

**Department of Electronic Science University of Delhi, South Campus
Ph.D. Admission 2024-25**

List of Supervisors (Department), seats requirements and Major areas of Research

S.N.	Name of Supervisor	Major Research Area	Contact Number
1.	Prof. Harsupreet Kaur	Modeling and Simulation of semiconductor devices, circuits, sensor applications, RF & Microwave applications	9811905600
2.	Sr. Professor Mridula Gupta	Modeling and Simulation of semiconductor devices	9810868230
3.	Prof. Manoj Kumar Khanna	Material Science, Magnetic materials, VLSI, biosensors	8700632879
4.	Prof. Kamlesh Patel	MIMO antennas for 5G & 6G, Feeding networks for Array antennas, Radar Signal Processing, Tunable Multi-band filters for 5G applications, Radar Cross Section reduction technique	9818031888
5.	Dr. P. Koteswara Rao	Fabrication and Characterization of Nano Structured Semiconductor Materials and Devices	7838971276
6.	Dr. Vanita Jain	Soft Computing, Artificial Intelligence and Machine Learning, Control Theory, Optimization Techniques and System Engineering	9868900231
7.	Dr. Ashwani Kumar	RF and Microwave Passive Components, Antennas, MIMO antennas for 5G & 6G Communication, Metasurface and Metamaterial	9999654486
8.	Dr Mukesh Kumar Khandelwal	Metasurfaces, Metamaterials, RF & Microwave, Antennas, Communication	9015580922
9.	Dr. Biswajeet Mukherjee	Electromagnetics, Microwave Passive & Active components, Antenna Engineering, THz Nano antenna, Computational Electromagnetics	9425805501
10.	Dr. Manoj Kumar Mukul	Speech and Biomedical Signal Processing, Brain-Computer Interface	7004693335, 8987512413
11	Dr. Yogesh Pratap	Nano-electronics, VLSI, Bio-sensors	9540417814
12	Dr. Vikram Kumar	Application of Microwave and Computational Electromagnetics	9452562369

List of Supervisors (Colleges), seats requirements and Major areas of Research

S.N.	Name of Supervisor	Research Area	Name of College	Contact Number
1.	Prof. Lalita Josyula	Electronic Materials Engineering	Sri Venkateswara College	9312224976
2.	Prof.P.K.Shishodia	Material Science, Semiconductor thin film fabrication and Characterization. Photo voltaic devices and Sensors.	Zakir Husain Delhi College , University of Delhi.	9818257720
3.	Prof. Geeta Mongia	Bio-electricity generation using microbial fuel cell technology	Bhaskaracharya College of Applied Sciences	9810063022
4.	Prof. Geeta Bhatt	Non Collegiate Women's Education Board , University of Delhi	Nano material, Carbon Quantum Dots, optical sensors	9810897367
5.	Prof. P Arun	Material Science	S.G.T.B. Khalsa College	9899313404
6.	Prof. Avneesh Mittal	Material Science/ Smart Electronics	Bhaskaracharya College of Applied Sciences	9540758800
7.	Prof. Jagneet Kaur Anand	Optical electronics, SPR sensors, optical waveguides and devices	Keshav Mahavidyalaya, University of Delhi	9899187424
8.	Prof. Neha Sharma	Spintronics. Magnetic ultrathin films and heterostructure. Nanowires, nanoparticles. Applications & device fabrication to MMICs, Spin-transistors, Sensors, Nanoparticle based Cancer detection & therapy, etc.	Keshav Mahavidyalaya, University of Delhi	9958124774
9.	Prof. Amit Kumar	Computational & Simulation Studies on Low dimensional Nano-structures for futuristic devices	Bhaskaracharya College of Applied Sciences	8076138700
10	Prof. Anju Agrawal	Microelectronics	Acharya Narendra Dev College	98102150970
11	Prof. Udaibir Singh	Material Science and Optics	Acharya Narendra Dev College	9811346445

12	Prof.Amit Jain	Material Science, Solar Cells	Rajdhani College	7982615859
13	Prof. Sneha Kabra	Nanoelectronics, advanced Semiconductor device based sensors and digital circuits, Photovoltaic devices.	SRCASW	9868847325
14	Prof. Dr. Ravneet Kaur	Short Channel Effects in advanced MOSFET structures	Acharya Narendra Dev College, University of Delhi	9810836367
15	Dr. Manoj K Tiwari	Nanotechnology, Material Science	Bhaskaracharya College of Applied Sciences	7880312312
16	Dr. Jitender Kumar	Material Science (Growth and Characterization of nanomaterial's suitable for photovoltaic applications /sensors)	Bhaskaracharya College of Applied Sciences	9910941616
17	Dr. Inderpreet Singh	Material Science, Nanomaterials	SGTB Khalsa College	9891428544
18	Dr. Manish Kumar	Artificial intelligence, Machine learning and Materials Science	Zakir Husain Delhi college	8708020850
19	Dr. Rakhi Narang	Semiconductor Device Modeling and Circuit Simulation	Sri Venkateswara College	9891999026
20	Dr. Sachin Kumar	Embedded Systems, Machine Learning, Artificial Intelligence. Cyber Physical Systems,	Atma Ram Sanatan Dharma College	7827328094
Total Seats		62		