



# 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./2018/

Dated: 05/07/2018

**Subject: List of Vacant slots to be filled under Ph.D./M.Phil Programmes for the academic session 2018-19.**

## **Ph.D.**

### **University School of Management Studies**

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1.	Dr. Uditaneja	Professor	Information Systems Management, Healthcare Management & Management of Technology	2
2.	Dr. Meenakshi Handa	Professor	Marketing	1
3.	Dr. Shalini Garg	Professor	Human Resource Management, OB, Organization Development (OD), Strategic Human Resource Management (SHRM)	2
4.	Dr. Sanjay Dhingra	Associate Professor	IT Management	2
5.	Dr. Gagan Deep Sharma	Assistant Professor	Finance	1
6.	Dr. Deepti Prakash	Assistant Professor	HRM, Organizational Behaviour, OD, Entrepreneurship	1
7.	Dr. Sanchita Bansal	Assistant Professor	Marketing and Entrepreneurship	2

### **University School of Chemical Technology**

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1.	Dr. Arinjay Kumar Jain	Professor	Environmental Biotechnology, Industrial Pollution, Modelling & simulation	2
2.	Dr. U.K. Mandal	Professor	Chemical Technology Specialization: Polymer Technology, Surface Engineered Photocatalysts, Membrane Surface Modification, Electromagnetic Nanocomposite Materials Technology, Water Splitting Technology	3
3.	Dr. Surendra Kr. Sharma	Associate Professor	Heat Transfer, Nano fluids, Environmental Engg.& Tech.	1

4.	Dr. Rakesh Angira	Associate Professor	Process System Engg/ Adsorption/ Modelings, Simulation, Optimizatio	2
5.	Dr. Biswajit Sarkar	Associate Professor	Advanced Separation Technology, Membrane based Separation Process, Wastewater Treatment, Process Intensifications, Bioprocessing, Modeling and Simulation of Separation Processes.	3
6.	Dr. Tapan Sarkar	Assistant Professor	Engineering nanomaterials for sensor and Energy Applications	2
7.	Dr. Neeru Anand	Associate Professor	Chemical Eng Biomass conversion to bifuels, Value added products. Energy and Environment: Green technology, Development of heterogeneous catalysts. Process safety adsorption and ion exchange.	3
8.	Dr. Dinesh Kumar	Assistant Professor	catalysts/nanomaterials for production of Biobased chemicals from biomass, air pollution, energy storage etc	2
9.	Dr. Aradhana Srivastava	Associate Professor	Bio process engineering, Fermentation Technology	2
10.	Dr. Vinita Khandegar	Assistant Professor	Electrochemical Technology & Science	3
11.	Dr. Monisha Mridha Mandal	Assistant Professor	Chemical Engineering Design Process, Heat Transfer, Multiphase Flows	2

### **University School of Biotechnology**

<b>Sl. No.</b>	<b>Name of the Supervisor</b>	<b>Designation</b>	<b>Current Research Area</b>	<b>NO OF SLOTS 2018-19</b>
1	Dr. N. Raghuram	Dean/ Professor	Plant Molecular Biology, and Functional Genomics of G-protein signaling and nitrogen use efficiency.	2
2	Prof. P.C Sharma	Professor	Genomics / Transcriptomics, Molecular Markers, Plant Biotechnology, Bio-informatics	2
3	Dr. K.K. Aggarwal	Professor	Enzymes, Proteomics, Plant-insect interactions, Protease inhibitor – Protease interactions, Plant biochemistry and molecular biology	2
4	Dr. Meenu Kapoor	Professor	Molecular Biology & Functional Genomics & Epigenomics	2
5	Dr. Suresh Kumar	Associate Professor	Pharmaceutical Biotechnology, Phytomedicine	2
6	Dr. Gaurav Pandey	Associate Professor	Metabolic Engineering, Bioprocess Engineering, Recombinant Protein production, Biotherapeutics and Vaccine Production	1
7	Dr. Ranjit Kumar C.T.	Associate Professor	Virology and Innate Immune Responses	2
8	Dr. Ram Singh Purty	Assistant Professor	Plant Molecular Biology, Abiotic Stress Biology and Bioinformatics	2

9	Dr. Rinu Sharma	Assistant Professor	Cancer Molecular Biology	2
10	Dr. Monika Gandhi	Assistant Professor	Immunological mechanisms of autoimmune and inflammatory disorders <sup>9</sup>	2

