



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: drc@ipu.ac.in

F.No. GGSIPU/DRC/Ph.D./2020/

Dated: 11/03/2020

Subject: List of Vacant slots to be filled under Ph.D./M.Phil Programmes for the academic session 2020-21.

Ph.D.

- **University School of Management Studies**

Mode of Ph.D. Programme : Full Time / Part Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Prof. Neena Sinha	Professor/Dean	Marketing, Strategy, Development Informatics	4
2	Prof. Sanjiv Mittal	Professor	Marketing, Finance;	3
3	Prof. A.K. Saini	Professor	Information Technology, MIS, Knowledge Management, Technology Management.	4
4	Dr. Uditaneja	Professor	Information Systems Management, Healthcare Management & Management of Technology	2
5	Dr. Shalini Garg	Professor	Human Resource Management, OB, Organization Development (OD), Strategic Human Resource Management (SHRM)	5
6	Dr. Vijita S. Aggarwal	Professor	International Business, Marketing, Education Management	2
7	Dr. Puja Khatri	Professor	Organization Behaviour, Human Resource Management	3
8	Dr. Sanjay Dhingra	Associate Professor	IT, Banking	1
9	Dr. Divya Verma	Assistant Professor	Finance	1
10	Dr. Deepti Prakash	Assistant Professor	HR, Organizational Behaviour, OD, Entrepreneurship	1
11	Dr. Sanchita Bansal	Assistant Professor	Marketing and Entrepreneurship	2
12	Dr. Shilpa Jain	Assistant Professor	HR & OB	3

• **University School of Chemical Technology**

Mode of Ph.D. Programme : Full Time / Part Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Prof. U K Mandal	Dean/ Professor	Polymer Engineering, Polymer based Nanocatalyst, Photocatalyst, Antibacterial Nanomaterials,	2
2	Prof. Arinjay Jain	Professor	Bioprocess, Modelling and Simulation, Industrial Pollution	2
3	Dr. Neeru Anand	Associate Professor	Biofuels; Catalysis and Reaction Engg; Biomass Valorization; e-waste management	3
4	Dr. Rakesh Angira	Associate Professor	Process System Engineering	2
5	Dr. Biswajit Sarkar	Associate Professor	Application of separation technology (membrane separation, adsorption etc.) in wastewater treatment, food bioprocessing etc. Process modelling, optimization and process intensification	3
6	Dr. Aradhana Srivastava	Associate Professor	Biochemical Engineering	2
7	Dr. Tapan Sarkar	Associate Professor	Engineered Nanomaterial for Sensor/Biosensor and Energy applications	3
8	Dr. Monisha Mondal	Assistant Professor	Chemical Engineering; Heat transfer, Multiphase flows	3
9	Dr. Vinita Khandegar	Assistant Professor	Chemical & waste treatment	1
10	Dr. Dinesh Kumar	Assistant Professor	Chemical Engineering (Bio-fuels and Advanced Materials for Energy Storage, catalysis, water treatment)	2
11	Dr. Deepak Garg	Assistant Professor	Pollution abatement	4

• **University School of Biotechnology**

Mode of Ph.D. Programme : Full Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Dr. K.K. Aggarwal	Dean/ Professor	Enzymes, Proteomics, Plant-insect interactions, Protease inhibitor – Protease interactions, Plant biochemistry and molecular biology	1
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	1
4	Dr. Nimisha Sharma	Associate Professor	Molecular Biology	2
5	Dr. Gaurav Pandey	Associate Professor	Metabolic Engineering, Bioprocess Engineering, Recombinant Protein production, Biotherapeutics and Vaccine Production	1
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	1
8	Dr. Rinu Sharma	Assistant Professor	Cancer Molecular Biology	2

• **University School of Environment Management**

Mode of Ph.D. Programme : Full Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Prof. N.C. Gupta	Dean/ Professor	Energy, Air, Water pollution, Climate change and EIA	2
2	Prof. Amarjeet Kaur	Professor	Environmental Management, Bioremediation, Remote Sensing, GIS application in Environment and Disaster Management	4
3	Prof. P. Bhattacharya	Professor	Natural Resource Management, Biodiversity & Conservation	1
4	Prof. Rita Singh	Professor	Botany (Systematic, Reproductive biology Ethno biology and Biodiversity conservation)	1
5	Prof. Varun Joshi	Professor	Watershed management, Climate change, Natural Disaster Management, Environmental Geology	2
6	Prof. Anubha Kaushik	Professor	Bioremediation, Waste to Energy, Ecosystem Studies, Environment Management	1
7	Dr. Kiranmay Sarma	Associate Professor	Remote Sensing and GIS in EM/ NRM/ B&C	2
8	Dr. Anshu Gupta	Assistant Professor	Water & Waste Water Treatment , Bioremediation Management, Environment	2
9	Dr. Deeksha Katyal	Assistant Professor	Environmental Modelling / Statistics Instrumentation/ Water quality analysis and index mapping, Synthesis of new membranes for waste water treatment	1
10	Dr. Pamposh	Assistant Professor	Ecology & Conservation of Wetlands	1
11	Dr. Sanjay Keshari Das	Assistant Professor	Animal Biosystematics, Reptiles and Spiders, Field Ecology	2

