

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

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OFFICE OF THE DIRECTOR (RESEARCH & CONSULTANCY)

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F.No. GGSIPU/DRC/Ph.D./2021/375

Subject: Revised List of Vacant slots to be filled under Ph.D./M.Phil

Dated: 28/06/2021

Programmes for the academic session 2021-22.

Ph.D.

• University School of Management Studies

S1. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2021-22
1	Prof. A.K. Saini	Professor/Dean	Information Technology, MIS, Knowledge Management, Technology Management.	3
2	Prof. Neena Sinha	Professor	Marketing, Strategy, Development Informatics	2
3	Dr. Udita Taneja	Professor	Information Systems Management, Healthcare Management & Management of Technology	2
4	Prof. Shalini Garg	Professor	Human Resource Management, OB, Organization Development (OD), Strategic Human Resource Management (SHRM)	1
5	Prof. Vijita S. Aggarwal	Professor	International Business, Education Management, Marketing	2
6	Dr. Puja Khatri	Professor	Organization Behaviour, Human Resource Management	2
7	Dr. Sanjay Dhingra	Professor	IT, Banking	3
8	Dr. Gagan Deep Sharma	Associate Professor	Finance	3
9	Dr. Divya Verma	Assistant Professor	Finance	2
10	Dr. Ashish Kumar	Assistant Professor	Finance	1
11	Dr. Shilpa Jain	Assistant Professor	HR & OB	1

• <u>University School of Chemical Technology</u>

S1. No.	Name of Recognised Supervisor	Designation	Current Research Area	NO OF SLOTS 2021-22
1	Prof. U K Mandal	Dean and Professor	Polymer Engineering, Polymer based Nanocatalyst, Photocatalyst, Antibacterial Nanomaterials,	2
2	Dr. Arinjay Jain	Professor	Bioprocess, Modeling & Simulation; Industrial Pollution	2

3	Dr. Biswajit Sarkar	Professor	Application of separation technology (Membrane separation, adsorption etc.) in waste water treatment, food biopressing etc., process modeling, optimization and	3
			process intensification	
4	Dr. Tapan Sarkar	Professor	Engineered Nanomaterials for Sensor and Bio Sensor and Energy Applications	3
5	Dr.S.K.Sharma	Professor	Membrane Seperation Modeling and Seperation Process	3
6	Dr. Neeru Anand	Professor	Biofuels; Catalysis and Reaction Engg; Biomass Valorization; e-waste management	3
7	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	4
8	Dr. Rakesh Angira	Assoc. Professor	Modelling and Simulation, Chemical Engineering	3
9	Dr. Sanigdha Acharya	Assoc. Professor	Chemical engineering, water treatment, electrocoagulation, petroleum engineering	3
10	Dr. Vinita Khandegar	Asstt. Professor	Chemical Engineering	1
11	Dr. Dinesh Kumar	Asstt. Professor	Chemical Engineering (Bio-fuels and Advanced Materials for Energy Storage, catalysis, water treatment)	2
12	Dr. Monisha Mridha Mandal	Asstt. Professor	Heat Transfer, multiphase flows	3
13	Dr. Deepak Garg	Asstt. Professor	Pollution Abatement	4

• University School of Biotechnology

S1. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2021-22
1 Dr. K.K. Aggarwal Dea		Dean/ Professor	Enzymes, Proteomics, Plant-insect interactions, Protease inhibitor – Protease interactions, Plant biochemistry and molecular biology	1
2	2 Dr. N. Raghuram Professor Plant Molecular Biology, and Functional Genomics of G-protein signaling and nitrogen use efficiency.		2	
3	Dr. Meenu Kapoor	Professor Molecular Biology & Functional Genomics & Epigenomics		2
4	Dr. Promila Gupta	Professor	Plant Biotechnology	2
5	Dr. Nimisha Sharma	Professor	Molecular Biology	1
6	Dr. Ranjit Kumar C.T.	Associate Professor	Virology and Innate Immune Responses	1
7	Dr. Gaurav Pandey	Associate Professor	Fermentation, Vaccine, Diagnotics & Therapectic product development, Protein expression & purifection	1
8	Dr. Ram Singh Purty	Assistant Professor	Plant Molecular Biology, Abiotic Stress Biology and Bioinformatics	1