### **University School of Environment Management**

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1.	Dr. N.C. Gupta	Dean/ Professor	Energy, Air, Water Pollution, Climate change and EIA	1
2.	Prof. Amarjeet Kaur	Professor	Environment Management, Bioremediation, Remote Sensing/GIS application in Environment and Disaster Management	1
3.	Prof. P.Bhattacharya	Professor	Natural Resource Management, Biodiversity & Conservation	2
4.	Dr. Varun Joshi	Professor	Watershed management, Climate change, Natural Disaster Management, Environmental Geology	2
5.	Dr. Anshu Gupta	Assistant Professor	Water & Waste Water Treatment, Bioremediation Management Environment	1
6.	Dr. Pamposh	Assistant Professor	Ecology & Conservation of Wetlands	1
7.	Dr. Sanjay Keshari Das	Assistant Professor	Animal Biosystematics	1
8.	Dr. Neetu Rani	Assistant Professor	Waste Water Treatment (Environmental Science)	1
9.	Dr. Tuisem Shimrah	Assistant Professor	Ecology, natural Resource Management	1

### **University School of Medicine & Para Medical Health Sciences**

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1.	Dr. Shalini Malhotra	Professor	Microbiology	3
2.	Dr. Kuljeet Singh Anand	Professor	Neurology	3
3.	Dr. Rakesh Kumar Mahajan	Professor	Microbiology	3
4.	Dr. Arun Kumar Gupta	Professor	Surgery	3
5.	Dr. Raj Kapoor	Professor	Physiology	3
6.	Dr. Deepthi Nair	Professor	Microbiology	3
7.	Dr. Rajni Gaiind	Professor	Microbiology	3
8.	Dr. Bindu Kulshresta	Professor	Endocrinology	3
9.	Dr. Manju Bala	Professor	Microbiology	3
10.	Dr. Jugal Kishore	Professor	Community Medicine	3
11.	Dr. Chitra Kataria	Professor	Physiotherapy	3
12.	Dr. Vandana Phadke	Professor	Physiotherapy	3

## **University School of Basic & Applied Sciences**

<b>Sl. No.</b>	<b>Name of the Supervisor</b>	<b>Designation</b>	<b>Current Research Area</b>	<b>NO OF SLOTS 2018-19</b>
1.	Dr. Shruti Aggarwal	Dean/ Professor	Solar photovoltaics, Dosimetry, Crystal growth, Silver nanowires based transparent contacts, perovskite materials	2
2.	Prof. A.K. Narula	Professor	Pharmaceutical/Medicinal Chemistry, Natural Chemistry, Drug Designing (Bioinformatics) Dye-sensitized Solar Cell, Organo-metallic Chemistry, Biosensors	4
3.	Prof. Avinash C. Sharma	Professor	Theoretical Particle Physics	1*
4.	Prof. Rashmi Bhardwaj	Professor	Applied Mathematics with specialization in Nonlinear Dynamics, Wavelet-Fractal-Chaos, Ordinary-Partial differential equations, Numerical Analysis, Atmospheric & Environmental Sciences, Fuzzy Mathematics, Neural Networking, Optimization Techniques	2
5.	Prof. Anindya Datta	Professor	Nanoscience & Nanotechnology	3
6.	Dr. Vaishali Singh	Professor	Nanoscience	1
7.	Dr. Tapan K Jain	Associate Professor	Nanomedicine: Nanomaterial for Drug Delivery and Imaging Applications	2
8.	Dr. Yogesh Kumar Tyagi	Assistant Professor	[Organic/ Bio-organic/ natural product Chemistry	2
9.	Dr. Arif Ali Khan	Assistant Professor	Inorganic Chemistry	2
10.	Dr. Gulshan Kumar	Assistant Professor	Polymer synthesis, Biodegradable Composites films and nanocomposites	1
11.	Dr. S. Mohapatra,	Assistant Professor	Nanoscience& Nanotechnology, Plasmonics, Photocatalysis, Sensors, Ion beam technology, Solar cells	1
12.	Dr. S. Neeleshwar	Assistant Professor	Nanomaterials Thermoelectric Materials Magnetic Material Superconductivity	1
13.	Dr. Abha Aggarwal	Assistant Professor	Fuzzy Mathematical Programming, Fuzzy Optimization	3
14.	Dr. Kriti Batra	Assistant Professor	Atomic, Molecular Physics, Low Dimensional Structures (Theoretical Physics)	1
15.	Dr. Leena Khanna	Assistant Professor	Synthetic Organic Chemistry & Natural Product Chemistry	1
16.	Dr. Anjana Bagga	Assistant Professor	Mesoscopic condensed matter physics-optical and transport properties of semiconductor nanostructures, nanostructured thermoelectric materials, Solar cells	1
17.	Dr. Shipra Mittal Gupta	Assistant Professor	Synthetic Characterization and Applications of Nanomaterials	2
18.	Dr. Ram Shankar Gupta	Assistant Professor	Mathematics (Differential Geometry)	3

