GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

"A State University established by Govt. of NCT of Delhi"
Sec-16-C, Dwarka Campus, Delhi–110078
Website: www.ipu.ac.in
OFFICE OF THE DIRECTOR (RESEARCH & DEVELOPMENT CELL)
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F.35(1)(1)/2025/RDC/ Dated: 28.10.2025

NOTICE

Sub: Ph.D. Admission (Winter Session) for the academic year 2025–26.

Admission in the Ph.D. programmes for the Winter Session of the academic year 2025–26 in Information Technology, Computer Science & Engineering, Computer Applications, Electronics & Communication Engineering, Artificial Intelligence–Data Science, Artificial Intelligence–Machine Learning, Industrial Internet of Things (IIoT), Automation and Robotics (A&R), Mechanical & Automation Engineering, Management, Chemical Technology, Biotechnology, Environmental Science, Medical Sciences, Mathematics, Chemistry, Physics, Law & Legal Studies, Mass Communication, Education, Architecture & Planning, English, Disaster Management, Pharmacy as well as Design shall be done based on the procedure mentioned in the PhD Ordinance 12(2023) and the Ph.D. admission brochure (2025–26).

Important Dates:

S. No.	Description	Tentative date(s) *
1.	Start date of receipt of online applications	28.10.2025
2.	Last date for Receipt of online applications	01.12.2025 up to 5:30 p.m.
3.	Last date for submission of documents by candidates requesting exemption from PET in accordance with PhD Ordinance 12(2023) and the UGC circular no. F.4-1(UGC-NET Review Committee/2024(NET)/1406-48 dated 27.3.24, to the office of Deans of concerned University Schools of Study (USS) through email or offline mode	05.12.2025
4.	Display of list of candidates to be exempted from the PET, in accordance with PhD Ordinance 12(2023) and the UGC circular no. F.4-1(UGC-NET Review Committee/2024(NET)/1406-48 dated 27.3.24 on the University website by respective USS	At least one week before the conduct of PET in that discipline.
5.	Date of Ph.D entrance test (PET) to be conducted by the University	22.12.2025
6.	Admission (Ph.D) Notification of interview schedule on University website, conduct of interview and completion of all formalities of admission by respective Schools	latest by 10.01.2026

- Subject to change (candidates are advised to keep themselves updated with notification on university website)

How to Apply:

Interested applicants must fill the online application form available on GGSIPU website on before 01.12.2025 (upto 5:30 pm) along with the necessary enclosures mentioned in the application form. The application form is available on the following link:

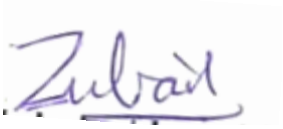
https://docs.google.com/forms/d/e/1FAIpQLSdoawftEOZIWszYnEfh_Ujgi9m9DqFOm01H_JJfDzDJkNvJzQ/viewform?usp=header

Candidates are advised to visit the University website on regular basis regarding the Ph.D. admission in the winter session of the academic year 2025–26.

(Prof. Nimisha Sharma)
Director (RDC)

Copy to:-

1. In-charge, UITS, with a request to upload the same on University website, Admission Branch page and RDC page.
2. Guard File.



(Dr. Zubair Ahmed Khan)
Associate Director (RDC)

Annexure -1

The mode of Ph.D. admission in different disciplines are as follows :

S.NO.	USS	DISCIPLINE	CET Code	Mode of Ph.D. Admission	
				A *	B *
1	University School of Mass Communication	Mass Communication	261	✓	×
2	University School of Biotechnology	Biotechnology	241	✓	✓
3	University School of Information, Communication & Technology	ECE	212	✓	✓
		IT/CSE/CA	211	✓	✓
		MAE	213	✓	✓
4	University School of Design and Innovation	Design	341	×	✓
5	University School of Automation and Robotics	Automation and Robotics	214	✓	✓
		Artificial Intelligence -Data Science And Artificial Intelligence -Machine Learning	211	✓	✓
		Industrial Internet of Things (IIoT)	212	✓	✓
6.	University School of Basic & Applied Sciences	Physics	283	✓	✓
		Mathematics	281	✓	✓
7	University School of Education	Education	311	✓	✓
8	University School of Chemical Technology	Chemical Technology	231	×	✓
9	University School of Medicine & Allied Health Sciences	Radio diagnosis	321	✓	✓
		Pathology	321	✓	✓
		Sports Injury	321	✓	✓
		Hematopathology	321	✓	✓
		Anaesthesiology	321	✓	✓
		Physiology	321	✓	✓
		Obstetrics & Gynaecology	321	✓	✓
		Paediatrics	321	✓	✓
		Endocrinology	321	✓	✓
		Plastic & Reconstructive Surgery	321	✓	✓
		Community Medicine	321	✓	✓
		Forensic Medicine	321	✓	✓
		Anatomy	321	✓	✓
		Microbiology	321	✓	✓
		Neonatology	321	✓	✓
		Pharmacology	321	✓	✓
		Psychiatry	321	✓	✓
		Physiotherapy	321	✓	✓
		Nuclear Medicine	321	✓	✓
		Neurology	321	✓	✓

S.No.	USS	DISCIPLINE	CET CODE	Mode of Ph.D. Admission	
				A*	B*
10	University School of Management Studies	Management	221	✓	✓
11	University School of Environment Management	Environmental Science	251	✓	×
12	University School of Law & Legal Studies	Law and Legal Studies	301	✓	×
13	University School of Humanities & Social Sciences	English	291	✓	✓
14	University School of Architecture and Planning	Architecture & Planning	602	×	✓
15	Centre of Excellence in Disaster Management	Disaster Management	402	✓	✓
16	Centre of Excellence in Pharmaceutical Sciences	Pharmacy	401	✓	✓

*A : In accordance with the UGC circular no. F.4-1(UGC-NET Review Committee/2024(NET)/1406-48 dated 27.3.24 (https://gipe.ac.in/wp-content/uploads/2024/03/UGC-NET-for-PhD.pdf)

*B : University Ph.D. enterance test (PET) followed by interview. Candidates who qualify for fellowship/ scholarship in UGC-NET(JRF)/UGC-CSIR NET (JRF)/GATE/CEED and other similar National Level Tests shall be exempted from the entrance test conducted by the University for Admission to the Ph.D. programme (PET) as per Ph.D. Ordinance-12 (2023) and Ph.D. admission brochure (2025-26).

Annexure-2

Eligibility & Syllabus for PET for the following:

1. Centre of Excellence in Disaster Management

Eligibility Criteria Ph.D. Admission in (Disaster Management):

1. Candidates for admission to the Ph.D. Programme shall have a Master's Degree* or a professional degree declared equivalent to the 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 educational institutions. **(*Candidates having Master's Degree in Management/ Natural Science/ Social Sciences/ Engineering/ Technology/ Medical/ Law/ and allied field related to Disaster/ Emergency services)**

2. Candidates, who have cleared the M.Phil. course work 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) and successfully completing the M.Phil Degree shall be eligible to proceed to do research work leading to the Ph.D. Degree in an integrated programme.

3. All other Eligibility Conditions and Admission Criteria for admission in Ph.D. will be as per University norms given in Ph.D. Ordinance 12 of the University Act.

Mode of Ph. D. Programme:

Full Time/Part Time

Syllabus for Ph.D. Entrance Test:

Part A - Research Methodology

Meaning and Characteristics of Scientific Research: Introduction to research, different methods used in research, research design- functions, exploratory, descriptive, experimental; experimental research design- pre experimental, quasi experimental, true experimental. Statistical research design. Various types of research categories- qualitative, quantitative, experimental, exploratory, empirical. **Hypothesis testing**- Null and alternate hypothesis, steps of hypothesis testing, level of significance, type I and type II error, scale of measurement, questionnaire design. **Sampling**- Meaning and types of Sampling, sampling design, sampling size and sampling error. Types of Sampling – simple random, systematic, stratified, cluster, quota, judgmental samplings. **Interpretation of Data**: Data representation, Collection of data- primary and secondary data collection, data tabulation, organisation and graphical representation of qualitative data – line graph, bar graph, pie chart, histogram, scattered plot. Measure of central tendency, range, dispersion, frequency and distribution. Probability and Non-probability design. **Distributions**- Description of discrete distribution, binomial distribution, Poisson distribution, description of continuous variable, normal distribution, exponential distribution. Ethics-Fabrication of data and misrepresentation, plagiarism, IPR issues in research.

Part B – Subject Specific Test

Disasters: Natural & Human Induced Disasters

Types of natural and human induced disasters, Disaster Management Cycle, Disaster Profile of India. **Earthquakes**: Causes and their effects. **Landslides**: Causes, prevention& mitigation, **Avalanches**: Formulation, types, hazard mitigation and management. **Volcano**: Causes, mitigation. **Floods**: Causes, vulnerability, types of floods, impacts of flood, Flood management (Mitigation, Preparedness and Response), Urban floods. **Cyclones and Tsunami**: Difference between cyclone, Typhoon and hurricanes, Causes, characteristics, hazard zonation, factors, hazard potential and impact assessment of cyclones and tsunami, coastal zone management, Early warning system for cyclones and Tsunamis. **Drought**: Causes, vulnerability, types of famines, desserts, and desertification; **Industrial**, chemical and hazardous material disasters; **Forest fires**.

