

Ongoing PhD Students: ECE Department

S. No	Roll No.	NAME	Mode of Admission	Supervisor	Date of Registration	Mode of Admission	Tentative Topic of Thesis
1	233221211	Arathy Rajeev	Full-Time	Dr. Sandeep Kumar	29.01.2024	Institute Fellowship	Detection of Neural disorders using EEG signals analysis
2	233221212	Archana	Full-Time	Dr. D. Vaithyanathan	29.01.2024	Institute Fellowship	Design and Analysis of FinFET device
			Full-Time	Dr. Manish Verma			
3	233221213	Roopam	Full-Time	Prof. Jyoteesh Malhotra	29.01.2024	Institute Fellowship	Optical Wireless Communication
4	233221205	Kritika Upadhyay	Full-Time	Dr. Manisha Bharti	08.01.2024	Institute Fellowship	Wireless Communication
			Full-Time	Prof. Manoj Kumar			
5	233221202	Ankur Mittal	Full-Time	Dr. Mahesh Kr. Singh and Dr. Nitin Singh Singha	08.01.2024	Institute Fellowship	Image Processing using Machine Learning
6	233221203	Anuraj V	Full-Time	Dr. D. Vaithyanathan	08.01.2024	Institute Fellowship	Study & Analysis of MAC Unit & Application in multimedia
7	233221208	Nidhi Yadav	Full-Time	Prof. (Dr.) Jyoteesh Malhotra	08.01.2024	Institute Fellowship	Smart Agriculture
8	233221209	Nikita	Full-Time	Dr. Rikmantra Basu	08.01.2024	Institute Fellowship	Semiconductor Photonic Devices
				Dr. Preeti Verma			
9	233221105	PRACHI AGARWAL	Part Time	Dr Mahesh Singh	01.08.2023	Self financed	Channel Modelling
				Dr Dharmendra Jhariya			
10	233221106	Priyanshu Lakra	Full-Time	Prof. Manoj Kumar	01.08.2023	Institute Fellowship	Design and Optimization of Nano-Scale CMOS Low Power VCO Circuits
11	233221107	Seema Devi	Full-Time	Dr Nitin Singh Singha and Dr. Mahesh Kumar Sing	01.08.2023	Institute Fellowship	Brain Computer Interface

12	233221108	Vibhash Choudhary	Full-Time	Pof. Manoj Kumar	01.08.2023	Institute Fellowship	Performance Improvement and Reliability Analysis of Ultra Scaled Vertical Dopingless Tunnel Field Effect Transistor
13	223221103	Hemant Kumar Varshney	Full-Time	Dr Dharmendra Jhariya	30.08.2022	Institute Fellowship	High Gain UWB Antenna for Band Notch Characteristics using Frequency Selective Surface
				Dr Sachin Agrawal			
14	213221202	Abhishek Upadhyay	Full-Time	Dr Mahesh Kumar Singh	15.03.2022	Institute Fellowship	Secured SRAM & SARADC
15	213221209	Madhulika Verma	Full-Time	Dr Sachin Agrawal	15.03.2022	Institute Fellowship	Investigating the Potential of Bio-TFET Devices
16	213221210	Mohan Kumar Paswan	Full-Time	Dr Rikmantra Basu	15.03.2022	Institute Fellowship	Surface Plasmon Resonance (SPR) Phenomenon Based Refractive Index Sensors for
17	233222201	Anish Kumar	Part-Time	Dr. D. Vaithiyathan	15/01/2024	Self financed	Steady and Analysis of Low power testability and observability circuits
				Dr. Preeti Verma		Self financed	
18	233222206	Mayurika Saxena	Part-Time	Dr D Vaithiyathan	1/8/2024	Self financed	Design and Simulation of TFET for ultra low power Application
				Dr. Manish Verma		Self financed	
19	233222210	Prashant Yadav	Part-Time	Prof. (Dr.) Manoj Kumar	08.01.2024	Self financed	DWDM & its current challenges
				Dr. Manisha Bharti		Self financed	
20	233222207	Navjot Singh	Part-Time	Dr. Gyanendra Sheoran	08.01.2024	Self financed	Autonomous Transformable Rover Drone
				Dr. Sandeep Kumar		Self financed	
				Dr. Pankaj Mukhija		Self financed	
21	233222102	Bhupender Singh	Part-Time	Dr. Rikmantra Basu	02/08/2023	Self financed	Tandem Solar Cell

