



GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

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

Website: www.ipu.ac.in

OFFICE OF THE DIRECTOR (RESEARCH & CONSULTANCY)

Ph: 011-25302123 & email Id: drcggsipu@gmail.com

F.No. GGSIPU/DRC/Ph.D./2019/

Dated: 26/05/2019

Subject: Revised List of Vacant slots to be filled under Ph.D./M.Phil Programmes for the academic session 2019-20.

Ph.D.

University School of Management Studies

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|------------------------|---------------------|--|---------------------|
| 1 | Prof. Sanjiv Mittal | Professor | Marketing, Finance; | 3 |
| 2 | Prof. A.K. Saini | Professor | Information Technology, MIS, Knowledge Mgt, Technology Management. | 1 |
| 3 | Dr. Udit Taneja | Professor | Information Systems Management, Healthcare Management & Management of Technology | 2 |
| 4 | Dr. Vijita S. Aggarwal | Professor | International Business, Marketing, Education Management | 1 |
| 5 | Dr. Meenakshi Handa | Professor | Marketing | 1 |
| 6 | Dr. Shalini Garg | Professor | Human Resource Management, OB, Organization Development (OD), Strategic Human Resource Management (SHRM) | 4 |
| 7 | Dr. Puja Khatri | Professor | Organization Behaviour, Human Resource Management | 3 |
| 8 | Dr. Sanjay Dhingra | Associate Professor | IT Management | 1 |
| 9 | Dr. Deepti Prakash | Assistant Professor | HR, Organizational Behaviour, OD, Entrepreneurship | 1 |
| 10 | Dr. Sanchita Bansal | Assistant Professor | Marketing and Entrepreneurship | 1 |

University School of Chemical Technology

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|------------------------|-------------|--|---------------------|
| 1 | Dr. U.K. Mandal | Professor | Chemical Technology Specialization: Polymer Technology, Surface Engineered Photocatalysts, Membrane Surface Modification, Electromagnetic Nanocomposite Materials Technology, Water Splitting Technology | 1 |

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|----|---------------------------|---------------------|---|---|
| 2 | Dr. Arinjay Kumar Jain | Professor | Environmental Biotechnology, Industrial Pollution, Modelling & simulation | 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, Optimization | 2 |
| 5 | Dr. Biswajit Sarkar | Associate Professor | Chemical Engineering with specialization in membrane separation, Adsorption, Extraction, Process modeling, Process intensification etc. in the area of wastewater treatment, bio product processing and food processing etc. | 3 |
| 6 | Dr. Neeru Anand | Associate Professor | Chemical Eng Biomass conversion to biofuels, Value added products. Energy and Environment: Green technology, Development of heterogeneous catalysts. Process safety adsorption and ion exchange. | 3 |
| 7 | Dr. Tapan Sarkar | Assistant Professor | Engineering nanomaterials for sensor and Energy Applications, graphene device | 2 |
| 8 | Dr. Dinesh Kumar | Assistant Professor | Chemical Engineering : Development and synthesis of new and advanced materials (i) catalysts/nanomaterials for production of Biobased chemicals from biomass, air pollution, energy storage CO2 sequestration etc. (ii) Adsorbents: Water pollution | 2 |
| 9 | Dr. Aradhana Srivastava | Associate Professor | Bioethanol lactic acid Microalgae and Application | 4 |
| 10 | Dr. Vinita Khandegar | Assistant Professor | Chemical Engineering Electrochemical treatment of wastewater, applications of nanoparticles in wastewater. | 2 |
| 11 | Dr. Monisha Mridha Mandal | Assistant Professor | Heat Transfer Nano Fluid, Multiphase flows, Process Design | 3 |

