GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

"A State University established by Govt. of NCT of Delhi"

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OFFICE OF THE DIRECTOR (RESEARCH & DEVELOPMENT CELL)
Ph: 011-25302123 & email Id: drc@ipu.ac.in

L.No. GGSIPU/RDC/2024/2389   Dated: 23.04.2024

Subject: **List of Vacant slots to be filled under Ph.D Programmes for the academic session 2024-25.**

Ph.D.

University School of Automation and Robotics

S.No	Name of Recognized Supervisor	Designation	Specialization	Number of Slots to be filled in 2024-2025
1	Dr Ashish Joshi	Assistant Professor	AI in cyber security	02
2	Dr Amrit Pal Singh	Assistant Professor	Swarm Algorithms, Algorithms, Machine Learning optimization.	03
3	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.	03
4	Dr Sanjay Kumar Singh	Assistant Professor	Machine Learning, Deep Learning, Computer Vision	02
5	Dr Amit Chaudhary	Assistant Professor	Machine Learning, Soft Computing, Data Science, Deep Learning, Computer Vision	03
6	Dr Atul Tripathi	Assistant Professor	Machine Learning, Deep Learning, Nature Inspired Computing & Quantum Computing in AI	02
7	Dr Renu Dalal	Assistant Professor	Wireless Network, Machine Learning, Security, Big Data, Blockchain.	02
8	Dr Manisha Parlewar	Assistant Professor	Machine Learning, Signal and Image Processing, Data Science, Deep Learning, Computer Vision	04
9	Dr Sumit Chaudhary	Assistant Professor	Surface engineering and Tribology, Advanced Materials, Additive manufacturing (3D printing), Advanced Manufacturing.	04
10	Dr Ravi Butola	Assistant Professor	Advanced Manufacturing, Robotics and Automation, 3D Printing	04
11	Dr Rajendra Arya	Assistant Professor	3D printing, Robotics & Automation, Mechatronics systems, Advanced Manufacturing, Advanced Materials, Microfluidics, etc.	03
12	Dr Pushp Kumar Baghel	Assistant Professor	Welding Technology, Production Automation, Modelling and Simulation, Application of Design of Experiments	02
13	Dr Khyati Chopra	Assistant Professor	Wireless Security, Cognitive Communication, Smart IoT Applications, Game Theory	03
14	Dr Manoj Kumar	Assistant Professor	Advanced semiconductor devices characterization, modeling (Analytical/Machine Learning/Compact), and simulation, Radiation Effects (Gamma, heavy-ions, and X-rays) in advanced semiconductor Devices, Neuromorphic computing, Semiconducting Qubits and	04

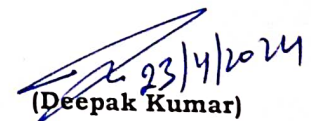|			peripheral Cryogenic Electronic Circuits for Quantum computing, Multigate MOSFET Reliability and RF Performance for 6G, Semiconductor memory design and simulations, FPGA-based hardware-level security for IoT, Semiconductor Devices Based Sensors/IoT Sensors, Brain Computer Interface based IoT Device/Systems	
15	Dr Neeta Singh	Assistant Professor	Antennas, Microwave devices, Rf Energy Harvesting for IOT devices, Rectenna, Wireless Power Transmission, green energy communication using Machine learning	03
16	Dr Ghanendra Kumar	Assistant Professor	Fiber-optic communication system, Fiber-Wireless communication, Electronics Engineering.	04
17	Dr Subhash Nimanpure	Assistant Professor	THz Detector for 6G and Homeland Security	02

University School of Design and Innovation

S.No	Name of Recognized Supervisor	Designation	Specialization	Number of Slots to be filled in 2024-2025
1	Dr Tiju. T. Thomas	Assistant Professor	Industrial Design, Lightweight Structural design, Meta-Materials, Composite Structures	04

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

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1. In-charge, UITS (for uploading on University website).
2. Guard File.

23/4/2024

(Deepak Kumar)
Section Officer (RDC)