\*only as joint supervisor

### **University School of Humanities & Social Sciences**

<b>Sl. No.</b>	<b>Name of the Supervisor</b>	<b>Designation</b>	<b>Current Research Area</b>	<b>NO OF SLOTS 2018-19</b>
1.	Dr. Ashutosh Mohan	Dean/ Professor	Modern British Fiction, Film and Translation Studies	1
2.	Prof. Anup Singh Beniwal	Professor	Partition Literature, Indian Writing in English/English Translation, Translation & Cultural Studies	3
3.	Dr. Vivek Sachdeva	Professor	Narratology, Film Studies	2
4.	Dr. Manpreet K. Kang	Professor	American Literature, Women's Studies, Diaspora Studies, Culture Studies	2
5.	Dr. Shuchi Sharma	Assistant Professor	Indian Theater, Modern World Drama Communication Skills	2
6.	Dr. Naresh K. Vats	Assistant Professor	Indian English Literature, Popular Culture and Literature, Film Studies	1
7.	Dr. Sami Ahmad Khan	Assistant Professor	Science Fiction, Popular Fiction, Speculative Fiction	2
8.	Dr. Shubhanku Kochar	Assistant Professor	Black Literature, Literature and Environment	3
9.	Dr. Deepshikha Agarwal	Associate Professor	Sociology, Social Anthropology	1

### **University School of Law & Legal Studies**

<b>Sl. No.</b>	<b>Name of the Supervisor</b>	<b>Designation</b>	<b>Current Research Area</b>	<b>NO OF SLOTS 2018-19</b>
1.	Prof. Kanwal D.P. Singh	Dean/ Professor	Corporate law, Taxation, Land Laws, Law Poverty and Development	1
2.	Prof. M. Afzal Wani	Professor	IPR, Human Rights & Constitutional Law, Comparative Jurisprudence	1
3.	Dr. Queeny Pradhan	Professor	History	2
4.	Dr. Lisa P. Lukose	Associate Professor	Law: Intellectual Property Laws Human Rights, Women & Law	2
5.	Dr. Shivani Goswami	Associate Professor	Family Law, Women & Law, Criminal Law	1
6.	Dr. Anuj Kumar Vaksha	Associate Professor	International Investment Law, International Humanitarian law	1
7.	Dr. Upma Gautam	Assistant Professor	Criminal Law, Procedural Laws	1
8.	Dr. Rakesh Kumar	Assistant Professor	Constitutional Law, Taxation, Corporate Law	2
9.	Dr. Kavita Solanki	Assistant Professor	Environmental Law, Labour Law, Business Law	1
10.	Dr. Gurujit Singh	Assistant Professor	Cyber Law, Intellectual property Right, International Law, International Trade Law	2
11.	Dr. Neelu Mehra	Assistant Professor	Property Law, Criminology, Land Laws	1
12.	Dr. Anuradha Jha	Assistant Professor	Economics, Interaction between Law and Economics	2

13.	Dr. Vandana Singh	Assistant Professor	IPR, ADR, Consumer Laws, Insurance Law	1
14.	Dr. Rakesh Kumar Handa	Assistant Professor	Corporate Law, Commercial Laws, Income-Tax, Criminal Justice System, Cyber Law, Restorative Justice System	1

### **University School of Education**

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1	Dr. Sangeeta Chauhan	Dean/ Professor	Special Education, Educational Psychology, Language and Communication, Pedagogy of Teaching English	2
2	Dr. Dhananjay Joshi	Professor	Teacher Education, Curriculum Studies, Human rights & value education, Social Science Education, Sociological foundation	2
3	Dr. Shalini Yadava	Assistant Professor	Philosophical Perspectives in Education, Psychology of learner & Teaching Learning Process, Issues in Curriculum Study, Pedagogy of Teaching Life Science, Teacher Education, Educational Administration	1
4	Dr. Anjali Shokeen	Assistant Professor	Teacher Education, Curriculum studies, Educational Psychology, Commerce Education, Educational Administration and Management	2

### **University School of Mass Communication**

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1	Dr. Durgesh Tripathi	Assistant Professor	Media Literacy, Media Advocacy, Media Governance	2
2	Dr. Kulveen Trehan	Assistant Professor	Advertising and Public Relations, Integrated Marketing Communications, Media Literacy, Media Advocacy, Media & Sports	2
3	Dr. Sachin Bharti	Assistant Professor	Hindi Cinema, Still Photography	2

### **University School of Information, Communication & Technology**

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1.	Dr. Arvinder Kaur	Dean/ Professor	Software Quality, Empirical studies in software engineering, Mining Software Repositories, Artificial Intelligence	1
2.	Prof. B.V.R. Reddy	Professor	Networking, VLSI, Microwave & Antennas, Devices & Circuits, Mobile NWS	3