• University School of Environment Management

Sl. Name of the Supervisor Designation		Designation	Current Research Area	NO OF SLOTS 2021-22	
1.	1. Prof. N.C. Gupta Pr		Energy, Air, Water pollution, Climate change and EIA	04	
2.	Prof. Amarjeet Kaur	Professor	Environmental Management, Bioremediation, Remote Sensing/GIS application in Environment and Disaster Management	01	
3.	Prof. P. Bhattacharya	Professor	Natural Resource Management, Biodiversity & Conservation	02	
4.	Prof. Rita Singh	Professor	Botany (Systematic, Reproductive biology Ethno biology and Biodiversity conservation)	01	
5.	Prof. Varun Joshi	Professor	Watershed management, Climate change, Natural Disaster Management, Environmental Geology	01	
6.	Prof. Anubha Kaushik	Professor	Bioremediation, Waste to Energy, Ecosystem Studies, Environment Management	01	
7.	Prof. Kiranmay Sarma	Professor	Remote Sensing and GIS in EM/NRM/ B&C	02	
8.	Dr. Anshu Gupta	Assistant Professor	Water & Waste Water Treatment , Bioremediation Management, Environment	Nil	
9.	Dr. Deeksha Katyal	Assistant Professor	Environmental Modelling / Statistics Instrumentation/ Water quality analysis and index mapping, Synthesis of new membranes for waste water treatment	Nil	
10.	Dr. Pamposh	Assistant Professor	Ecology & Conservation of Wetlands	Nil	
11.	Dr. Sanjay Keshari Das	Assistant Professor	Animal Biosystematics, Reptiles and Spiders, Field Ecology	01	
12.	Dr. Sumit Dookia	Assistant Professor	Wildlife Biology, Animal Ecology and Biodiversity Conservation	01	
13.	Dr. Tuisem Shimrah	Assistant Professor	Ecology, Natural Resources Management	Nil	
14	Dr. Neetu Rani	Assistant Professor	Waste Water Treatment (Environmental Science)	Nil	

• University School of Basic & Applied Sciences

S.No	Name of the Recognised Supervisor	Designation	Discipline with Specialization	No. of slots to be filled in 2021-22
1	Prof. Anu Venugopalan	Professor	Discipline: Physics Specialization: Theoretical Physics: Quantum Information, Foundations of Quantum mechanics	01
2			Specialization: Pharmaceutical / Medicinal Chemistry, Natural Chemistry, Drug Designing (Bioinformatics), Dye – sensitized Solar Cell, Organo-metallic Chemistry,	02
3	Prof. Shruti Aggarwal	Professor	Discipline: Physics Specialization: Solar Photovoltaics, Dosimetry, Crystal growth, Silver nanowires based transparent contacts, perovskite materials.	03
4	Prof. Anindya Datta	Professor	Discipline: Physics Specialization: Physics/Nanoscience and Technology/Solid/ State Physics	03
5	Prof. Rashmi Bhardwaj	Professor	Discipline: Mathematics Specialization: Applied Mathematics 1. Nonlinear Dynamics, 2. Ordinary-Partial Differential Equations, 3. Numerical Analysis and Simulation, 4. Atmospheric & Environmental Sciences, 5. Soft Computing – Machine learning, AI, Fuzzy Mathematics, Neural Networking, 6. Optimization Techniques 7. Data Sciences and Mining	03
6	Prof. Vaishali Singh	Professor	Discipline: Chemistry Specialization: Physical Chemistry/Nanocomposites, Mesoporous materials for sensing applications	03
7	Dr. Tapan K. Jain	Associate Professor	Discipline: Chemistry Specialization: Nanotechnology for Drug Delivery and Imaging (theranostic applications) / Surface science and engineering. (Nanomedicine) (Experimental)	02
8	Dr. Rajesh Kumar	Associate Professor	Discipline: Physics Specialization: Material Science, Condensed Matter Physics, Nano Science, ion beam engineering of nanostructure materials, Template-based electro desposition of metal and semiconductor nanowires, Polymers/Nanocomposite polymers, Oxide based thin films, Energy storage devices (Lithium-ion battery and Supercapacitor), Gas sensors	02
9	Dr. Gulshan Kumar	Associate Professor	Discipline: Chemistry Specialization: Polymer Synthesis, natural Composites thin films and nano composites	03
10	Dr. Abha Aggarwal	Associate Professor	Discipline: Mathematics Specialization: (Mathematical programming, Fuzzy mathematical programming, Fuzzy matrix games, Portfolio optimization, Data envelopment analysis	02
11	Dr. Kriti Batra	Associate Professor	Discipline: Physics Specialization:	02