University School of Biotechnology

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|------------------------|---------------------|--|---------------------|
| 1 | Dr. N. Raghuram | Professor | Plant Molecular Biology, and Functional Genomics of G-protein signaling and nitrogen use efficiency. | 2 |
| 2 | Dr. K.K. Aggarwal | Dean/ Professor | Enzymes, Proteomics, Plant-insect interactions, Protease inhibitor - Protease interactions, Plant biochemistry and molecular biology | 2 |
| 3 | Dr. Meenu Kapoor | Professor | Molecular Biology & Functional Genomics & Epigenomics | 2 |
| 4 | Dr. Suresh Kumar | Associate Professor | Pharmaceutical Biotechnology, Phytomedicine | 3 |
| 5 | Dr. Gaurav Pandey | Associate Professor | Metabolic Engineering, Bioprocess Engineering, Recombinant Protein production, Biotherapeutics and Vaccine Production | 1 |

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|---|-----------------------|---------------------|--|---|
| 6 | Dr. Ranjit Kumar C.T. | Associate Professor | Virology and Innate Immune Responses | 2 |
| 7 | Dr. Ram Singh Purty | Assistant Professor | Plant Molecular Biology, Abiotic Stress Biology and Bioinformatics | 2 |
| 8 | Dr. Monika Gandhi | Assistant Professor | Immunological mechanisms of autoimmune and inflammatory disorders ⁹ | 1 |

University School of Environment Management

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|------------------------|---------------------|---|---------------------|
| 1 | Dr. N.C. Gupta | Dean/ Professor | Environment Management, Air & Water Pollution Energy, EIA & Climate Change System | 2 |
| 2 | Prof. Amarjeet Kaur | Professor | Environment Biotechnology, Ecology & Sustainable Management, Geoinformatics & Disaster Management, Environment Management | 2 |
| 3 | Prof. Anubha Kaushik | Professor | Environment Pollution, Bioremediation, Waster water treatment, Bioenergy, EIA | 1 |
| 4 | Dr. Rita Singh | Professor | Texonomy, Reproductive biology, Ethnobiology and Paleobotany of Bryophyta & Gymnosperms (Archaeogniatae) | 1 |
| 5 | Dr. Varun Joshi | Professor | Environmental Geology Natural Disaster Management, Climate change, Watershed management, | 1 |
| 6 | Dr. Kiranmay Sharma | Associate Professor | Remote Sensing/GIS, NRM, Wildlife Conservation, Forestry Inventory Mapping, Disaster Management | 1 |
| 7 | Dr. Deeksha Katyal | Assistant Professor | Environmental Statistics Environmental Modelling | 1 |
| 8 | Dr. Pamposh | Assistant Professor | Ecology & Conservation of Wetlands | 2 |
| 9 | Dr. Sanjay Keshari Das | Assistant Professor | Taxonomy (Herdetology), Ecology, Biodiversity & Conservation | 2 |
| 10 | Dr. Neetu Rani | Assistant Professor | Waste water treatment (Environmental Science) | 2 |
| 11 | Dr. Tuisem Shimrah | Assistant Professor | Ecology, natural Resource Management, Biodiversity Conservation | 1 |

University School of Basic & Applied Sciences

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|------------------------|----------------|---|---------------------|
| 1 | Dr. Shruti Aggarwal | Professor/Dean | Discipline: Physics Specialization: Solar Photovoltaics, Dosimetry, Crystal growth, Silver nanowires based transparent contacts, perovskite materials. | 1 |