12	Dr. Sumit Dookia	Assistant Professor	Wildlife Biology, Animal Ecology and Biodiversity Conservation	1
13	Dr. Neetu Rani	Assistant Professor	Waste Water Treatment (Environmental Science)	1

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

Mode of Ph.D. Programme : Full Time/ Part Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Prof. Shruti Aggarwal	Dean/ Professor	Discipline: Physics Specialization: Solar Photovoltaics, Dosimetry, Crystal growth, Silver nanowires based transparent contacts, perovskite materials.	2
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	1
3	Prof. Anindya Datta	Professor	Discipline: Physics Specialization: Nanoscience/Solid State Physics	2
4	Prof. Rashmi Bhardwaj	Professor	Discipline: Physics Specialization: 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	3
5	Prof. Vaishali Singh	Professor	Discipline: Physics Specialization: Mesoporous Systems for gas and humidity sensing applications, Nanocomposites for Various applications, Study of ion beam on structural modification of transition metal-dichalcogenides-polymer nanocomposites	2
6	Dr. Tapan K. Jain	Associate Professor	Discipline: Physics Specialization: Nanomedicine: Nanotechnology for drug delivery and imaging.	1
7	Dr. Arif Ali Khan	Assistant Professor	Discipline: Physics Specialization: Inorganic Chemistry	2
8	Dr. Gulshan Kumar	Assistant Professor	Discipline: Physics Specialization: Polymer Synthesis, natural Composites thin films and nanocomposites	2

9	Dr. Rajesh Kumar	Assistant 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	3
10	Dr. Satyabrata Mohapatra	Assistant Professor	Discipline: Physics Specialization: Nanoscience & Nanotechnology, Plasmonics, Catalysis, Photocatalysis, Sensors, Ion beam technology, Solar cells, SERS	1
11	Dr. Yogesh K. Tyagi	Assistant Professor	Discipline: Physics Specialization: Organic Chemistry	1
12	Dr. Abha Aggarwal	Assistant Professor	Discipline: Physics Specialization: Mathematics Fuzzy Mathematical Programming, Portfolio optimization	1
13	Dr. Leena Khanna	Assistant Professor	Discipline: Physics Specialization: Synthesis of new Heterocyclic compounds and determination of their biological activities. Natural Products extraction, purification and identification. Computational studies.	2
14	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
15	Dr. Kriti Batra	Assistant Professor	Discipline: Physics Specialization: Discipline-Physics Specialization-Atomic and Molecular Physics	1
16	Dr. Shipra Mital Gupta	Assistant Professor	Discipline: Physics Specialization: Synthesis, Characterization and Applications of Nanomaterials	1

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

Mode of Ph.D. Programme : Full Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Dr. Manpreet K. Kang	Dean/ Professor	American Literature, Women's Studies, Diaspora Studies, Culture Studies	1
2	Prof. Anup Singh Beniwal	Professor	Partition Literature, Indian English Literature	1

3	Dr. Ashutosh Mohan	Professor	Modern British Fiction, Film and Translation Studies	3
4	Dr. Vivek Sachdeva	Professor	Narratology, Film Studies	2
5	Dr. Naresh K. Vats	Assistant Professor	Indian English Literature, Popular Culture and Literature, Film Studies	1
6	Dr. Chetna Tiwari	Assistant Professor	Indian Writing in English and Cultural Studies	2
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	1

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

Mode of Ph.D. Programme : Full Time / Part Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
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	2
3	Prof. Queeny Pradhan	Professor	Legal History	2
4	Dr. Lisa P. Lukose	Associate Professor	Law: Intellectual Property Laws Human Rights, Women & Law	1
5	Dr. Upma Gautam	Assistant Professor	Criminal Law, Procedural Laws	1
6	Dr. Ravinder Kumar	Assistant Professor	Constitutional law, Procedural Law, Human Rights	1
7	Dr. Gurujit Singh	Assistant Professor	Cyber Law, Intellectual property Right, International Law, International Trade Law	1
8	Dr. Neelu Mehra	Assistant Professor	Property Law, Criminology, Land Laws	2
9	Dr. Anuradha Jha	Assistant Professor	Economics, Interaction between Law and Economics	2
10	Dr. Vandana Singh	Assistant Professor	IPR, ADR, Consumer Laws, Insurance Law	1
11	Dr. M. Sakthivel	Assistant Professor	IPR, Environmental Laws , Human Rights	2
12	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**

