

Research Areas and Vacant Slots of Ph.D. Supervisors**Session 2023-24**

Sr. No.	Dept. Name	Name of Faculty	Discipline in which eligible to supervise Ph.D.	Research Area	No. of Vacant slots
1.	Applied Science	1. Prof. BC Choudhary	Physics	Nano-technology, Nano-sensors Simulations	01
		2. Prof. Pankaj Sharma	Physics	Nano-materials, Compound Semiconductors	02
		3. Dr. Ashok Kumar	Physics	Nano-structuring enabled energy storage	02
		4. Dr. KC Lachhwani	Mathematics	Optimization MPPs etc.	02
2.	Civil Engg.	1. Prof. Sanjay Sharma	Civil Engg.	Structure Engg. , Green Buildings	02
		2. Prof. Hemant Sood	Civil Engg.	Concrete Technology	01
		3. Dr. Amit Goyal	Civil Engg.	Earthquake Engg. , Civil Structures	02
3.	Computer Science & Engineering	1. Prof. C. Ramakrishna	CSE	Cyber Security, Wireless Network, Cloud Computing, Application of AI/ML/DL	NIL
		2. Dr. Amit Deogar	CSE	Machine Learning	02
		3. Dr. Mala Kalra	CSE	Cloud Computing, Machine Learning	NIL
4.	Curriculum Development	1. Prof. Rajesh Mehra	ECE	VLSI Design, DSP, FPGA System Design, Renewable Energy	07
		2. Dr. SK Gupta	Civil Engg.	Civil Engg.	All slots vacant
		3. Dr. Meenakshi Sood	ECE	Image Processing, Biomedical Engg.	04
6.	Electrical Engg.	1. Prof. Lini Mathew	Electrical Engg.	FACTS, Electric Vehicles, Electric Power Systems	05
		2. Prof. Poonam Syal	Electrical Engg.	Renewable Energy Sources, Net Zero Energy for Sustainability Energy Efficiency & Management	07
		3. Dr. Ritula Thakur	Electrical Engg.	Smart Grid, Electric Vehicle, Micro grid, real Time Simulation Studies	02

7.	Electronics & Communication & Engg.	1. Dr. Balwinder Singh Dhaliwal	ECE	Antenna Design, Wearable Antennas, Flexible Antennas, Soft Computing for Antenna Design, Digital Filter Design using soft computing, Development of Hybrid Soft Computing Techniques, ANN Ensemble	01
		2. Dr. Kanika Sharma	ECE	Embedded Systems, Wireless Sensor Network, Wireless Communication, VLSI	All slots are vacant
		3. Dr. Garima Saini	ECE	Flexible Antenna, Wireless and Mobile Communication, AI + Antenna	02
8.	Entrepreneurship Development & Industrial Coordination (EDIC)	1. Prof. Niraj Bala	Mechanical Engg.	Surface Engg., Manufacturing Practices	06
		2. Prof. Suresh Kumar Dhameja	Management	Entrepreneurship, SME-Management, Human Resource Management	08
		3. Dr. Harsh Vardhan Samalia	Management (Strategy/IS)	Strategic Management Inform System	03
9.	Information Management & Emerging Engineering	1. Prof. Maitreyee Dutta	CSE	Image Processing, Cyber Security, IOT	04
		2. Prof. S.S. Gill	ECE	VLSI Design	02
10.	Mechanical Engg.	1. Prof. B.S. Pabla	Mechanical Engg.	Manufacturing	05
		2. Prof. S.S. Banwait	Mechanical Engg.	Tribology	08
		3. Prof. S.S. Dhami	Mechanical Engg.	Automation, Manufacturing Technology	04
		4. Prof. Rupinder Singh	Mechanical Engg.	3D Printing, Casting	0
		5. Dr. P.S. Rao	Mechanical Engg.	Advanced Machining, Hybrid Machining	02
11.	Media Engg.	Prof. S.S. Pattnaik	Electronics & Communication Engg.	Antenna, Video & Applications of Soft Computing	07
		Prof. Rakesh K Wats	Management	Quality Management	05