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|----|------------------------|---------------------|---|---|
| 2 | Prof. A.K. Narula | Professor | Discipline: Chemistry Specialization: 1. Pharmaceutical/Medicinal Chemistry 2. Natural Chemistry 3. Drug Designing (Bioinformatics) 4. Dye-sensitized Solar Cell 5. Organo-metallic Chemistry 6. Biosensors | 4 |
| 3 | Prof. Anu Venugopalan | Professor | Discipline: Physics Specialization: Foundations of Quantum mechanics, Quantum Informatin (Theory) | 1 |
| 4 | Prof. Rashmi Bhardwaj | Professor | Discipline: Mathematics Specialization: Applied Mathematics with specialization in Nonlinear Dyanmics, Wavelet-Fractal-Chaos, Ordinary-Partial Differential Equations, Numerical Analysis, Atmospheric & Environmental Sciences, Fuzzy Mathematics, Neural Networking, Optimization Techniques | 3 |
| 5 | Prof. Anindya Datta | Professor | Discipline: Physics Specialization: Nanoscience & Nanotechnology | 2 |
| 6 | Dr. Vaishali Singh | Professor | Discipline: Chemistry Specialization: Nanocomposites and Mesoporous Systems | 1 |
| 7 | Dr. Tapan K Jain | Associate Professor | Discipline: Chemistry Specilization: Nanomedicine: Nanomaterial for Drug Delivery and Imaging Applications (Physical Chemistry) | 2 |
| 8 | Dr. Yogesh Kumar Tyagi | Assistant Professor | Discipline: Chemistry Specilization: Bio-organic Chemistry | 2 |
| 9 | Dr. Arif Ali Khan | Assistant Professor | Discipline: Chemistry Specilization : Inorganic Chemistry | 2 |
| 10 | Dr. Gulshan Kumar | Assistant Professor | Discipline: Chemistry Specilization: Polymer Synthesis, Biodegradable Composites films and nanocomposites | 1 |
| 11 | Dr. S. Neeleshwar | Assistant Professor | Discipline: Physics Specialization: Nanomaterials Thermoelectric Materials Magnetic Material Superconductivity | 1 |
| 12 | Dr. Abha Aggarwal | Assistant Professor | Discipline: Mathematics Specialization: Fuzzy mathematical Programming, Portfolio optimization | 3 |
| 13 | Dr. Kriti Batra | Assistant Professor | Discipline: Physics Specialization: Theoretical Atomic, Molecular Physics and Quantum Heterostructures | 2 |
| 14 | Dr. Leena Khanna | Assistant Professor | Discipline: Chemistry Specialization: Synthetic heterocyclic and Natural Product chemistry | 1 |

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|----|-------------------------|---------------------|--|---|
| 15 | Dr. Anjana Bagga | Assistant Professor | Discipline: Physics Specialization: Mesoscopic condensed matter physics-optical and transport properties of semiconductor nanostructures, nanostructured thermoelectric materials, solar cells | 1 |
| 16 | Dr. Shipra Mittal Gupta | Assistant Professor | Discipline: Nanoscience/Chemistry Specialization: Synthesis, Characterization and Applications of Nanomaterials | 1 |
| 17 | Dr. Rajesh Kumar | Assistant Professor | Discipline: Physics Specialization: Materials Science, Condensed Matter Physics, Nano Science, Ion beam engineering of nanostructure materials, Template-based electrodeposition of metal and semiconductor nanowires, Polymers/Nanocomposite polymers, Oxide based thin films, Energy storage devices (Lithium-ion battery and Supercapacitor), Gas sensors. | 2 |

University School of Humanities & Social Sciences

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|--------------------------|---------------------|---|---------------------|
| 1 | Dr. Ashutosh Mohan | Dean/ Professor | Modern British Fiction, Film and Translation Studies | 1 |
| 2 | Prof. Anup Singh Beniwal | Professor | Partition Literature | 1 |
| 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, Gender Studies, Modern World Drama, Communication Studies | 1 |
| 6 | Dr. Naresh K. Vats | Assistant Professor | Indian English Literature, Popular Culture and Literature, Film Studies | 2 |
| 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 | Black Literature, Literature and Environment | 1 |
| 10 | Dr. Deepshikha Agarwal | Associate Professor | Sociology, Social Anthropology, Tribal Studies | 1 |

University School of Law & Legal Studies

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|-------------------------------|---------------------|---|---------------------|
| 1 | Prof. (Dr.) Kanwal D.P. Singh | Dean/ Professor | Corporate law, Taxation, Land Laws, Law Poverty and Development | 2 |
| 2 | Dr. Amar Pal Singh | Professor | Constitutional Environmental Law | 1 |
| 3 | Dr. Queeny Pradhan | Professor | Legal History | 2 |
| 4 | Dr. Lisa P. Lukose | Associate Professor | Law: Intellectual Property Laws Human Rights, Women & Law | 1 |

