



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

IPU

OFFICE OF THE DIRECTOR (RESEARCH & DEVELOPMENT CELL)

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

F.35(1)(1)/2026/RDC/

Dated: 20.04.2026

Sub: Vacant Slots for Ph.D. Admission for the academic session 2026-27 (Summer Session) at USAR and USDI

Ph.D.

University School of Automation and Robotics

| S.No | Name of Recognized Supervisor | Designation | Specialization | Discipline in which the Supervisor has been recognized | Number of Slots to be filled in 2026-2027 |
|------|-------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|
| 1 | Prof. Ajay Singh Singholi | Professor | 3D printing, Robotics & Automation, Mechatronics systems, Advanced Manufacturing | Automation and Robotics | 02 |
| 2 | Prof. Rahul Johari | Professor | Cloud Computing, Blockchain Technology, Web/Cyber Security, Metaverse, IoT, Unmanned Aerial Vehicles(Drone), Wireless Networks (DTN, MANET), Application of Generative and Agentic AI in above domains. | Artificial Intelligence -Data Science And Artificial Intelligence - Machine Learning | 02 |
| 3 | Dr Ashish Joshi | Assistant Professor | AI in cyber security | | 02 |
| 4 | Dr Amrit Pal Singh | Assistant Professor | Quantum Computing, Swarm Intelligence, Swarm Robotics, Machine Learning Optimization, Underwater Imaging | | 02 |
| 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. Quantum Computing, Post Quantum Cryptography. | | 02 |

| S.No | Name of Recognized Supervisor | Designation | Specialization | Discipline in which the Supervisor has been recognized | Number of Slots to be filled in 2026-2027 |
|------|-------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------|
| 6 | Dr Sanjay Kumar Singh | Assistant Professor | Deep Learning, Big Data Analytics, Generative AI Models, Computer Vision, Medical Image Processing, Swarm Intelligence and optimization | | 01 |
| 7 | Dr Amit Choudhary | Assistant Professor | Machine Learning, Soft Computing, Data Science, Deep Learning, Computer Vision | | 02 |
| 8 | Dr Atul Tripathi | Assistant Professor | Machine Learning, Deep Learning, Nature Inspired Computing & Quantum Computing in AI, Computer Vision | | 01 |
| 9 | Dr Renu Dalal | Assistant Professor | Wireless Network, Machine Learning, Security, Big Data, Blockchain, and Data Science. | | 02 |
| 10 | Dr Manisha Parlewar | Assistant Professor | Machine Learning, Signal and Image Processing, Data Science, Deep Learning, Computer Vision | | 03 |
| 11 | Dr Sumit Chaudhary | Assistant Professor | Surface engineering and Tribology, Advanced Materials, Additive manufacturing (3D printing), Advanced Manufacturing. | Automation and Robotics | 03 |
| 12 | Dr Ravi Butola | Assistant Professor | Additive manufacturing (3D printing), Advanced Manufacturing, Robotic Welding, Robotics and Automation | | 02 |
| 13 | Dr Rajendra Arya | Assistant Professor | 3D printing, Robotics & Automation, Mechatronics systems, Advanced Manufacturing, Advanced Materials, Microfluidics, etc. | | 02 |

| S.No | Name of Recognized Supervisor | Designation | Specialization | Discipline in which the Supervisor has been recognized | Number of Slots to be filled in 2026-2027 |
|-------------|--------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------|
| 14 | Dr Pushp Kumar Baghel | Assistant Professor | Additive manufacturing (3D printing), Advanced Manufacturing, Robotics and Automation | | 02 |
| 15 | Dr Khyati Chopra | Assistant Professor | Digital Twin Technology for IoT applications, Physical layer Security, AIoT (Artificial Intelligence of Things), Game Theoretic Optimization for Energy Efficient IoT Systems, NB-IoT assisted smart grids and smart cities, Cognitive IoT system and modelling. | 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 |

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|------|-------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------|
| 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, Security Network for IoT, Healthcare and Medical Technology for IoT, Sustainability and Green Technology using IoT | | 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 |

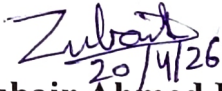
University School of Design and Innovation

| S.No | Name of Recognized Supervisor | Designation | Discipline in which the Supervisor has been recognized | Number of Slots to be filled in 2026-2027 |
|------|-------------------------------|---------------------|--------------------------------------------------------|-------------------------------------------|
| 1 | Dr. Nanki Nath | Assistant Professor | Design | 01 |
| 2 | Dr. Nikhilesh Sharma | Assistant Professor | Design | 01 |
| 3 | Dr. Tiju T Thomas | Assistant Professor | Design | Nil |


(Prof. Nimisha Sharma)
Director (RDC)

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