Mode of Ph.D. Programme : Full Time / Part Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Prof. Dhananjay Joshi	Dean / Professor	1. Teacher Education. 2. Curriculum Studies. 3. Human rights & value education 4. Social Science Education 5. Sociological foundation 6. Diversity in Education 7. Indigenous Studies	2
2	Prof. Saroj Sharma	Professor	1. Educational Administration & Management 2. Curriculum Studies. 3. Science Education 4. Educational Philosophy 5. Teacher Education 6. Comparative Education 7. Gender Studies 8. Value and Peace Education	3
3	Dr. Amit Ahuja	Assistant Professor	1. Science Education. 2. Educational & Vocational Guidance. 3. Education Technology 4. Social & Adult Education 5. Cognitive Psychology 6. Environmental Education	1
4	Dr. Shalini Yadava	Assistant Professor	1. Philosophical Perspective on Education 2. Psychology of Learner & Teaching - Learning Process 3. Issues in Curriculum Study. 4. Pedagogy of Teaching Life Science 5. Teacher Education 6. Educational Administration	1

• **University School of Mass Communication**

Mode of Ph.D. Programme : Full Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Dr. Sachin Bharti	Assistant Professor	Cinema & Still Photography	2

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

Mode of Ph.D. Programme : Full Time / Part Time

Slots :

Sl. No.	Name of the Supervisor	Designation	Current Research Area	NO OF SLOTS 2020-21
1	Prof. Arvinder Kaur	Dean / Professor	Software Engineering, Empirical Software Engineering, Machine Learning	1
2	Prof. Nupur Prakash	Professor	Mobile Computing, Secure Wireless Networks, IoT, Artificial Intelligence & Machine Learning	7
3	Prof. B.V.R. Reddy	Professor	Mobile Computing Wireless Network, IoT	5
4	Prof. Navin Rajpal	Professor	Image Processing, Pattern Recognition, Computer Vision,	3
5	Prof. C.S. Rai	Professor	Signal Processing, ANN, Networking	5
6	Prof. Pravin Chandra	Professor	Neural Networks	5
7	Prof. Anjana Gosain	Professor	SWEngg., Data Warehousing and Data Mining	2
8	Prof. Udayan Ghose	Professor	Soft Computing, Data Analysis, Information Theory	1
9	Prof. Bharti Suri	Professor	Software Engineering, Software Testing, Machine Learning	4
10	Prof. Amit Prakash Singh	Professor	Data Science, IoT, Machine Learning, FPGA based design	2
11	Dr. P.S. Bharti	Associate Professor	Robotics Engg., Advanced Manufacturing	1
12	Dr. Manoj Kr. Taleja	Associate Professor	VLSI Design	1
13	Dr. R. Rama Kishore	Associate Professor	Computer Graphics & Image Processing	3
14	Dr. Anju Saha	Associate Professor	Software Engineering, Software Testing, Object Oriented Testing	2
15	Dr. Ravinder Kr. Purwar	Associate Professor	Digital Image/ Video Processing/ Pattern Recognition	2
16	Dr. V.P. Vishwakarma	Associate Professor	Digital Image Processing, Pattern Recognition, Machine Learning	2
17	Dr. Anurag Jain	Associate Professor	Speech Processing, Cyber Security	1
18	Dr. Sartaj Singh Sodhi	Assistant Professor	Neural Networks, Machine Learning	1
19	Dr. Rinkaj Goyal	Assistant Professor	Agent Based Modeling, Multi agent Systems	2
20	Dr. M. Bala Krishna	Assistant Professor	Mobile Comm. N/w, Wireless Networks IoT, Security, Data Analytics	2
21	Dr. Manoj Kr. Satyarthi	Assistant Professor	Machining Finishing, Automation, Robotics	4
22	Dr. Jaspreeti Singh	Assistant Professor	Software Engineering, Data Warehousing, Data Mining	4

23	Dr. Mansi Jhamb	Assistant Professor	VLSI Design, Analog & Digital Signal Processing	3
24	Dr. Jyotsna	Assistant Professor	Digital image processing, pattern recognition, computer vision	4

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

The slots are in the process of finalization and shall be displayed shortly.

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

The slots are in the process of finalization and shall be displayed shortly.

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. 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	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

Asharma
19/3/2020

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