Industry security, Safety and Disaster Risk Reduction

Principles of industrial security management, Security operations management, security basics and principles of security design, Physical security measures security surveillance CCTV, security gadgets; security control room. Industry security and law, emergency management protocol, anti sabotage check, security review & up- gradation, bomb threats & search procedures, explosives & IEDs search procedure;

Disaster Management Governance, Law and Policies - International and National

Legal framework for disaster management in India, Important statues with provisions relevant to Disaster Management: Role of legislations in Disaster Management, Environment Protection Act, 1986.Disaster Management Act 2005. NDMA, NIDM, SDMAs, DDMAs, Nodal Ministry/ Coordination of Response, NDRF, SDRF, Armed forces, CAPFs, Local Fire and Emergency Services, their constitution, role and responsibilities. DM at local level. National Disaster Management Plan,2016, National Disaster Management Policy, 2009.International Initiatives by UN, International Decade for Disaster Risk Reduction, Sendai Framework (2013- 2030).

Fire Risk, Safety and Response

Classification of fire, causes of fire, general provision of fire & life safety as per National Building Code of India, passive fire safety, fire safety rules and building evacuation plans, fire prevention methods and techniques, electric hazard shock and protection.Various types of fire-fighting equipment's personal protective equipment's(PPE), portable fire extinguisher (water, foam, CO2, ABC) and fixed fire installation, fire tenders, automatic sprinkler systems, provision of fire safety measures for LPG, CNG and PNG. NDMA guidelines on scaling, fire safety and prevention, on-site and off-site emergency plans, burn victims and first- aids.

Public health in Disaster Management

Public health and its role in disaster management, epidemiology, public health emergencies in disaster-water borne, vector borne and zoonotic diseases, avian flu, Ebola, dengue etc. hospital preparedness for mass casualty management, critical care facilities, NDMA guidelines for hospital safety, public health emergency and disaster, public health policies and emergent health threats.

Role of information and communication technology

Role of satellite base navigation system in disaster management, Disaster management information system, emergency operation centre, early warning system, HAM radio, GPS application in emergency communication, emergency communication system, remotes sensing and GIS application in disaster management.

Annexure – 3

2. Centre of Excellence in Pharmaceutical Sciences

1. Common minimum eligibility criteria for admission to Ph.D. Programmes:

1.1 Candidates seeking admission to the Ph.D. programme should have completed a 1-year/2semester master's degree programme after a 4-year/8-semester bachelor's degree programme, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed.

OR

Candidates seeking admission to the Ph.D. programme should have completed a 2-year/4semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed.

OR

Candidates seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed.

OR

Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed shall be eligible for admission to the Ph.D programme.

OR

Candidates who have an equivalent qualification 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 to assess, accredit or assure quality and standards of the educational institution shall be eligible for admission to Ph.D. programme.

1.2 In cases where the marks of the qualifying examination are not given by the degree awarding recognized University/ Institution, such as in case of M.D.S., M.D., M.S., D.M., M.Ch. etc, candidates, who have obtained a minimum of 55% marks in aggregate or its equivalent grade in a point scale wherever the grading system is followed, in the relevant Undergraduate Examination, shall be considered eligible to seek admission to the Ph.D. Programme. In such cases, the concerned candidates shall be required to submit an undertaking that their University/ Institution does not give marks for the said qualifying examination.

2. Additional Eligibility Criteria:

M.Pharm./M.S.(Pharm.) (Pharmaceutical Chemistry/Medicinal Chemistry/Natural Products/ Pharmaceutical Analysis/Quality Assurance); M.Tech. (Pharm.) (Bulk Drugs/Process Chemistry); M.Sc. (Medicinal

chemistry and Drug Design), M.Sc. (Bioinformatics)with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed.

** Those candidates who have already applied in response to the previous advertisement put up in the University website and paid the requisite application fee of Rs. 250/- need not apply again.

SYLLABUS for Ph.D. Entrance Test"

The Entrance Test syllabus shall consist of 50% of research methodology and 50% shall be subject specific. Students who have secured 50% marks in the entrance test are eligible to be called for the interview.

PHARMACEUTICAL CHEMISTRY

Part A – Research Methodology

Basics of Research: Definition, characteristics, types, need of research. Identification of the problem, assessing the status of the problem, formulating the objectives, preparing design (experimental or otherwise), and actual investigation.

Literature Review: Importance of literature review, methods, and sources of literature review, review the literature selected, formulating the research problem based on extensive literature survey, developing the hypothesis, preparing the research design, development of a theoretical and conceptual framework, writing up the synopsis of the proposed Ph.D. program.

Data representation: Collection of data, Tabulation, Organization and graphical representation of quantitative data: Line Graphs, Bar Graphs, Pie Charts, Histograms; Probability concept and theories.

Writing a Research Proposal: Research grant funding agencies, preparation of study protocols, preparing for application to funding agencies (Preamble, problem, objectives, hypothesis to be tested, design of study, measurement procedures, analysis of data, organization of report, displaying data tables, graphs, and charts).

Research Ethics, IPR and Scientific Communication: Ethics-ethical issues, ethical committees (human and animal); prewriting considerations, thesis writing, formats of report writing, preparing posters for scientific presentation, preparing, and delivering of oral presentation. Scholarly publishing-IMRAD concept and design of research paper, citation and acknowledgement, plagiarism, reproducibility and accountability, general consideration of IPR for patent drafting and submission.

Probability and Distributions: Sample space, events, Equally likely events. Probability and types; Different Approaches, Independent Events, Addition and multiplication rules, Rules for Calculating Probabilities. Hypothesis testing: Null hypothesis, Alternate hypothesis, Steps of hypothesis testing, Level of significance, Type I and Type II error.

Analysis of Variance and Testing Hypothesis: Introduction to hypothesis, procedure for hypothesis testing, sample size, statistical tests of significance, parametric tests (students "t" test, ANOVA, correlation coefficient, regression), non–parametric tests (Wilcoxan rank tests, analysis of variance, correlation, chi-squaretest), null hypothesis, P-values, degree of freedom, interpretation of P-values.

Part B– Pharmaceutical Chemistry (Subject Specific Test)

UV-Visible Spectroscopy: Introduction, Beers law and its limitations, molar extinction coefficient, Woodward's Fiesher rules for calculating absorption maximum, instrumentation, and applications, Rule for 1,3- butadienes, cyclic dienes and, carbonyl compounds and interpretation compounds of enones. ATR-IR, IR Interpretation of organic compounds.

FTIR Spectroscopy: Principles-molecular vibrations, vibrational frequency and its influencing factors, sampling techniques, instrumentation, and applications of FTIR.

NMR Spectroscopy: Principle, chemical shifts, shielding and deshielding effects, splitting of signals, computing constants, instrumentations, and applications (H- & C-NMR).1-D and 2-D NMR, NOESY and COSY, HECTOR, INADEQUATE techniques, Interpretation of organic compounds.

Mass Spectroscopy: Principle, ionization Techniques, Fragmentation pattern, instrumentation, and applications. Mass fragmentation and its rules, Fragmentation of important functional groups like alcohols, amines, carbonyl groups and alkanes, Meta stable ions, Mc Laffertyrearrangement, Ring rule,Isotopic peaks, Interpretation of organic compounds.

GLC and HPLC: Principles, instrumentation with special emphasis on different columns and detectors and applications. HPTLC, Ion-Exchange Chromatography and Gel Filtration: Principle, instrumentation, and applications.

Potentiometry and Conductometry: Principle, instrumentation, and applications. Polarimetry, Fluorimetry and Refractometry: Principle, instrumentation, and applications withsuitable examples.

Thermalmethods of analysis: Introduction, principle, instrumentation and application of DSC,DTA and TGA.RadioimmunoassayBiological standardization, bioassay, ELISA, Radioimmunoassay of digitalis and insulin.

Chromatography: Principle, apparatus, instrumentation,chromatographic parameters, factors affecting resolution, isolationof drug from excipients, data interpretation and applications of thefollowing:TLC, HPLC, Ion exchange chromatography, Column chromatography, Gas chromatography, Ultra High-Performance Liquid chromatography, Affinity chromatography and Gel Chromatography.

Study of mechanism and synthetic applications of following named Reactions Ugi reaction, Brook rearrangement, Ullmann coupling reactions, Dieckmann Reaction, Doebner-Miller Reaction, Sandmeyer Reaction, Mitsunobu reaction, Mannich reaction, Vilsmeyer-Haack Reaction, Sharpless asymmetric epoxidation, Baeyer-Villiger oxidation, Shapiro and Suzuki reaction, Ozonolysis and Michael addition reaction

Heterocyclic Chemistry: Organic Name reactions with their respective mechanism and application involved in synthesis of drugs containing ve, six membered and fused hetrocyclics such as DebusRadziszewski imidazole synthesis, Knorr Pyrazole Synthesis, Pinner Pyrimidine Synthesis, Combes Quinoline Synthesis, Bernthsen Acridine Synthesis, Smiles rearrangement and Traube purine synthesis.

Green Chemistry: Introduction, principles of green chemistry; Working principle, advantages and synthetic applications of Microwave assisted reactions, Ultrasound assisted reactions, Continuous flow reactors.