22	233222103	Deeksha Sankrit	Part-Time	Prof. (Dr.) Manoj Kumar	08.01.2023	Self financed	Design and Optimization of Operational transconductance amplifier (OTA) for low power VLSI applications
23	223222202	Surender Singh Bisht	Part Time	Dr Dharmender Kumar Jhariya	03.04.2023	Self financed	Electromagnetic Wave Absorption using Metamaterial Absorber
24	223222201	Akhilesh Kumar Tiwari	Part Time	Dr Manisha Bharti	03/04/2023	Self financed	PERFORMANCE ENHANCEMENT OF MICROSTRIP PATCH
				Dr Gyanendra Shoeran			
25	223222102	Harsha Mann	Part Time	Dr Manisha Bharti	30/08/2022	Self Financed	
26	223221104	Vadthya Bheemudu	Part Time	Dr D Vaithiyanathan	30/08/2022	Self financed	
				Dr. Baljit Kaur			
27	213221207	Komal Gupta	Part-Time	Dr D Vaithiyanathan	16/03/2022	Self financed	Design of CMOS circuit
				Dr. Preeti Verma			
28	213222205	Himanshu Nagpal	Part Time	Dr Sachin Agrawal	15/03/2022	Self financed	
29	213222208	Lalit Negi	Part Time	Dr Sandeep Kumar	15/03/2022	Self Financed	DESIGN AND ANALYSIS OF A SECURED EFFICIENT CRYPTO-STEGO TECHNIQUE FOR ENHANCING DATA
				Dr Manisha Bharti			
30	213222211	Pankaj Kumar Gautam	Part Time	Dr Dharmendra Kumar Jhariya	15/03/2022	Self financed	Design and analysis of MIMO antenna for wireless communication
31	213222212	Praveen Kumar Chakravarti	Part Time	Dr Manisha Bharti	15/03/2022	Self Financed	Design and Development of Planar Antenna for wireless communication system
				Dr V S Pandey			
32	213222213	Priyanka Thakur	Part Time	Dr Manisha Bharti	15/03/2022	Self financed	Design and Analysis of RoF System for 5G/6G Applicatuions

33	213222214	Surender Kumar	Part Time	Dr Rikmantra Basu	15/03/2022	Self Financed	Photovoltaic Solar Cell
34	193221101	Omendra Kumar Singh	Part-Time	Dr Baljit Kaur	07.08.2019	Institute Fellowship	Double gate Tunnel FET for analog /RF and biosensing applications.
35	243221103	Madhu Verma	Full Time	Dr. Preeti Verma and Prof. Dr. Jyoteesh Malhotra	1/8/2024		
36	243221108	Shabhya Gupta	Full Time	Dr. Sachin Agrawal	1/8/2024	Institute Fellowship	
37	243221101	Ankit Kr Gaur	Full Time	Dr Manish Verma and Dr. D. Vaithiyanathan	07.10.2024	Institute Fellowship	Design of OPAMP using MOSFETs at lower technology nodes
38	243221110	Km Nitu Gupta	Full Time	Dr. D. Vaithiyanathan and Dr. Baljit Kaur	27.08.2024	Vishvashvarya Scholarship	
39	243221113	Vidit Prabhakar	Full Time	Dr. Mahesh K. Singh and Dr. Nitin Singh Singha	21.10.2024	Vishvashvarya Scholarship	Video Stabilization from Dynamic Random Motion of the UAV
40	243221111	Vimla Bharti	Full Time	Dr. D. Vaithiyanathan , Dr Baljit Kaur	17-09-2024	SMDP C2SD	
41	243222104	Mahavir Prasad Olaniya	Part-Time	Dr. D. Vaithiyanathan and Prof. (Dr.) Jyoteesh Malhotra	01.08.2024	Part-Time under Vishvashvarya Scheme	
42	243222102	Jatin Gaur	Part-Time	Dr. V.S PANDEY & Dr. Divya Punia	01.08.2024	Self Financed	
43	243222105	Mukesh Pathela	Part Time	Dr. Dharmendra Kumar Jhariya	2024-25 Autumn Sem	Self financed	
44	243222202	Satyam Mishra	Part Time	Dr Sandeep Kumar Dr Manisha Bharti	01.01.2025	Self financed	Biomedical Signal Processing
45	243222109	Sourabh Jain	Part Time	Dr. Sachin Agrawal	01.01.2025	Self financed	Design and Investigation of
46	243222112	Anurag Kumar Katiyar	Part Time	Dr. Jyoteesh Malhotra Dr. V. S. Pandey	15.10.2024	Part-Time under Vishvashvarya Scheme	Design, Development & Analysis of
47	253221102	Parul pandey	Full Time	Dr. Rikmantra Basu	11.08.2025	Institute Fellowship	Solar Cell and Opto Electronic Devices
48	253221101	Chandrakant Singh	Full Time	Prof. Manoj Kumar	11.08.2025	Institute Fellowship	Electronic Devices, Electronic Circuit & Low Power VLSI

49	253222104	Sunil Kumar	Part Time	Prof. Manoj Kumar	11.08.2025	Self financed	Low Power VLSI
50	253222103	Rajesh Kumar	Part Time	Dr. Sandeep Kumar	13.08.2025	Self financed	Application of AI in Signal Processing and Communication Network