3.	Prof. Navin Rajpal	Professor	Image Processing, Patten Recognition, Computer Graphics	3
4.	Dr. Chandra Shekhar Rai	Professor	Signal Processing, Networking, Soft Computing	2
5.	Dr. Anjana Gosain	Professor	Data Warehousing & Data Mining, S/W Engineering	1
6.	Dr. Udayan Ghose	Professor	Soft Computing, Data Mining & Analytics, Information Theory	2
7.	Dr. Bharti Suri	Professor	Software Testing, Software Engineering, Data Mining	2
8.	Dr. Pushpendra Singh Bharti	Associate Professor	Non-Conventional Manufacturing, Robotics & Automation	2
9.	Dr. R. Rama Kishore	Associate Professor	Computer Graphics, Image Processing	2
10.	Dr. Ravinder Kumar Purwar	Associate Professor	Image/Video Processing, Pattern Recognition	1
11.	Dr. Virendra Prasad Vishwakarma	Associate Professor	DIP, Soft Computing, Patter Recognition	1
12.	Dr. Anurag Jain	Associate Professor	Cyber Security, Speech Processing	1
13.	Dr. Vandana Nath	Assistant Professor	Electronics & Communication Engg.	2
14.	Dr. Sartaj Singh Sodhi	Assistant Professor	Neural Networks	2
15.	Dr. Rinkaj Goyal	Assistant Professor	Software Engineering, Artificial Intelligence	1
16.	Dr. R.L. Ujjwal	Assistant Professor	Wireless N/W, Cloud Computing	1
17.	Dr. M. Bala Krishna	Assistant Professor	Mobile and Wireless Comm. Networks, Adhoc & Sensor Network, IoT, Security, Soft Computing	3
18.	Dr. Anuradha Chug	Assistant Professor	Software Engineering, Data Analytics IoT	3
19.	Dr. Kamaldeep Kaur	Assistant Professor	Software Engineering, Machine Learning	3
20.	Dr. Manoj Kumar Satyarthi	Assistant Professor	Engineering Mechanics, Mechantronics, CAD/CAM	3

**Ambedkar Institute of Advanced Communication Technologies and Research**

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1	Dr. Ashok Mittal	Professor	Microwave & Millimeter Wave Electronics	3
2	Dr. Ravinder Kumar Sharma	Professor	Analog Microelectronics and Signal Processing	5
3	Dr. Rajveer Singh Yaduvanshi	Professor	Microwave, Antenna, RF	4
4	Dr. Aarti M.K.	Professor	Wireless Communications	4

5	Dr. Rashmi Gupta	Associate Professor	Signal Processing and Image Processing	3
6	Dr. Richa Bhatia	Associate Professor	Digital Communication, Optical & Wireless, Communication & Signal Processing	3
7	Dr. M. Gangadharappa	Associate Professor	Signal Processing, Communication System	3
8	Dr. Aarti Jain	Assistant Professor	Digital Communication, Wireless Communication, Sensor network	3
9	Dr. Garima Srivastava	Assistant Professor	Antenna Designing, RF and microwave	4
10	Dr. A.K. Jha	Professor	Materials, Electrochromic, ferroelectrics	3
11	Dr. Vishal Bhatnagar	Professor	Data Science	5
12	Dr. Manoj Kumar	Professor	Data warehousing Software engineering	5
13	Dr. Nanhay Singh	Associate Professor	Data Mining, Networks, Sensor Network	5
14	Dr. Vishal Gupta	Associate Professor	Networks, Sensor Network	3
15	Dr. Suresh Kumar	Associate Professor	Semantic Web, Information Retrieval, Search Engine	3
16	Dr. Manju Khari	Assistant Professor	Information security, software testing, optimization	3
17	Dr. Bharti Nagpal	Assistant Professor	Information security, Big data, data mining	3
18	Dr. Amita Jain	Assistant Professor	Artificial intelligence, Fuzzy logic, information retrieval and Natural language processing	2
19	Dr. Ram Shringar Rao	Assistant Professor	Mobile Ad-hoc Network, Sensor Network	3

## M.Phil

### University School of Humanities & Social Sciences

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2018-19
1	Dr. Ashutosh Mohan	Dean/ Professor	English	3
2	Prof. Anup Singh Beniwal	Professor	English	3
3	Dr. Vivek Sachdeva	Professor	English	3
4	Dr. Manpreet K. Kang	Professor	English	3
5	Dr. Shuchi Sharma	Assistant Professor	English	1
6	Dr. Naresh K. Vats	Assistant Professor	English	1
7	Dr. Rajiv Ranjan Dwivedi	Assistant Professor	English	1
8	Dr. Sami Ahmad Khan	Assistant Professor	English	1
9	Dr. Shubhanku Kochar	Assistant Professor	English	1



(Prof. P.C. Sharma)  
Director (R&C)