Chemistry of peptides:Coupling reactions in peptide synthesis, Principles of solid phase peptide synthesis, t-BOC and FMOC protocols, various solid supports and linkers: Activation procedures, peptide bond formation, deprotection and cleavage from resin, low and high HF cleavage protocols, formation of free peptides and peptide amides, puri cation and case studies, site-specific chemical modifications of peptides.

Stereochemistry & Asymmetric Synthesis: Basic concepts in stereochemistry optical activity, specific rotation, racemates and resolution of racemates, the Cahn, Ingold, Prelog (CIP) sequence rule, meso compounds, pseudo asymmetric centres, axes of symmetry, Fischer's D and L notation, cis-trans isomerism, E and Z notation; Methods of asymmetric synthesis using chiral pool, chiral auxiliaries and catalytic asymmetric synthesis, enantiopure separation and Stereo selective synthesis with examples.

Synthesis of few representative drugs containing these hetrocyclic nucleus such as Ketoconazole, Metronidazole, Miconazole, celecoxib, antipyrine, Metamizole sodium, Terconazole, Alprazolam, Triamterene, Sulfamerazine, Trimethoprim, Hydroxychloroquine, Quinine, Chloroquine, Quinacrine, Amsacrine, Prochlorperazine, Promazine, Chlorpromazine, Theophylline, Mercaptopurine and Thioguanine.

Synthon approach and retrosynthesis applications: Basic principles, terminologies and advantages of retrosynthesis;Drug discovery: Stages of drug discovery, lead discovery; identification, validation and diversity of drug targets. Biological drug targets: Receptors, types, binding and activation, theories of drug receptor interaction, drug receptor interactions, agonists vs antagonists, artificial enzymes.

Prodrug Design and Analog design: Prodrug design: Basic concept, Types of prodrugs, and its applications. Rationale of prodrug design and practical consideration of prodrug design; Analog Design; Bioisosterism.

Medicinal chemistry aspects of the following class of drugs:Anti-hypertensive drugs, Psychoactive drugs, Anticonvulsant drugs, Antihistamine drugs, COX1 and COX2 inhibitors, Adrenergic and Cholinergic agents, Antineoplastic and Antiviral agents; Stereochemistry and Drug action; Case studies,Enantioselectivity in drug adsorption, metabolism, distributionand elimination.

Peptidomimetics:Therapeutic values of Peptidomimetics, design of peptidomimetics by manipulation of the amino acids, modification of the peptide backbone, incorporating conformational constraints locally or globally. Chemistry of prostaglandins, leukotrienes and thromboxones.

Study of Natural products as leads for new pharmaceuticals for the following class of drugs: Drugs Acting the Central Nervous System: Morphine, Alkaloids; Anticancer Drugs: Paclitaxel and Docetaxel, Etoposide, and Teniposide; Cardiovascular Drugs: Lovastatin, Teprotide and Dicoumarol. d) Neuromuscular Blocking Drugs: Curare alkaloids; Anti-malarial drugs and Analogues; Chemistry of macrolide antibiotics (Erythromycin, Azithromycin, Roxithromycin, and Clarithromycin) and- Lactam antibiotics (Cephalosporins and Carbapenem).

General introduction, classification, isolation, puri cation, molecular modification, biological activity and structural elucidation and stereochemistry of alkaloids, flavonoids, Steroids, Terpenoids and vitamins. Recombinant DNA technology and drug discoveryrDNA technology, hybridoma technology, new pharmaceuticalsderived from biotechnology; Oligonucleotide therapy.

Introduction to Computer Aided Drug Design (CADD): QSAR, Applications of Hansch analysis, Free Wilson analysis and relationship between them, Advantages and disadvantages; Deriving 2D-QSAR equations. 3D-QSAR approaches and contour map analysis. Statistical methods used in QSAR analysis and importance of statistical parameters.

Molecular Modeling and Docking: Molecular and Quantum Mechanics in drug design; Energy Minimization Methods, Rigid docking, flexible docking and extra-precision docking; Agents acting on enzymes such as DHFR, HMG-CoA reductase and HIV protease, choline esterase (AchE & BchE).

Molecular Properties and Drug Design: Prediction and analysis of ADMET properties and its importance in drug design, De novo drug design, Homology modeling and generation of 3D-structure of protein.Pharmacophore Mapping and Virtual Screening, In Silico Drug Design and Virtual Screening Techniques.

3. Interview Criteria* (At least any one of the following)

1. Qualified in PET

2. Qualified and Valid GATE/GPAT Score.

3. Candidates who have already cleared any of the National Test for the eligibility of lectureship like UGC/ CSIR NET including JRF, GATE, CSIR, DST, DBT, ICMR etc, or any other prestigious test for National level scholarship / fellowship conducted by Govt. of India.

University may decide the number of eligible students to be called for an interview based on the number of Ph.D. seats available in the respective departments/ approved research centres.

Provided that for the selection of candidates a weightage of 70% for the Academic Performance Index and 30% for the performance in the interview / viva-voce shall be given.

Please Note:

Those candidates who have already applied in response to the previous advertisement put up in the University website and paid the requisite application fee of Rs. 2500/- need not apply again.

3. University School of Automation and Robotics

Syllabus for Ph.D. Entrance Test:

Part-A Research Methodology

Linear Algebra: Solution of linear algebraic equation, Matrices, Eigen values and Eigenvectors.

Calculus: Function of single variable, Limit, continuity and differentiability, Mean value theorems, Maxima and Minima.

Differential Equations: Ordinary differential equation; Initial and boundary value problems, partial differential equation.

Introduction to Statistics: Statistical concept, Statistical Inference, Statistical Hypotheses, Statistical Estimation, Point Estimates, Interval Estimates, Quantitative Data Graphs. Qualitative Data Graphs, Graphical Depiction of Two-Variable, Numerical Data, Scatter Plots.

Descriptive Statistics: Measures of Central Tendency-mean, Median and Mode, Measures of Variability Data range, Variance and standard deviation, Measures of shape of distribution of data, Tests and estimates on statistical variance.

Part – B CSE/IT/CA (Subject Specific Test)

Digital Logic

Boolean algebra. Combinational and sequential circuits. Minimization. Number representations and computer arithmetic (fixed and floating point).

Computer Organization and Architecture

Machine instructions and addressing modes. ALU, data-path and control unit. Instruction pipelining. Pipeline hazards. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).

Programming and Data Structures

Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.

Algorithms

Searching, sorting, hashing. Asymptotic worst-case time and space complexity. Algorithm design techniques: greedy, dynamic programming and divide-and-conquer. Graph traversals, minimum spanning trees, shortest paths.

Theory of Computation

Regular expressions and finite automata. Context-free grammars and push-down automata. Regular and context-free languages, pumping lemma. Turing machines and undecidability.

Compiler Design

Lexical analysis, parsing, syntax-directed translation. Runtime environments. Intermediate code generation. Local optimisation, Data flow analyses: constant propagation, liveness analysis, common subexpression elimination.

Operating System

System calls, processes, threads, inter-process communication, concurrency and synchronization. Deadlock. CPU and I/O scheduling. Memory management and virtual memory. File systems.

Databases

ER-model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.

Computer Networks

Concept of layering: OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuit switching; Data link layer: framing, error detection, Medium Access Control, Ethernet bridging; Routing protocols: shortest path, flooding, distance vector and link state routing; Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP, DHCP, ICMP),Network Address Translation (NAT); Transport layer: flow control and congestion control, UDP,TCP, sockets; Application layer protocols: DNS, SMTP, HTTP, FTP, Email.

Part – B - Electronics & Communication Engineering (Subject Specific Test)

Networks, Signals and Systems

Circuit Analysis: Node and mesh analysis, superposition, Thevenin's theorem, Norton's theorem, reciprocity. Sinusoidal steady state analysis: phasors, complex power, maximum power transfer. Time and frequency domain analysis of linear circuits: RL, RC and RLC circuits, solution of network equations using Laplace transform. Linear 2-port network parameters, wye-delta transformation.

Continuous-time signals: Fourier series and Fourier transform representations, sampling theorem and applications; Discrete-time Signals: DTFT, DFT, z-transform, discrete-time processing of continuous-time signals. LTI systems: definition and properties, causality, stability, impulse response, convolution, poles and zeroes, frequency response, group delay, phase delay.

Electronic Devices

Energy bands in intrinsic and extrinsic silicon; equilibrium carrier concentration, direct and indirect band-gap semiconductors. Carrier transport: diffusion current, drift current, mobility and resistivity; Generation and recombination of carriers; Poisson and continuity equations; P-N junction, Zener diode, BJT, MOS capacitor, MOSFET, LED, photo diode and solar cell;

Analog Circuits

Diode circuits: clipping, clamping and rectifiers; BJT and MOSFET amplifiers: biasing, ac coupling, small signal analysis, frequency response. Current Mirrors &differential amplifiers; Op-amp Circuits: Amplifiers, summers, differentiators, integrators, active filters, Schmitt triggers and oscillators.