			Atomic Molecular Physics (Molecular Modelling and Spectroscopy, DFT studies, Quantum Heterostructures)	
12	Dr. Satyabrata Mohapatra	Assistant Professor	Discipline: Physics Specialization: Nanoscience & Nanotechnology, Plasmonics, Photocatalysis, Catalysis, Gas Sensing, Biosensing, SERS, Ion beam technology, Water Purification	01
13	Dr. S. Neeleshwar	Assistant Professor	Discipline: Physics Specialization: Nanomaterials Thermoelectric Materials Magnetic Material Superconductivity	01
14	Dr. Arif Ali Khan	Assistant Professor	Discipline: Chemistry Specialization: Inorganic Chemistry	01
15	Dr. Leena Khanna	Assistant Professor	Discipline: Chemistry Specialization: Synthetic Organic and Natural Product Chemistry, Computational Chemistry.	01
16	Dr. Anjana Bagga	Assistant Professor	Discipline: Physics Specialization: Mesoscopic condensed matter physics-optical and transport properties of semiconductor nanostructures, nanostructured thermoelectric materials, solar cells	02
17	Dr. Shipra Mital Gupta	Assistant Professor	Discipline: Chemistry Specialization: Synthesis, Characterization and Applications of Nanomaterials	01
18	Dr. Ram Shankar Gupta	Assistant Professor	Discipline: Mathematics Specialization: Differential Geometry	02
19	Dr. Yogesh K. Tyagi	Assistant Professor	Discipline: Chemistry Specialization: Organic Chemistry	00

• <u>University School of Humanities & Social Sciences</u>

S1. No.	Name of the Supervisor	Supervisor Designation Current Research Area			
1	Prof. Manpreet K. Kang	Dean/ Professor	American Literature, Women's Studies, Diaspora Studies, Gender Studies	1	
2	Prof. Anup Singh Beniwal	Professor	Partition Literature, Indian English Literature	1	
3	Prof. Ashutosh Mohan	Professor	Literature and Science, Paintings, Politics of Aesthetics	0	
4	Prof. Vivek Sachdeva	Professor	Film Studies, Adaptation Studies, Cultural Studies and Narrative Theory	3	
5	Dr. Shuchi Sharma	Associate Professor	Indian Theater, Gender Studies, Modern World Drama, Communication Studies	2	
6	Dr. Naresh K. Vats	Assistant Professor	Indian English Literature, Popular Culture and Literature, Film Studies	0	
7	Dr. Chetna Tiwari	Assistant Professor	Indian Writing in English and Cultural Studies	2	
8	Dr. Sami Ahmad Khan	Assistant Professor	Science Fiction, Popular Fiction, Speculative Fiction	2	
9	Dr. Shubhanku Kochar	Assistant Professor	African and African Diasporic Literature, Literature and Environment	1	