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|----|------------------------|---------------------|--|---|
| 5 | Dr. Anuj Kumar Vaksha | Associate Professor | International Investment Law, International Humanitarian law | 1 |
| 6 | Dr. Ravinder Kumar | Assistant Professor | Constitutional law, Procedural Law | 1 |
| 7 | Dr. Rakesh Kumar | Assistant Professor | Constitutional Law, Taxation, Corporate Law | 2 |
| 8 | Dr. Vandana Singh | Assistant Professor | IPR, ADR, Consumer Laws, Insurance Law | 1 |
| 9 | Dr. Gurujit Singh | Assistant Professor | Cyber Law, Intellectual property Right, International Law, International Trade Law | 1 |
| 10 | Dr. Neelu Mehra | Assistant Professor | Property Law, Criminology, Land Laws | 1 |
| 11 | Dr. Anuradha Jha | Assistant Professor | Economics, Interaction between Law and Economics | 2 |
| 12 | Dr. Rakesh Kumar Handa | Assistant Professor | Corporate Law, Commercial Laws, Income-Tax, Criminal Justice System, Cyber Law, Restorative Justice System | 2 |
| 13 | Dr. M. Sakthivel | Assistant Professor | IPR, Environmental Laws, Human Rights | 2 |

University School of Education

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|------------------------|---------------------|--|---------------------|
| 1 | Prof. Saroj Sharma | Professor | Educational Administration & Management, Curriculum Studies, Science Education, Educational Philosophy | 3 |
| 2 | Dr. Anjali Shokeen | Assistant Professor | Teacher Education, Curriculum studies, Educational Psychology, Commerce Education, Educational Administration and Management | 1 |

University School of Mass Communication

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|------------------------|---------------------|---|---------------------|
| 1 | Prof. C.P. Singh | Professor | Media Economics, Communication for Innovation & Freedom | 2 |
| 2 | Dr. Durgesh Tripathi | Assistant Professor | Media Literacy, Media Advocacy, Media Governance | 2 |
| 3 | Dr. Kulveen Trehan | Assistant Professor | Advertising and Public Relations, Integrated Marketing Communications, Media Literacy, Media Advocacy, Media & Sports | 1 |
| 4 | Dr. Sachin Bharti | Assistant Professor | Hindi Cinema, Still Photography | 1 |

University School of Information, Communication & Technology

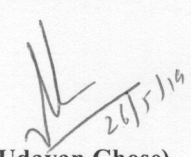
| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|---------------------------------|---------------------|--|---------------------|
| 1 | Dr. Arvinder Kaur | Professor/Dean | Software Quality, Empirical studies in software engineering, Mining Software Repositories, Artificial Intelligence | 2 |
| 2 | Prof. Nupur Prakash | Professor | Mobile Computing, AI and Machine Learning, Wireless Communication | 2 |
| 3 | Prof. B.V.R. Reddy | Professor | Networking, VLSI, Microwave & Antennas, Devices & Circuits, Mobile NWS | 2 |
| 4 | Prof. Navin Rajpal | Professor | Image Processing, Pattern Recognition, Computer Graphics | 3 |
| 5 | Dr. Chandra Shekhar Rai | Professor | Signal Processing, Networking, Soft Computing | 1 |
| 6 | Dr. Anjana Gosain | Professor | Data Warehousing & Data Mining, S/W Engineering | 3 |
| 7 | Dr. Udayan Ghose | Professor | Soft Computing, Data Mining & Analytics, Information Theory | 2 |
| 8 | Dr. Bharti Suri | Professor | Software Testing, Software Engineering, Data Mining | 2 |
| 9 | Prof. Amit Prakash Singh | Professor | Data Science, IoT, Machine Learning | 1 |
| 10 | Dr. Pushpendra Singh Bharti | Associate Professor | Non-Conventional Manufacturing, Robotics & Automation | 1 |
| 11 | Dr. Manoj Kumar Taleja | Associate Professor | VLSI Design | 1 |
| 12 | Dr. R. Rama Kishore | Associate Professor | Computer Graphics, Image Processing | 2 |
| 13 | Dr. Ravinder Kumar Purwar | Associate Professor | Image/Video Processing, Pattern Recognition | 2 |
| 14 | Dr. Virendra Prasad Vishwakarma | Associate Professor | DIP, Soft Computing, Pattern Recognition | 1 |
| 15 | Dr. Anurag Jain | Associate Professor | Cyber Security, Speech Processing | 1 |
| 16 | Dr. Vandana Nath | Assistant Professor | Electronics & Communication Engg. | 1 |
| 17 | Dr. R.L. Ujjwal | Assistant Professor | Wireless N/W, Cloud Computing | 1 |
| 18 | Dr. M. Bala Krishna | Assistant Professor | Mobile and Wireless Comm. Networks, Adhoc & Sensor Network, IoT, Security, Soft Computing | 3 |
| 19 | Dr. Anuradha Chug | Assistant Professor | Software Engineering, Data Analytics IoT | 1 |
| 20 | Dr. Manoj Kumar Satyarthi | Assistant Professor | Engineering Mechanics, Mechantronics, CAD/CAM | 4 |
| 21 | Dr. Jaspreeti Singh | Assistant Professor | Software Engineering, Data Warehousing, Data Mining | 2 |