Digital Circuits

Number Representations: binary, integer and floating-point- numbers. Combinatorial circuits: Boolean algebra, minimization of functions using Boolean identities and Karnaugh map, logic gates and their static CMOS implementations, arithmetic circuits, code converters, multiplexers, decoders. Sequential Circuits: latches and flip-flops, counters, shift-registers, finite state machines, propagation delay, setup and hold time, critical path delay. Data Converters: sample and hold circuits, ADCs and DACs. Semiconductor Memories: ROM, SRAM, DRAM. Computer Organization: Machine instructions and addressing modes, ALU, data-path and control-unit, instruction pipelining.

Control Systems

Basic control system components; Feedback principle; Transfer function; Block diagram representation; Signal flow graph; Transient and steady-state analysis of LTI systems; Frequency response; Routh-Hurwitz and Nyquist stability criteria; Bode and root-locus plots; Lag, lead and lag-lead compensation; State variable model and solution of state equation of LTI systems.

Communications

Random Processes: auto correlation and power spectral density, properties of white noise, filtering of random signals through LTI systems. Analog Communications: amplitude modulation and demodulation, angle modulation and demodulation, spectra of AM and FM, super heterodyne receivers.

Information Theory: entropy, mutual information and channel capacity theorem. Digital Communications: PCM, DPCM, digital modulation schemes (ASK, PSK, FSK, QAM), bandwidth, inter-symbol interference, MAP, ML detection, matched filter receiver, SNR and BER. Fundamentals of error correction, Hamming codes, CRC.

Electromagnetics

Maxwell's Equations: differential and integral forms and their interpretation, boundary conditions, wave equation, Poynting vector. Plane Waves and Properties: reflection and refraction, polarization, phase and group velocity, propagation through various media, skin depth. Transmission Lines: equations, characteristic impedance, impedance matching, impedance transformation, S-parameters, Smith chart. Rectangular and circular waveguides, light propagation in optical fibres, dipole and mono-pole antennas, linear antenna arrays.

Part B - Mechanical & Automation Engineering (Subject Specific Test)

Free-body diagrams and equilibrium; trusses and frames; virtual work; kinematics and dynamics of particles and of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations, collisions. Mechanics of Materials: Stress and strain, elastic constants, Poisson's ratio; Mohr's circle for plane stress and plane strain; thin cylinders; shear force and bending moment diagrams; bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; energy methods; thermal stresses; strain gauges and rosettes; testing of materials with universal testing machine; testing of hardness and impact strength.

Theory of Machines: Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscope.

Vibrations: Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts. Machine Design: Design for static and dynamic loading; failure theories; fatigue strength and the S-N diagram; principles of the design of machine elements such as bolted, riveted and welded joints; shafts, gears, rolling and sliding contact bearings, brakes and clutches, springs.

Fluid Mechanics and Thermal Sciences Fluid Mechanics: Fluid properties; fluid statics, manometry, buoyancy, forces on submerged bodies, stability of floating bodies; control-volume analysis of mass, momentum and energy; fluid acceleration; differential equations of continuity and momentum; Bernoulli's equation; dimensional analysis; viscous flow of incompressible fluids, boundary layer, elementary turbulent

flow, flow through pipes, head losses in pipes, bends and fittings. Heat-Transfer: Modes of heat transfer; one dimensional heat conduction, resistance concept and electrical analogy, heat transfer through fins; unsteady heat conduction, lumped parameter system, Heisler's charts; thermal boundary layer, dimensionless parameters in free and forced convective heat transfer, heat transfer correlations for flow over flat plates and through pipes, effect of turbulence; heat exchanger performance, LMTD and NTU methods; radiative heat transfer, Stefan Boltzmann law, Wien's displacement law, black and grey surfaces, view factors, radiation network analysis.

Thermodynamics: Thermodynamic systems and processes; properties of pure substances, behaviour of ideal and real gases; zeroth and first laws of thermodynamics, calculation of work and heat in various processes; second law of thermodynamics; thermodynamic property charts and tables, availability and irreversibility; thermodynamic relations.

Applications: Power Engineering: Air and gas compressors; vapour and gas power cycles, concepts of regeneration and reheat. I.C. Engines: Air-standard Otto, Diesel and dual cycles. Refrigeration and air-conditioning: Vapour and gas refrigeration and heat pump cycles; properties of moist air, psychrometric chart, basic psychrometric processes. Turbomachinery: Impulse and reaction principles, velocity diagrams, Pelton-wheel, Francis and Kaplan turbines.

Materials, Manufacturing and Industrial Engineering Engineering Materials: Structure and properties of engineering materials, phase diagrams, heat treatment, stress-strain diagrams for engineering materials. Casting, Forming and Joining Processes: Different types of castings, design of patterns, moulds and cores; solidification and cooling; riser and gating design. Plastic deformation and yield criteria; fundamentals of hot and cold working processes; load estimation for bulk (forging, rolling, extrusion, drawing) and sheet (shearing, deep drawing, bending) metal forming processes; principles of powder metallurgy. Principles of welding, brazing, soldering and adhesive bonding.

Machining and Machine Tool Operations: Mechanics of machining; basic machine tools; single and multi-point cutting tools, tool geometry and materials, tool life and wear; economics of machining; principles of non-traditional machining processes; principles of work holding, design of jigs and fixtures. Metrology and Inspection: Limits, fits and tolerances; linear and angular measurements; comparators; gauge design; interferometry; form and finish measurement; alignment and testing methods; tolerance analysis in manufacturing and assembly. Computer Integrated Manufacturing: Basic concepts of CAD/CAM and their integration tools. Production Planning and Control: Forecasting models, aggregate production planning, scheduling, materials requirement planning. Inventory Control: Deterministic models; safety stock inventory control systems.
Operations Research: Linear programming, simplex method, transportation, assignment, network flow models, simple queuing models, PERT and CPM.

Please Note:

1. For eligibility condition, syllabus for Ph.D. entrance test & other details for admission in different discipline, please refer in the Ph.D. admission brochure, 2025-26 available in the University website & Ph.D. Ordinance 12 (2023).

2. Candidates are advised to visit the University website on regular basis regarding the Ph.D. admission in the winter session of the academic year 2025-26.

ANNEXURE -5

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

"A State University established by Govt. of NCT of Delhi"

Sec-16–C, Dwarka Campus, Delhi–110 078

Website: www.ipu.ac.in

OFFICE OF THE DIRECTOR (RESEARCH & DEVELOPMENT CELL)

Ph: 011-25302123 & email Id: drc@ipu.ac.in

F.35(1)(1)/2025/RDC/ Dated: 28.10.2025

Subject: **List of Vacant slots to be filled under Ph.D Programmes (Winter Session) for the academic session 2025-26.**

Ph.D.

University School of Management Studies

S.No	Name of the Recognized Supervisor	Designation	Discipline with Specialization	No. of slots to be filled in 2025-26
1.	Prof. Udita Taneja	Dean/Professor	IT, Analytics, Healthcare	00
2	Prof. R.K. Mittal	Professor	Economics, Finance, Corporate Governance & Social Responsibility	00
3	Prof. Anil K. Saini	Professor	Information Technology, MIS, Knowledge Management, Technology Management	00
4	Prof. Neena Sinha	Professor	Marketing, Strategy, Development Informatics	00
5	Prof. Shalini Garg	Professor	Human Resource Management, OB, Organization Development(OD), Strategic Human Resource Management (SHRM)	04
6	Prof. Vijita S. Aggarwal	Professor	International Business, Education Management, Marketing	03
7	Prof. Puja Khatri	Professor	OB, HR, Entrepreneurship, OD, Al in HR, Education Management	01
8	Prof. Sanjay Dhingra	Professor	IT, Banking	01
9	Prof. Gagan Deep Sharma	Professor	Finance, Sustainable Development, Economics	01
10	Prof. Divya Verma	Professor	Finance	01
11	Prof. Ashish Kumar	Professor	Finance	01
12	Dr. Deepti Prakash	Associate Professor	Organizational Behaviour, HRM, Entrepreneurship, OD, Business Communication, Education Management	01
13	Dr. S. Sanjay Kumar	Associate Professor	Strategy	01
14	Dr. Sanchita Bansal	Associate Professor	Entrepreneurship,Marketing, Sustainable Development, Leadership and Empowerment, Management Relations and Organisational Behaviour.	02
15	Dr. Amit Sharma	Associate Professor	Marketing	01
16	Dr. Shilpa Jain	Associate Professor	OB,HRM,Organization Development, Entrepreneurship, Business Communication, Analytics in HR/OB, Innovation and Technology Management, Behavioural Aspects in Marketing and Finance, Education Management	01
17	Dr. Gaurav Talan	Assistant Professor	Finance, Economics,Sustainable Development, Tourism	01
18	Dr. Bharti	Assistant Professor	Accounting and Finance	02