Sociology

10	Deepshikha Aggarwal	Professor	Medical	Sociology,	Tribal	Studies	and	3
			Criminol	ogy, Minority	Studies			

Economics

11	Dr. Prarthna Agarwal Goel	Asstt. Professor	Economics o	Economics of Gender, Economics of Crime,		
	_		Household	Economics,	Development	
			Economics			

• University School of Law & Legal Studies

S1. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2021-22
1	Prof. Amar Pal Singh	Dean/ Professor	Constitutional Environmental Law	1
2	Prof. Kanwal DP Singh	Professor	Corporate law, Taxation, Land Laws, Law Poverty and Development	1
3	Prof. Queeny Pradhan	Professor	Legal History	1
4	Prof. Lisa P. Lukose	Professor	Law: Intellectual Property Laws Human Rights, Women & Law	2
5	Prof. Shivani Goswami	Professor	Family Law, Women & Law, Criminal Law	2
6	Prof. Anuj Kr. Vaksha	Professor	International Investment Law, International Humanitarian Law	0
7	Dr. Rakesh Kumar	Associate Professor	Constitutional Law, Taxation, Corporate Law	2
8	Dr. Ravinder Kumar	Associate Professor	Constitutional Law and Procedural Law	1
9	Dr. Kavita Solanki	Assistant Professor	Environmental Law, Labour Law, Business Law	2
10	Dr. Upma Gautam	Assistant Professor	Criminal Law, Procedural Law	1
11	Dr. Vandana Singh	Assistant Professor	IPR, ADR, Consumer Laws, Insurance Law	1
12	Dr. Neelu Mehra	Assistant Professor	Property Law, Criminology, Land Law	1
13	Dr. M. Sakthivel	Assistant Professor	IPR, Enviormental Laws , Human Rights	1
14	Dr. Rakesh Kumar Handa Assistant Professor		Corporate Law, Commercial Laws, Income- Tax, Criminal Justice System, Cyber Law, Restorative Justice System	1
15	Dr. Zubair Ahmed Khan	Assistant Professor	IPR, Enviormental Laws, Corporate Law and Criminal Law, Human Rights	2

• University School of Education

There is no Ph.D Admission for the Academic Year 2021-2022

• University School of Mass Communication

S1. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2021-22
1	Dr. Sarvesh Dutt Tripathi	Assistant Professor	01	
2	Dr. Kulveen Trehan	Assistant Professor	Advertizing & PR, New Media Studies, Advocacy, Media Literacy and Sports Communication	01
3	Dr. Sweta Singh	Assistant Professor	Journalism, Broadcast and Digital / New Media, Development Communication and Media Studies	02

• University School of Information, Communication & Technology

Sr. NO.	Name of the Supervisor	Designation	Research Area proposed for Admission	No. of slots to be filled in 2021-22		
				CSE/IT/CA	ECE	MAE
1.	Prof. Nupur Prakash	Professor	Mobile Computing, Wireless Networks, IoT, Artificial Intelligence & Machine Learning	3	0	0
2.	Prof. B.V.R. Reddy	Professor	Mobile Computing Wireless Network, IoT	1	1	0
3.	Prof. Navin Rajpal	Professor	Image Processing, Pattern Recognition, Computer Vision, Application of Machine Learning, GIS, and Computer Graphics	2	2	0
4.	Prof. C.S. Rai	Professor	Signal Processing, ANN, Networking	1	1	0
5.	Prof. Arvinder Kaur	Professor	Software Engineering, Empirical Software Engineering, Machine Learning application, Data Analytics	3	0	0
6.	Prof. Anjana Gosain	Professor	Software Engineering, Data Warehousing and Data Mining, Data Analytics	1	0	0
7.	Prof. Udayan Ghose	Professor	Soft Computing, Data Analysis, Information Theory	2	0	0
8.	Prof. Bharti Suri	Professor	Software Engineering, Software Testing, Machine Learning	4	0	0
9.	Prof. Amit Prakash Singh	Professor	Data Science, IoT, Machine Learning, Artificial Intelligence, Deep Learning application	2	1	0
10.	Prof. Pushpendra Singh Bharti	Professor	Advanced Manufacturing Process, Robotics Engineering, 3D Printing	0	0	4
11.	Prof. Manoj Kr. Taleja	Professor	VLSI Design, Microelectronics, Low Power Design	0	4	0
12.	Prof. Anju Saha	Professor	Software Engineering, Software Testing, Machine Learning application	3	0	0
13.	Prof. Ravinder Kr. Purwar	Professor	Digital Image/ Video Processing/ Pattern Recognition using ML	3	2	0
14.	Prof. V.P. Vishwakarma	Professor	Digital Image Processing, Pattern Recognition, Machine Learning	3	1	0
15.	Prof. Anurag Jain	Professor	Speech Processing, Cyber Security, Social Media Analysis	2	0	0

