focus on 'Interdisciplinary Research' for the 'creation and addition of knowledge' and to address complex scientific and socially relevant problems via integration of knowledge from multiple and disparate fields.

PhD School wise supervisor/guide, vacancies for PhD-Scholars For Admissions Intake Autumn 2024-25

Sr. No.	Ph.D. Supervisor	Domain	No. of Vacant Seats
School of Business and Law (SBL)			
1	Dr. Hitesh Bhatia	Economics, International Business	02
2	Dr. Sujatha Patil	Commercial Law	01
3	Dr. Anupama Dave	Marketing, Branding, Consumer Behavior	02
4	Dr. Pradeep Behera	Operations Management, Supply Chain Management	02
5	Dr. Priyanka Behrani	OB, HR, Psychology	01
6	Dr. Neha Chawla	Entrepreneurship	02
7	Dr. Rabichandra Singh Elangbam	Economics, Labour economics, Growth and Development Economics	02
8	Dr. Niyati Patel	HRM, HR Analytics	02
School of Engineering and Technology (SET)			
1	Dr. Amarish Badgujar	Cryogenics, Thermal Engineering, Refrigeration, HVAC, Renewable Energy, Energy Conservation	03
2	Dr. Hiral Parikh	FRP Composite Materials, FRP composite manufacturing, Tribology, Functionally Graded Materials, Bio composite Materials, 3D printing of Composite material.	02
3	Dr. Payal Desai	Finite Element Analysis, Numerical modelling of plates and shell structure, computational solid mechanics, structural engineering, sandwich composite materials	02
4	Dr. Saloni Pandya	Suction and collapse response of unsaturated soils, Ground improvement & geosynthetics, Soil structure interaction, Mechanical Characterization of soils	02
5	Dr. Shweta Dour	Communication Networks, Image Processing, Computer vision, Deep Learning	01
6	Dr Umme Salma M. Pirzada	Machine Learning, Neuro fuzzy control	01
7	Dr. Ashish Jani	Computer Vision, IOT, block chain, deep learning	02

8	Dr. Pallavi Ghalsasi	Novel materials like negative thermal expansion materials, organic-inorganic hybrid materials, chiral materials, Raman spectroscopy, High pressure techniques, Xray diffraction measurements, FTIR spectroscopy	01
9	Dr. Prakruti Shah	Microgrid, Smartgrid, Electric Vehicle, Renewable Energy Sources and Grid Integration, Power System, Battery Energy Storage System	02
10	Dr. Viren Parikh	Solid State Welding, Solid State Processing, Manufacturing of Metal Matrix Composite, Advance Welding Processes	02
11	Dr. Dipali Pandya	Advance manufacturing processes, Advance welding processes, Microwave processing	02
School of Science (SoS)			
1	Dr. Elizabeth Robin	Pharmacognosy, Phytochemistry, Taxonomy of Medicinal Plants	01
2	Dr. Darshee Baxi	Metabolic Endocrinology, Circadian biology, Cancer and disease Biology, Phytotherapeutics and traditional medicine, Stress physiology, Reproductive biology	01
3	Dr. Monisha Kottayi	Plant defense, Plant tissue culture, Plant breeding, Mutation studies for inducing disease resistance and Plant Genetics, Cytology.	01
4	Dr. Krutika Abhyankar	Animal Physiology, Endocrinology, phytomedicine, Disease Biology, Nutrition Biochemistry	02
5	Dr. Ankita Doshi	Life Sciences (Zoology, Biochemistry, Microbiology, Biotechnology)	03
6	Dr. Sandeep Patil	Colloid and Interface Science, Micro-emulsions, Surfactants, Mixed Surfactant Systems and their applications. Physical Chemistry	02
7	Dr. Sumit Bhawal	Polymer and Colloid Science, Organic/Material Synthesis, Medicinal and Green Chemistry	01
8	Dr. Amit Patwa	Synthetic Organic Chemistry, Nucleic Acid Chemistry, Supramolecular Chemistry, Bio-conjugate Chemistry and their applications,	02
9	Dr. Brijesh Shah	Ion exchangers, Material Science, Catalysis, Hybrid Materials, Fabrication of Members based on Metal Phosphates and Phosphonates	02
10	Dr. Tejal K. Gajaria	Life Sciences (Algal biochemistry and Bioprocessing, Bioactive peptides, Functional foods and Prebiotics, Microbiology, Biotechnology)	04
11	Dr. Dharmesh Varade	Surfactants, Nanoscience, Soft Matter, Colloids	01
12	Dr. Gaurav Parashar	Biomedical Science and Life Sciences (Genetics, Biotechnology and Biochemistry)	04
School of Liberal Studies and Education (SLSE)			
-	-	-	No Vacancy

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