University School of Biotechnology

Sl. No.	Name of the Supervisor	Designation	Discipline with Specialization	No. of slots to be filled in 2025-26
1	Dr. N. Raghuram	Professor	Plant Molecular Biology, and Functional Genomics of G-protein signaling and nitrogen use efficiency.	00
2	Dr. K.K. Aggarwal	Professor	Enzymes, Proteomics, Plant-insect interactions, Protease inhibitor – Protease interactions, Plant biochemistry and molecular biology, Bioremediation, phytochemical compounds	01
3	Dr. Meenu Kapoor	Professor	Molecular Biology & Functional Genomics & Epigenomics	02
4	Dr. Promila Gupta	Professor	Plant Biotechnology	01
5	Dr. Nimisha Sharma	Professor	Molecular Biology , Functional Genomics	02
6	Dr. Ranjith Kumar C.T.	Professor	Virology and Innate Immune Responses	01
7	Dr. Rinu Sharma	Professor	Cancer Molecular Biology and Functional Genomics Development of devices and strategies for early diagnosis and effective therapy for cancer	02
8	Dr. Ram Singh Purty	Professor	Plant Molecular Biology, Abiotic Stress Biology and Bioinformatics	02
9	Dr Gaurav Pandey	Associate Professor	Bio process development and scale-up, Vaccines, Bio-therapeutics, Cgmp manufacturing, Translational research, technology transfer, Recombinant protein Metabolic engineering	02

University School of Environment Management

S.No	Name of Recognized Supervisor	Designation	Discipline in which the supervisor has been recognized	Specialization	No. of slots to be filled in 2025-26
01	Prof. Varun Joshi	Professor	Watershed management, Climate change, Natural Disaster Management, Environmental Geology	Watershed management, Climate change, Natural Disaster Management, Environmental Geology	00
02	Prof. Amarjeet Kaur	Professor	Environmental Management, Bioremediation, Remote Sensing/GIS application in Environment and Disaster Management	Environmental Management, Bioremediation, Remote Sensing/GIS application in Environment and Disaster Management	00
03	Prof. Prodyut Bhattacharya	Professor	Natural Resource Management, Biodiversity & Conservation	Natural Resource Management, Biodiversity & Conservation	01
04	Prof. N.C. Gupta	Professor	Energy, Air, Water pollution, Climate change and EIA	Air pollution, Energy Climate change Risk Analysis.	00

05	Prof. Anubha Kaushik	Professor	Bioremediation, Waste to Energy, Ecosystem Studies, Environment Management	Bioremediation, Waste to Energy, Ecosystem Studies, Environment Management	00
06	Prof. Kiranmay Sarma	Professor	Remote Sensing and GIS in EM/NRM/ B&C	Remote Sensing and GIS in EM/NRM/ B&C	01
07	Dr. Anshu Gupta	Associate Professor	Water & Waste Water Treatment , Bioremediation Environment Management	Environmental Biotechnology	01
08	Dr. Deeksha Katyal	Associate Professor	Water quality Analysis, Pollution estimation, Mapping & Mitigation measures, Water Heritage, Environmental Statistics and Modelling	Safe potable water, health risk assessment, Biomembranes, Radio activity removal, Microplastics, Emerging Micro-contaminants, Carbon Markets.	02
09	Dr. Pamposh	Associate Professor	Ecology & Conservation of Wetlands	Biogeochemistry of wetlands, Phytosociology, water pollution	03
10	Dr. Sanjay K.Das	Associate Professor	Animal Biosystematics, Reptiles and Spiders, Field Ecology Biodiversity Conservation wildlife Biology	Animal Biosystematics, Animal Behavior, Field Ecology, Wildlife Biology, Biodiversity Conservation	01
11	Dr. Sumit Dookia	Assistant Professor	Wildlife Biology, Animal Ecology and Biodiversity Conservation	Animal ecology, Ethology, Urban Ecology, wildlife Biology, Open Natural Environments (ONEs), Community Conservation and Citizen Science	01
12	Dr. Neetu Rani	Assistant Professor	Waste Water Treatment (Environmental Science)	Water & wastewater pollution and Treatment	00
13	Dr. Tuisem Shimrah	Assistant Professor	Ecology, Natural Resources Management	Ecology, Natural Resources Management	00

University School of Basic & Applied Sciences

S. No.	Name of Recognized Supervisor	Designation	Discipline in which the supervisor has been recognized	Specialization	No. of slots to be filled in 2025-26
1.	Prof. Anu Venugopalan	Professor	Physics	Foundations of quantum mechanics, confined quantum systems, quantum information	01
2.	Prof. Shruti Aggarwal	Professor	Physics	Solar Photovoltaics, Hybrid SPV thermoelectric systems, Dosimetry, Crystal growth, Silver nanowires, transparent contacts, perovskite materials, Thermoluminescence and optically simulated luminescence based phosphors	02
3.	Prof. Anindya Datta	Professor	Physics	NanoScience and technology / Solid State Physics, Two dimensional nanostructures, hybrid and their applications.	00
4.	Prof. Rashmi Bhardwaj	Professor	Mathematics	Data Analysis, Celestial Mechanics, Nonlinear Dynamics, Chaos, Numerical Analysis, Financial Mathematics, OR, ODE, PDE, Quantum Algorithm, Fractional Calculus & Geometry	02
5.	Prof. Vaishali Singh	Professor	Chemistry	Mesoporous Systems and Nanocomposites Research for gas sensing and hydroelectric Cell applications	01
6.	Prof. Tapan K Jain	Professor	Chemistry	Nanotechnology for Drug Delivery and Imaging (theranostic applications) / Surface science and engineering. (Nanomedicine)	02
7.	Prof. Abha Aggarwal	Professor	Mathematics	Mathematical programming	02
8.	Prof. Rajesh Kumar	Professor	Physics	Material Science, Condensed Matter Physics, Nano Science, ion beam engineering of nanostructure materials, Template-based electro deposition of metal and semiconductor nanowires, Polymers/Nanocomposite polymers,	01

				Thin films, Energy storage devices (Lithium-ion battery and Supercapacitor),Gas sensors	
9.	Prof. Gulshan Kumar	Professor	Chemistry	Polymer Synthesis, natural Composites thin films and nanocomposites	02
10.	Prof. Shipra Mital Gupta	Professor	Chemistry	Synthesis, Characterization and Applications of Nanomaterials	02
11.	Dr. Satyabrata Mohapatra	Associate Professor	Physics	Nanoscience & Nanotechnology, Multifunctional Hybrid Nanomaterials, Plasmonics, Photocatalysis, Catalysis, Energy, Gas Sensing, Biosensing, SERS, Ion beam technology, Water Purification	03
12.	Prof. Ram Shankar Gupta	Professor	Mathematics	Mathematics Differential Geometry	04
13.	Prof. Leena Khanna	Professor	Chemistry	Heterocyclic Chemistry, Natural Product Chemistry & Computational Chemistry	02
14.	Prof. S. Neeleshwar	Professor	Physics	Nanomaterials, Thermoelectric Materials Magnetic Material, Superconductivity, Nutritional Food	04
15.	Prof. Yogesh K. Tyagi	Professor	Chemistry	Bioorganic chemistry	02
16.	Prof. Kriti Batra	Professor	Physics	Molecular Modelling and Spectroscopy, DFT studies of Molecules, Nanomaterials, Atomic and Molecular clusters, Electronic Structure calculations, Linear and Non linear Optical Properties, Quantum Heterostructures, Effect of External fields on low dimension systems etc. (Theoretical Atomic, Molecular and Condensed Matter Physics).	03
17.	Dr. Anjana Bagga	Associate Professor	Physics	Mesoscopic condensed matter physics-optical and transport properties of semiconductor nanostructures, nanostructured thermoelectric materials, solar cells	03
18.	Dr. Arif Ali Khan	Assistant Professor	Chemistry	Inorganic Chemistry	01

Faculty from USAR East Campus

S. No.	Name of Recognized Supervisor	Designation	Discipline in which the supervisor has been recognized	Specialization	No. of slots to be filled in 2025-26
1.	Dr. Anirban Dandapat **(East Campus)**	Assistant Professor	Chemistry	Development of Nanomaterials for Catalysis, Photocatalysis, Waste Water Treatment, Air Purification and Biomedical Applications	02
2.	Dr. Sushobhan Chowdhury **(East Campus)**	Assistant Professor	Chemistry	Electrochemical Synthesis, Photochemical Synthesis, Homo-& Heterogeneous catalysis, Medicinal Chemistry	00
3.	Dr. Mahesh Chand **(East Campus)**	Assistant Professor	Chemistry	Bio-organic Chemistry, Green Chemistry, Heterocyclic Chemistry, Natural Product Chemistry	02
4.	Dr. Pooja Rana **(East Campus)**	Assistant Professor	Chemistry	Synthesis and utilization of Hierarchical nanostructure for organic transformation, photocatalysis, water treatment, fuel generation and CO_2 capture and conversion.	02
5.	Dr. Ritu Aggarwal **(East Campus)**	Assistant Professor	Physics	Particle physics, High Energy Physics, CBM detector Physics, ILC Physics.	03
6.	Dr. Bhanu Prakash Joshi **(East Campus)**	Assistant Professor	Physics	Experimental condensed matter physics, Spintronics, Low temperature physics, Nanomaterials, Superconductors, semiconductors, Topological materials. Single crystal growth, thin	04

				films. Sub-Kelvin electrical transport and odeling tion measurements, E- Beam Lithography upto 20 KeV, Scanning Electron Microscopy , Atomic force microscopy and X-Ray diffraction: Analysis and measurements, Artificial intelligence in the condensed matter physics.	
7.	Dr. Deepak Tripathi **(East Campus)**	Assistant Professor	Physics	Plasma Physics, Laser Plasma Interaction, Terahertz Generation, Harmonic Generation, Medical Physics	03
8.	Dr. Ruchika Sehgal **(East Campus)**	Assistant Professor	Mathematics	Portfolio Optimization, Financial Engineering	0
9.	Dr. Arti Singh **(East Campus)**	Assistant Professor	Mathematics	Portfolio Optimization, Optimal trading strategies, Optimization	02
10.	Dr. Jyoti **(East Campus)**	Assistant Professor	Mathematics	Mathematical Programming, Optimization, Operation Research	02