16.	Prof. Sanjay Kr. Malik	Professor	Semantic Web, Web Technologies	2	0	0
17.	Dr. Vandana Nath	Associate Professor	Electronic Devices & circuits, Modelling of HEMTs & MOSFETs, Antenna	0	3	0
18.	Dr. Sartaj Singh Sodhi	Associate Professor	Neural Networks, Machine Learning application	3	0	0
19.	Dr. M. Bala Krishna	Assistant Professor	Mobile Comm. N/w, Wireless Networks IoT, Security, Data Analytics, AI & ML	2	0	0
20.	Dr. Manoj Kr. Satyarthi	Assistant Professor	Machining Finishing, Automation, Robotics, Ergonomics	0	0	2
21.	Dr. Jaspreeti Singh	Assistant Professor	Software Engineering, Data Warehousing, Data Mining, Application of ML	2	0	0
22.	Dr. Mansi Jhamb	Assistant Professor	VLSI Design, Analog & Digital Signal Processing, Microelectronics	0	1	0
23.	Dr. Jyotsna	Assistant Professor	Digital image processing, pattern recognition, computer vision, ML application	1	0	0
24.	Dr. Chakresh Kumar	Assistant Professor	Optical Fibre Communication, Electronics & Communication Engineering	0	1	0
25.	Dr. Rahul Johari	Assistant Professor	Cryptography, Cloud Computing, IoT, Blockchain Technology, Wireless Network, Quantum Computing	1	0	0
26.	Dr. Reena Gupta	Assistant Professor	Data Science, Bio-Informatics and Deep Learning	2	0	0

• University School of Medicine & Para Medical Health Sciences

S1. No.	Name of the Supervisor	Designation	Current Research Area	Number of Slots 21-22
1	Prof. (Dr.) Yatish Agarwal, Department of Radiodiagnosis, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Radiodiagnosis	3
2	Prof. (Dr.) Sumita Saluja, Department of Hemato-Pathology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Hemato-Pathology	3
3	Prof. (Dr.) Madhu Dayal, Department of Anaesthesiology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Anaesthesiology & Critical Care	3
4	Prof. (Dr.) Kapil Gupta, Department of Anaesthesiology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Anaesthesiology & Critical Care	3
5	Prof. (Dr.) Supriya Gupta, Department of Physiology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Physiology	3
6	Prof. (Dr.) Raj Kapoor, Department of Physiology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Physiology	2
7	Prof. (Dr.) Leena Wadhwa, Department of Obstetrics & Gynaecology, ESI- PGIMSR, Basaidarapur	Professor	Obstetrics & Gynaecology	3