Ambedkar Institute of Advanced Communication Technologies and Research

| Sl. No. | Name of the Supervisor | Designation | Current Research Area | NO OF SLOTS 2019-20 |
|---------|------------------------------|---------------------|--|---------------------|
| 1. | Dr. Vishal Bhatnagar | Professor | Data Science, big data, cloud computing, deep learning, recommendations systems, sentiment mining, intelligent information retrieval | 3 |
| 2. | Dr. Manoj Kumar | Professor | Data warehouse, Data Mining, Security Issues in Information system | 5 |
| 3. | Dr. Nanhay Singh | Associate Professor | Data Mining, IOT Cloud Computing MANET, DTN | 1 |
| 4. | Dr. Suresh Kumar | Associate Professor | Information Retrieval, Semantic Web, Ontology Engineering, Search Engine Technologies | 3 |
| 5. | Dr. Vishal Gupta | Associate Professor | Wireless Communications, Wireless Sensor & adhoc Networks | 5 |
| 6. | Dr. Ram Shringar Rao | Assistant Professor | Wireless Network, Mobile Ad-hoc Network, VANET, IoT & Cloud based Networking | 2 |
| 7. | Dr. Manju Khari | Assistant Professor | Information security, Cryptography, software testing, optimization | 1 |
| 8. | Dr. Bharti Nagpal | Assistant Professor | Information Security, Big Data, Web Intelligence, Image Processing | 1 |
| 9. | Dr. Amita Jain | Assistant Professor | Artificial intelligence, Data Analytics, Pattern Recognition, Natural Language Processing, Fuzzy Logic, Sentiment Analysis, Machine Learning information retrieval | 2 |
| 10. | Dr. Ravinder Kumar Sharma | Professor | Analog Microelectronics and Signal Processing | 1 |
| 11. | Dr. Ashok Mittal | Professor | Microwave & Millimeter Wave Antena | 3 |
| 12. | Dr. Rajveer Singh Yaduvanshi | Professor | RF, Microwave, Antennas and Embedded System | 4 |
| 13. | Dr. Aarti M.K. | Professor | Wireless Communications | 3 |
| 14. | Dr. Richa Bhatia | Associate Professor | Wireless & Optical Communications, Signal Processing for Wireless Systems and Networks, Radio over Fiber (RoF) & Free-Space Optical (FSO) Communication, Opto-electronics and Photonic Devices | 4 |
| 15. | Dr. M. Gangadharappa | Associate Professor | Signal Processing, Image Processing, Machine learning, Wireless and Digital Communication Systems | 3 |

M.Phil**University School of Humanities & Social Sciences**

| Sl. No. | Name of the Supervisor | Designation | Discipline with Specialization | NO OF SLOTS 2019-20 |
|---------|------------------------|---------------------|--------------------------------|---------------------|
| 1 | Dr. Ashutosh Mohan | Dean/ Professor | English | 3 |
| 2 | Dr. 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. Chetna Tiwari | Assistant Professor | English | 1 |
| 8 | Dr. Sami Ahmad Khan | Assistant Professor | English | 1 |
| 9 | Dr. Shubhanku Kochar | Assistant Professor | English | 1 |


(Prof. Udayan Ghose)
Associate Director (R&C)