University School of Humanities & Social Sciences

S. N.	Name of Recognised supervisor	Designation	Discipline	Subject with Specialization	No. of slots to be filled in 2025-26
1	Prof. Shuchi Sharma	Professor	English	Indian Theater, Women Studies, Modern Drama	01
2	Prof. Anup Singh Beniwal	Professor	English	Indian Literature in English Translation, Partition Writings Translation Studies	00
3	Prof. Ashutosh Mohan	Professor	English	Literature, Arts and Science	00
4	Prof. Manpreet Kaur Kang	Professor	English	American Literature, Diaspora Studies, Women's Studies, Gender Studies	02
5	Prof. Vivek Sachdeva	Dean & Professor	English	Film Studies, Adaptation Studies, Cultural Studies, Narrative Theory	00
6	Dr Naresh Kumar Vats	Assoc. Professor	English	Indian English Literature, Popular Culture and Literature, Film Studies Indian Aesthetic	01
7	Dr Chetna Tiwari	Assoc. Professor	English	Indian Writing in English, Indian Diasporie Literature, Cultural Studies	02
8	Dr. Shubhanku Kochar	Asstt. Professor	English	African and African Diasporic Literature, Literature and Environment	00
9	Dr Prarthna Agarwal Goel	Asstt. Professor	Economics	Development Economics, Economics of Gender, Economics of Crime, Economics of Natural Disasters, Economics of Health and Education	00
10	Dr Pooja Rathore	Asstt. Professor	Economics	Economics of Education and Health, Climate change, Agriculture sustainability, Food Security, Development Economics	00

University School of Mass Communication

S.no.	Name of the Recognised Supervisor	Designation	Discipline with Specialization	No. of slots to be filled in 2025-26
1	Prof (Dr.) DurgeshTripathi	Professor	Media and Youth , Digital Participation , Media Literacy , Digital Divide , Political Participation	00
2	Dr. Kulveen Trehan	Associate Professor	Advertising/PR, Media Literacy , Digital/Social Media , SDGs, and Media Studies	01
3	Dr. Sweta Singh	Associate Professor	Journalism, Broadcast and Digital/ New Media, Development Communication and Media Studies	00
4	Dr. Sachin Bharti	Associate Professor	Film Studies , Still Photography, Audio Visual Production	00

University School of Information, Communication & Technology

Sr. No.	Name of Recognized Supervisor	Designation	Specialization	Discipline	No. of slots to be filled in 2025-26
1.	Prof. Anjana Gosain	Professor & Dean	Data Science, Data Analytics, Application of Machine Learning, Data Warehousing, Software Engineering	IT/CSE/CA/ECE/MAE	1
2.	Prof. Navin Rajpal	Professor	Computer Graphics, Image Processing, Computer Vision, Pattern Recognition, Machine Learning Application, GIS, Algorithm Design	IT/CSE/CA/ECE/MAE	4
3.	Prof. C. S. Rai	Professor	Signal Processing, ANN, Networking	IT/CSE/CA/ECE/MAE	2
4.	Prof. Arvinder Kaur	Professor	Software Engineering, Empirical Software Engineering, Application of Machine learning	IT/CSE/CA/ECE/MAE	2
5.	Prof. Pravin Chandra	Professor	Neural Networks, Wireless & Sensor Networks, Software Engineering	IT/CSE/CA/ECE/MAE	2
6.	Prof. Udayan Ghose	Professor	AI & ML, ML Applications, Secured Systems, Data Analytics, Soft Computing	IT/CSE/CA/ECE/MAE	2
7.	Prof. Bharti Suri	Professor	Software Engineering, Software Testing, Applications of Machine Leaning	IT/CSE/CA/ECE/MAE	3
8.	Prof. Amit Prakash Singh	Professor	AI application for dental health& Agriculture	IT/CSE/CA/ECE/MAE	2
9.	Prof. Pushpendra S. Bharti	Professor	Robotics and Automation Engineering, Additive Manufacturing, Non-conventional Manufacturing	IT/CSE/CA/ECE/MAE	3
10.	Prof. R. Rama Kishore	Professor	Computer Graphics & Image Processing	IT/CSE/CA/ECE/MAE	1
11.	Prof. Anju Saha	Professor	Software Engineering, Software Testing, Application of Machine Learning	IT/CSE/CA/ECE/MAE	1
12.	Prof. Ravindra Kr. Purwar	Professor	Image/Video Processing, Pattern Recognition & Machine Learning	IT/CSE/CA/ECE/MAE	3
13. 1	Prof. V. P. Vishwakarma	Professor	Digital Image Processing, Pattern Recognition, Machine Learning	IT/CSE/CA/ECE/MAE	3
14.	Prof. Anurag Jain	Professor	Cyber security, speech processing, AI/ML, Application of Machine learning	IT/CSE/CA/ECE/MAE	2
15.	Prof. Sanjay Kumar Malik	Professor	Semantic Web, Web and AI applications	IT/CSE/CA/ECE/MAE	4
16.	Prof. Vandana Nath	Professor	Electronic Devices & Circuits, Semiconductor Devices, Modelling and characterization of GaN/Si based HEMT & MOSFET, Compound Semiconductor based Optoelectronics Devices, Antenna Design	IT/CSE/CA/ECE/MAE	4
17.	Prof. Sartaj Singh Sodhi	Professor	Neural Networks, Application of Machine learning	IT/CSE/CA/ECE/MAE	0
18.	Prof. Rinkaj Goyal	Professor	Agent Based Modeling, Multi agent Systems, Applied AI and Data Analytics	IT/CSE/CA/ECE/MAE	1

19.	Prof. Ashish Payal	Professor	Computer Networks & Communications, MANETs, WSN, Computer Forensics, IoT & Unmanned Vehicle Technologies	IT/CSE/CA/ECE/MAE	0
20.	Prof. R. L. Ujjwal	Professor	Machine Learning, Artificial Intelligence, IoT, wireless mobile networks	IT/CSE/CA/ECE/MAE	5
21.	Prof. M. Bala Krishna	Professor	Mobile and Wireless Networks, Internet of Things (IoT), Computer and Communication Networks, Security in Networking Systems, Data Analytics, Application of Artificial Intelligence, Machine Learning and Deep Learning	IT/CSE/CA/ECE/MAE	3
22.	Dr. Jyotsna Yadav	Associate Professor	Digital image Processing, Signal Processing, Machine Learning, Pattern Recognition	IT/CSE/CA/ECE/MAE	2
23.	Dr. Reena Gupta	Associate Professor	Data Science, Data Analytics, Bioinformatics, Applications of Machine learning and Deep Learning	IT/CSE/CA/ECE/MAE	1
24.	Dr. Anuradha Chug	Associate Professor	Software Engineering, Data Mining, IoT, Application of Machine learning, Deep Learning	IT/CSE/CA/ECE/MAE	0
25.	Dr. Kamaldeep Kaur	Associate Professor	Empirical Software Engineering,Machine Learning and Deep Learning applications, Multi criteria decision making.	IT/CSE/CA/ECE/MAE	2
26.	Dr. Priyanka Bhutani	Assistant Professor	Data Warehousing, Data Mining, Web Mining, Software Testing and Software Engineering	IT/CSE/CA/ECE/MAE	0
27.	Dr. Mansi Jhamb	Assistant Professor	IoT, VLSI Design,Signal Processing, Embedded Systems	IT/CSE/CA/ECE/MAE	1
28.	Dr. Jaspreeti Singh	Assistant Professor	Data Analytics, Applications of Machine Learning, Class Imbalance Problem, Fuzzy Clustering, Data Warehousing, Software Engineering	IT/CSE/CA/ECE/MAE	2
29.	Dr. Ruchi Sehrawat	Assistant Professor	Artificial Neural Networks Applications of ANN & Machine Learning, Software Engineering	IT/CSE/CA/ECE/MAE	0
30.	Dr. Manoj Kr. Satyarthi	Assistant Professor	AI in Manufacturing, AI and Robotics, 3D Printing, Mechatronics, Manufacturing	IT/CSE/CA/ECE/MAE	2
31.	Dr. Shiv Ram Meena	Assistant Professor	Signal processing, image-Audio-speech-data-processing, computer vision, wireless Communication, optics, RF and microwave, radar and remote sensing, VLSI, IoT, AI-ML, Data Science, cyber security etc	IT/CSE/CA/ECE/MAE	4
32.	Dr. Shweta Dabas	Assistant Professor	VLSI Design, Low-Voltage and Low-Power Circuit Design, AI/ML for VLSI Design, Electronics and Communication Engineering, Internet of Things (IoT) and Embedded Systems	IT/CSE/CA/ECE/MAE	4
33.	Dr. Chakresh Kumar	Assistant Professor	Optoelectronics & Optical Communication, Semiconductor Devices, Electronic Circuits & Devices, Group IV/ Silicon Photonics, SPR based sensors, PCF based refractive index sensors/biosensors and Nanophotonics	IT/CSE/CA/ECE/MAE	2