8	Prof. (Dr.) Jyoti Bagla, Professor, Department of Paediatrics, ESI- PGIMSR, Basaidarapur	Professor	Paediatrics	3
9	Prof. (Dr.) Bindu Kulshresta, Department of Endocrinology, Atal Bihari Vajpayee Institute of Medical Sciences	Professor	Endocrinology	3
10	Prof. (Dr.) Rakesh Kain, Professor, Department of Plastic & Reconstructive Surgery, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Plastic & Reconstructive Surgery	3
11	Prof. (Dr.) Durga Karki, Department of Plastic & Reconstructive Surgery, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Plastic & Reconstructive Surgery	3
12	Prof. (Dr.) Jugal Kishore, Department of Community Medicine, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Community Medicine	2
13	Prof. (Dr.) Manish Kumath, Department of Forensic Medicine, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Forensic Medicine	3
14	Prof. (Dr.) Vandana Mehta, Department of Anatomy, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Anatomy	3
15	Prof. (Dr.) Rashmoni Jana, Department of Anatomy, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Anatomy	3
16	Prof. (Dr.) Hitendra Loh, Department of Anatomy, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Anatomy	3
17	Dr. Puja Chauhan, Department of Anatomy, Safdarjung Hospital & Vardhman Mahavir Medical College	Associate Professor	Anatomy	2
18	Dr. Jasbir Kaur, Department of Anatomy, Safdarjung Hospital & Vardhman Mahavir Medical College	Associate Professor	Anatomy	2
19	Prof. (Dr.) Deepthi Nair, Department of Microbiology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Microbiology	3
20	Prof. (Dr.) Sumathi Muralidhar, Department of Microbiology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Microbiology	3
21	Prof. (Dr.) Dimple Kasana, Department of Microbiology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Microbiology	3
22	Prof. (Dr.) Rajni Gaind, Department of Microbiology, Safdarjung Hospital & Vardhman Mahavir Medical College	Professor	Microbiology	2
23	Prof. (Dr.) Shalini Malhotra, Department of Microbiology, Atal Bihari Vajpayee Institute of Medical Sciences	Professor	Microbiology	3
24	Prof. (Dr.) Rakesh Kumar Mahajan, Department of Microbiology, Atal Bihari Vajpayee Institute of Medical Sciences	Professor	Microbiology	3

• <u>Centre of Excellence in Pharmaceutical Sciences</u>

S1. No.	Name of the Supervisor	Designation	Current Research Area		NO OF SLOTS 2021- 22
1	*Prof. A.K. Narula	Director/Professor	1.	Pharmaceutical/	2
	(He will be superannuating			Medicinal Chemistry	
	in less than 3 years so as		2.	Natural Products	
	per the Clause-6.1 of the		3.	Drug Designing	
	Ordinance-12, an additional			(Bioinformatics)	
	recognised Co-Supervisor		4.	Biosensors	
	with adequate service left				
	shall be necessary)*				

• University School of Architecture and Planning

S1. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2021-22
1	Dr. Neeraja Lugani Sethi	Dean/Professor	Architecture, Planning, Health care and infrastructure Planning, preparedness and Disaster Management.	2

• Centre for Disaster Management Studies

The slots are in the process of finalization.

M.Phil

• <u>University School of Humanities & Social Sciences</u>

Sl. No.	Name of the Supervisor	Designation	Discipline with Specialization	NO OF SLOTS 2021-22
1	Dr. Manpreet K. Kang	Dean/ Professor	English	3
2	Dr. Anup Singh Beniwal	Professor	English	3
3	Dr. Ashutosh Mohan	Professor	English	3
4	Dr. Vivek Sachdeva	Professor	English	3
5	Dr. Shuchi Sharma	Associate Professor	English	2
6	Dr. Naresh K. Vats	Assistant Professor	English	1
7	Dr. Chetna Tiwari	Assistant Professor	English	1
8	Dr. Sami Ahmad Khan	Assistant Professor	English	1
9	Dr. Shubhanku Kochar	Assistant Professor	English	1

(Prof. N. C. Gupta)