University School of Architecture and Planning

S.no	Name of the Faculty	Designation	Discipline	Specialization	No. of slots to be filled in 2025-26
1	Prof. Neeraja Lugani Sethi	Dean	Architecture & Planning	Architecture , Planning, Healthcare and Infrastructure, Energy Conservation.	01
2	Dr. Bipasha Kumar	Associate Professor	Architecture & Planning	Disaster Risk Management, Architecture Pedagogy, Urban Design	06
3	Dr. Charu Nangia	Associate Professor	Architecture & Planning	Architecture, Safe Built Environment, Sustainable Development, Urban Planning and Housing	06

4	Dr. Jyoti Singh	Assistant Professor	Architecture & Planning	Architectural Education and Research, Energy Efficiency in Buildings, Sustainability in Built Environment	04
5	Dr. Rashi Gupta	Assistant Professor	Architecture & Planning	Land Management, Urban Planning, Real Estate, Housing	04

University School of Medicine & Para Medical Health Sciences

S. No.	Name of Recognized Supervisor	Designation	Discipline in which the supervisor is recognized	No. of slots to be filled in 2025-26
1.	**Prof. (Dr.) Rohini Gupta Ghasi**, Department of Radiodiagnosis, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Radio diagnosis**	3
	Pathology			
2.	**Prof. (Dr.) Geetika Khanna**, Principal & Professor, Department of Pathology, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Pathology**	3
	Sports Medicine			
3.	**Prof. (Dr.) Davinder Singh**, Sports Injury Centre, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Sports Injury**	3
	Hematopathology			
4.	**Prof. (Dr.) Monika Sharma**, Department of Haematology, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Associate Professor	**Hematopathology**	3
	Anaesthesiology			
5.	**Prof. (Dr.) Madhu Dayal**, Department of Anaesthesiology, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Anaesthesiology**	3
	Physiology			
6.	**Prof. (Dr.) Renuka Sharma,** Department of Physiology, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Physiology**	3
	Obstetrics & Gynaecology			
7.	**Prof. (Dr.) Jyotsna Suri**, Department of Obstetrics & Gynaecology, VMMC & SJH, N.D.	Professor	**Obstetrics & Gynaecology**	3
8.	**Prof. (Dr.) Bindu Bajaj**, Professor & HOD, Department of Obstetrics & Gynaecology, VMMC & SJH, N.D.-110029	Professor	**Obstetrics & Gynaecology**	3
	Paediatrics			
9.	**Prof. (Dr.) Dinesh Kumar,** Department of Paediatrics, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Paediatrics**	3
10.	**Prof. (Dr.) Hema Gupta,** Department of Paediatrics, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Paediatrics**	3
	Endocrinology			
11.	**Prof. (Dr.) Bindu Kulshreshtha**, Department of Endocrinology, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Endocrinology**	3
	Plastic & Reconstructive Surgery			
12.	**Prof. (Dr.) Rakesh Kain**, Department of Plastic & Reconstructive Surgery, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Plastic & Reconstructive Surgery**	3
13.	**Prof. (Dr.) Durga Karki**, Department of Plastic & Reconstructive Surgery, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Plastic & Reconstructive Surgery**	3
	Community Medicine			
14.	**Prof. (Dr.) Richa Kapoor**, Department of Community Medicine, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Community Medicine**	3
	Forensic Medicine			
15.	**Prof. (Dr.) Manish Kumath**, Department of Forensic Medicine, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Forensic Medicine**	3

Anatomy				
16.	**Prof. (Dr.) Vandana Mehta**, Department of Anatomy, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Anatomy**	3
17.	**Prof. (Dr.) Jyoti Arora**, Department of Anatomy, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Anatomy**	3
18.	**Prof. (Dr.) Rashmoni Jana**, Department of Anatomy, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Anatomy**	3
19.	**Prof. (Dr.) Hitendra Loh**, Department of Anatomy, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Anatomy**	3
20.	**Prof. (Dr.) Jasbir Kaur**, Department of Anatomy, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Anatomy**	2
21.	**Prof. (Dr.) Puja Chauhan,** Department of Anatomy, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Anatomy**	3
Microbiology				
22.	**Prof. (Dr.) Deepthi Nair**, Department of Microbiology, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Microbiology**	3
23.	**Prof. (Dr.) Nandini Duggal**, Department of Microbiology, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Microbiology**	3
24.	**Prof. (Dr.) Nirmaljit Kaur**, Department of Microbiology, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Microbiology**	3
25.	**Prof. (Dr.) Shalini Malhotra**, Department of Microbiology, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Microbiology**	3
26.	**Prof. (Dr.) Malini R. Capoor**, Department of Microbiology, Vardhman Mahavir Medical College & SJH, New Delhi – 29	Professor	**Microbiology**	3
27.	**Prof. (Dr.) Shilpee Kumar**, Department of Microbiology, Vardhman Mahavir Medical College & SJH, New Delhi – 29	Professor	**Microbiology**	3
28.	**Prof. (Dr.) Monika Matlani**, Associate Professor, Department of Microbiology, VMMC & SJH, New Delhi – 29	Professor	**Microbiology**	3
Neonatology				
29.	**Prof. (Dr.) Arti Maria**, Department of Neonatology, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Neonatology**	3
Pharmacology				
30.	**Prof. (Dr.) Veena Verma,** Department of Pharmacology, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi	Professor	**Pharmacology**	3
Psychiatry				
31.	**Prof. (Dr.) R.P Beniwal,** Department of Psychiatry, Atal Bihari Vajpayee Institute of Medical Sciences, New Delhi	Professor	**Psychiatry**	3
Physiotherapy				
32.	**Prof. (Dr.) Chitra Kataria,** Principal and Chief of Rehabilitation Services, Indian Spinal Injuries Centre, Institute of Rehabilitation Sciences, Vasant Kunj, New Delhi	Professor	**Physiotherapy**	3
33.	**(Dr.) Megha Nijhawan,** , Indian Spinal Injuries Centre, Institute of Rehabilitation Sciences, Vasant Kunj, New Delhi	Associate Professor	**Physiotherapy**	3
Nuclear Medicine				
34.	**Prof. (Dr.) Ravinder Singh Sethi,** Consultant & Professor in Department of Nuclear Medicine, VMMC & Safdarjung Hospital, New Delhi – 110029	Professor	**Nuclear Medicine**	3
Neurology				
35.	**Prof. (Dr.) Bhupender Kumar Bajaj,** Director Professor & Head (Neurology) VMMC & SJH, New Delhi – 110029	Professor	**Neurology**	3

University School of Chemical Technology

S.No.	Name of the Recognized Supervisor	Designation	Specialization	No. of slots to be filled in 2025-26
1.	Dr. U.K. Mandal	Professor	Polymer Engineering, Engineered Catalysts, Hydrogels, Membrane Technology	03
2.	Dr. Arinjay Kumar	Professor	Bioprocess, Modelling & Simulation; Industrial Pollution	03
3.	Dr. Tapan Sarkar	Professor	Engineered nanomaterial for sensor and energy applications	02

4.	Dr. S.K. Sharma	Professor	Nano technology for heat transfer, Waste treatment; Extraction	01
5.	Dr. Biswajit Sarkar	Professor	Membrane based separation process, Membrane synthesis, Wastewater treatment, Bioprocessing, Process odeling, and Process intensification	02
6.	Dr. Aradhana Srivastava	Professor	Bioprocess Engineering, Fermentation Technology, current research focus is on products and process development from bacteria, yeast, and microalgae for biofuels such as hydrocarbon, biodiesel, pigments proteins, and other value-added products	02
7.	Dr. Sanigdha Acharya	Professor	Chemical engineering, water treatment, electrocoagulation, petroleum engineering	02
8.	Dr. Dinesh Kumar	Professor	Chemical Engineering (Bio-fuels and Advanced Materials for Energy Storage, catalysis, water treatment)	04
9.	Dr. Rakesh Angira	Associate Professor	Modeling and simulation, Evolutionary computation, Process systems engineering, Chemical Engineering, Optimization of Bioprocess	02
10.	Dr. Monisha Mandal	Associate Professor	Heat Transfer, Computational Fluid Dynamics, Multiphase flows, Process intensification, Life cycle assessment study	03
11.	Dr. Vinita Khadegar	Assistant Professor	Chemical Engineering	02
12.	Dr. Deepak Garg	Assistant Professor	Pollution Abatement	02

University School of Law & Legal Studies

S. No.	Faculty Name	Designation	Current Research Area	No. of slots to be filled in 2025-26
1.	Prof. Queeny Pradhan	Professor & Dean	Legal History	00
2.	Prof. Kanwal D.P. Singh	Professor	Corporate Law, Tax Law, Land Laws, , Human Right	00
3.	Prof. Deepshikha Agarwal	Professor	Criminology, Tribal Rights, Gender Issues,	00
4.	Prof. Shivani Goswami	Professor	Family Law, Gender Issues, Competition Law, Human Rights, Constitutional Law,	01
5.	Prof. Lisa .P. Lukose	Professor	Cyber Law, Intellectual Property Laws, Human Rights, Women & Law	00
6.	Prof. Anuj Kumar Vaksha	Professor	International Investment Law, International Humanitarian Law, Corporate Law, Jurisprudence	00
7.	Prof. Upma Gautam	Professor	Criminal law, Criminal procedural law, Gender studies, Law an geography, Criminology, penology and victimology	00
8.	Prof. Kavita Solanki	Professor	Environmental Law, Labour Law, Business Law	00
9.	Prof. Ravinder Kumar	Professor	Constitutional Law, Human Rights, Social Justice, Law & Social Transformation, Procedural Law, Women & Law	00
10.	Prof. Rakesh Kumar	Professor	Constitutional Law, Taxation Law, Administrative Law, Election law, Environmental Law	00
11.	Prof. Vandana Singh	Professor	Intellectual Property Right, ADR, International Arbitration, Private International Law	01

12.	Prof. Anuradha Jha	Professor	Interactional Dimensions of Law & Economics, Economic analysis of Tort Law, Criminal Law, Contract Law, Corporate (National & International)	00
13.	Prof. Neelu Mehra	Professor	Gender Law, Property Law, Criminology, Land Laws, Consumer Law,	00
14.	Prof. Gurujit Singh	Professor	Cyber Law, Intellectual Property Right, International Law, International Trade Law, Law & Technology	00
15.	Dr. Zubair Ahmed Khan	Assistant Professor	Intellectual Property Right, Environmental Laws, Corporate Law and Criminal Law,	01
16.	Dr. Rakesh Kumar Handa	Assistant Professor	Criminal Justice System, Restorative Justice System, Commercial Laws, Corporate Laws; Cyber Law, Tax Law, Consumer Laws	01
17.	Dr. Vani Prakash	Assistant Professor	Criminal Justice System, Criminology, Victimology, Human Rights, Restorative Justice, Women & Law	00

University School of Liberal Arts

No Vacant Slots

University School of Design and Innovation

Sl. No.	Name of the Supervisor	Designation	Current Research Area	No. of slots to be filled in 2025-26
1	Dr. Nanki Nath	Assistant Professor	Design	01
2	Dr. Nikhilesh Sharma	Assistant Professor	Design	00
3	Dr. Tiju T. Thomas	Assistant Professor	Design	00

University School of Automation and Robotics

S.No	Name of Recognized Supervisor	Designation	Specialization	Discipline in which the Supervisor has been recognized	No. of slots to be filled in 2025-26
1	Prof Ajay Singh Singholi	Professor	3D printing, Robotics & Automation, Mechatronics systems, Advanced Manufacturing	Automation and Robotics	04
2	Dr Rahul Johari	Associate Professor	Cloud Computing, Blockchain Technology, Cyber Security, Metaverse, wireless network, IoT	Artificial Intelligence -Data Science And Artificial Intelligence – Machine Learning	01
3	Dr Ashish Joshi	Assistant Professor	AI in cyber security		02
4	Dr Amrit Pal Singh	Assistant Professor	Swarm Algorithms, Algorithms, Machine Learning, Machine Learning optimization.		01
5	Dr Amar Arora	Assistant Professor	AI in Cloud Infrastructure, AI in Cloud Management, AI in Cyber Security, Security in Data Warehouse. Security in Web services architecture.		02
6	Dr Sanjay Kumar Singh	Assistant Professor	Machine Learning, Deep Learning, Computer Vision, Medical Image Processing, Swarm Intelligence		3
7	Dr Amit Choudhary	Assistant Professor	Machine Learning, Soft Computing, Data Science, Deep Learning, Computer Vision		2
8	Dr Atul Tripathi	Assistant Professor	Machine Learning, Deep Learning, Nature Inspired Computing & Quantum Computing in AI, Computer Vision		1
9	Dr Renu Dalal	Assistant	Wireless Network, Machine Learning,		2

		Professor	Security, Big Data, Blockchain, and Data Science.		
10	Dr Manisha Parlewar	Assistant Professor	Machine Learning, Signal and Image Processing, Data Science, Deep Learning, Computer Vision		2
11	Dr Sumit Chaudhary	Assistant Professor	Surface engineering and Tribology, Advanced Materials, Additive manufacturing (3D printing), Advanced Manufacturing.	Automation and Robotics	4
12	Dr Ravi Butola	Assistant Professor	Advanced Manufacturing, Robotics and Automation		2
13	Dr Rajendra Arya	Assistant Professor	3D printing, Robotics & Automation, Mechatronics systems, Advanced Manufacturing, Advanced Materials, Microfluidics, etc.		2
14	Dr Pushp Kumar Baghel	Assistant Professor	Welding Technology, Production Automation, Modelling and Simulation, Application of Design of Experiments		03
15	Dr Khyati Chopra	Assistant Professor	Wireless Security, Building Smart IoT Applications using Machine Learning/AI, Game Theory, Cognitive Communication	Industrial Internet of Things	03
16	Dr Manoj Kumar	Assistant Professor	Advanced semiconductor devices characterization, modeling, and simulation, Radiation Effects (Gamma, heavy-ions, and X-rays) in advanced semiconductor Devices, Neuromorphic computing, Semiconducting Qubits, and peripheral Cryogenic Electronics, FPGA-based hardware-level security for IoT, Semiconducting Sensors for IoT, Brain Computer Interface-based IoT Systems		03
17	Dr Neeta Singh	Assistant Professor	Antennas, Microwave devices, Rf Energy Harvesting for IOT devices, Rectenna, Wireless Power Transmission, green energy communication using Machine learning		03
18	Dr Ghanendra Kumar	Assistant Professor	Fiber-optic communication system, Fiber-Wireless communication, Electronics Engineering.		03
19	Dr Subhash Nimanpure	Assistant Professor	THz Detector, IR Detector, THz imaging, 6G communication, IoT devices, homeland security, Topological Insulator, MOFs, Supercapacitor, Superconductivity		02

University School of Education

Sl. No.	Name of the Supervisor	Designation	Discipline with Specialization	No. of slots to be filled in 2025-26
1	Prof. Saroj Sharma	Dean	• Indian Knowledge System (IKS) Integration in Curriculum • Educational Administration & Management • Curriculum Studies • Science Education • Educational Philosophy • Teacher Education • Gender Studies • Value and Peace Education • Environmental Education	00
2	Prof. Dhananjay Joshi	Professor	• Education • Teacher Education • Social Science Education • IKS & Value Education	06
3	Dr. Shalini Yadava	Associate Professor	• Curriculum Studies • Teacher Education Psychology of Teaching Learning • Philosophical Foundation of Education • Education, Gender & Society • Pedagogical Sciences	00

4	Dr. Amit Ahuja	Associate Professor	• Science Education. • Guidance & Counseling • Environmental Education • Curriculum Studies • ET, ICT	00
5	Dr. Anjali Shokeen	Associate Professor	• Teacher Education • Curriculum studies • Educational Psychology • Commerce Education • Educational Administration and Management	00
6	Dr.Anviti Rawat	Associate Professor	• Teacher Education • Guidance & Counselling • Educational Administration, • Educational Teaching • Educational Psychology • Commerce Education • IKS • Entrepreneurship Education	02
7	Dr. Neetu Sharma	Assistant Professor	• Education – ICT/ET • Computer Education • eContent Development • Curriculum Development • Capacity Development • Educational Management • Administration and Leadership • Teacher Education • School Education	02
8	Dr. Suraj Kumar	Assistant Professor	• Education • Inclusive Education • Special education • Diversity • Curriculum Adaptations • ICT	00
9	Dr. Pooja	Assistant Professor	• Teacher Education • IKS, School Education • Science Education • Environment Education	02

Centre of Excellence in Disaster Management

Sl. No.	Name of the Supervisor	Designation	Specialization	Discipline in which the Supervisor has been recognized	Number of slots to be filled 2025-26 (winter)
1	Prof. Varun Joshi	Professor	Disaster Management	Watershed management, Climate change, Natural Disaster Management, Environmental Geology	01
2	Prof.Neeraja Lugani Sethi	Professor	Disaster Management	Architect , Healthcare and Infrastructure Planning and Energy Conservation	01
3	Prof.Anuj K. Vaksha	Professor	Disaster Management	Disaster Management Law, Policy and Institutions; Community based Disaster Management; UNO and other Global Framework for Disaster Management	01
4	Prof. Ashish Payal	Professor	Disaster Management	Information Technology	01
5	Prof. Durgesh Tripathi	Professor	Disaster Management	Media and Youth, Digital Natives	01
6	Prof. Upma Gautam	Professor	Disaster Management	Law and geography, sustainability studies, vulnerability studies, inequalities and social justice exacerbated by disasters	01

Centre of Excellence in Pharmaceutical Sciences

Sl. No.	Name of the Supervisor	Designation	Specialization	Discipline in which the Supervisor has been recognized	Number of slots to be filled 2025-26 (winter)
1	Dr. Ravi Bhushan Singh	Associate Professor	Pharmacy	Pharmacy	03