

PhD Admitted/Pursuing:

S.NO	NAME OF CANDIDATE	SUPERVISOR/CO-SUPERVISOR	DATE OF JOINING	SESSION OF ADMISSION	TITLE OF THESIS	STATUS
1	Swarna Majumdar	Prof. Neelofer Afzal/ Prof. S. A. Loan	18-12-2017	2017-2018	Design and development of CNT based Digitally programmed Signal Processing Circuit	PhD Pursuing
2	Mohd. Aleem Farshoori	Dr. M. Nizamuddin	11-02-2019	2018-2019	Design and Performance analysis of Nanoelectronic circuits for biomedical application	PhD Pursuing
3	Zoya Ali	Dr. M. Nizamuddin	01-10-2019	2019-2020	Design and performance analysis of CNTFET based analog circuits.	PhD Pursuing
4	Faraz Hashmi	Dr. M. Nizamuddin	01-10-2019	2019-2020	Design of Graphene Based Nanoelectronics Circuits for Low Power Applications.	PhD Pursuing
5	Mir Bintul Islam	Dr. M. Nizamuddin/ Prof. S.S. Islam	03-10-2019	2019-2020	Fabrication and performance Analysis of Nanoelectronics Devices using Advanced Materials.	PhD Pursuing

6	Hammadur Rub Ansari	Dr. M. Nizamuddin/ Dr. Prabhash Mishra	09-10-2019	2019-2020	Design and Development of Two-Dimensional Materials Based Optoelectronic Devices	PhD Pursuing
7	Adil Zaidi	Dr. M. Nizamuddin/ Prof. Dinesh Prasad	27-08-2021	2021-2022	Design and implementation of emerging silicon-carbon nano electronic circuits for biomedical devices	PhD Pursuing
8	Diwakar Kumar	Dr. Imran Ahmed Khan	07-09-2021	2021-2022	Performance Analysis of Multi-cell MIMO for 5G wireless networks for uncorrelated Rician fading channels	PhD Pursuing
9	Som Kumar Basant	Dr. Md.Waseem Akram/Dr.M.Nizamuddin	07-09-2021	2021-2022	"Design of high performance ambipolar CNTFET based Nanoelectronic circuits for modern memory applications."	PhD Pursuing
10	Neha Mubarak	Prof. Neelofer Afzal/ Prof. S.A. Loan	08-09-2021	2021-2022	One dimensional semiconductor materials for nanowires and their applications	PhD Pursuing
11	Maryam Raza	Dr. Imran Ahmed Khan/ Dr. M. Nizamuddin	09-09-2021	2021-2022	DESIGN AND PERFORMANCE ANALYSIS OF NANOELECTRONIC CIRCUITS FOR BIOMEDICAL APPLICATIONS	PhD Pursuing

12	Mohammad Asif	Prof. M.T Beg / Dr.M.Nizamuddin	10-09-2021	2021-2022	Design and Simulation of Magnetic Tunnel Junction Based Nanoelectronics Circuits for Spintronics Applications	PhD Pursuing
13	Tarannum Parvin	Prof. Neelofer Afzal/ Prof. S.A. Loan	21-09-2021	2021-2022	Analog signal processing circuits using GNRFET.	PhD Pursuing
14	Mohd. Faizan	Prof. S. A. Loan	13-09-2022	2022-2023	Design and simulation of nanoelectronics devices for spiking neural networks with application of image classification	PhD Pursuing
15	Mohd. Zafar Alam	Dr. Imran Ahmed Khan/ Dr. S.I. Amin	16-09-2022	2022-2023	DESIGN AND ANALYSIS OF POWER MOSFETs AND ITS APPLICATION IN POWER ELECTRONICS	PhD Pursuing
16	Zubair Rasool	Dr. S. I. Amin/ Prof. Dinesh Prasad	06-08-2023	2023-2024	Novel Semiconductor devices for Synaptic neural networks(SNN)	PhD Pursuing
17	Sana Tabassum	Prof. S. A. Loan	06-08-2023	2023-2024	Design and simulation of High-Performance Silicon Carbide based Power Devices	PhD Pursuing

18	Mohd. Bilal	Prof. M. Nizamuddin/ Prof. Mainuddin	06-08-2023	2023-2024	Design and Investigation on Optical fibre sensors	PhD Pursuing
19	Nasreen Bano	Prof. M. Nizamuddin	06-08-2023	2023-2024	Design And Performance Analysis of Nanoelectronic Circuits for Low Power Applications	PhD Pursuing
20	Shyam Kishor Ranjan	Prof. Dinesh Prasad/ Dr. S. I. Amin	06-09-2023	2023-2024	Nanosheet FET based devices and its applications in analog signal processing	PhD Pursuing
21	Lakhan Mehra	Dr. S. I. Amin/Prof. S. A. Loan	04-04-2024	2024-2025	Design & Modelling of steep subthreshold devices and their applications.	PhD Pursuing
22	Ankita Bhat	Prof. S. A. Loan	03-04-2024	2024-2025	Design, simulation and modeling of emerging devices for continued CMOS scaling	PhD Pursuing

PhD AWARDED

NAME OF CANDIDATE	SUPERVISOR/CO-SUPERVISOR	DATE OF JOINING	TITLE OF THESIS	STATUS	NOTIFICATION NUMBER	YEAR OF PhD AWARD	SESSION OF PhD AWARD
1. Mohd. Haris	Prof. S. A. Loan/ Prof. Mainuddin	30-09-2015	Design and simulation of high performance III-V compound based semiconductors devices	Awarded (Visvesvaraya FT)	COE/PhD/(Notification)/496/2021, 13/7/2021	2021	2021-2022
2. Garima Shukla	Prof. M. T. Beg/ Prof. Brejesh Lall	29-09-2015	Evaluation of Trends in LTE and Transition to 5G	Awarded	COE/PhD/(Notification)/496/2021, 13/7/2021	2021	2021-2022
3. Zainab Haseeb	Prof. Dinesh Prasad/ Prof. Mainuddin/ Dr. M. W. Akram	04-11-2016	Realization of Immittances using Modern Active Building Blocks and Their Applications	Awarded	COE/PhD/(Notification)/496/2021, 13/7/2021	2021	2021-2022
4. Maskud Alam	Prof. Mainuddin/ Prof. M. T. Beg/ Prof. B. K. Kanojia	30-03-2016	Design and Analysis of Microstrip Antenna for Wireless Applications	Awarded (Visvesvaraya FT)	COE/PhD/(Notification)/500/2021, 08/10/2021	2021	2021-2022
5. Sandeep Sharma	Prof. Mainuddin/ Prof. B.K. Kamojia	29-09-2015	Microstrip patch Antenna with defected Ground Structure for Wireless applications	Awarded (Visvesvaraya PT)	COE/PhD/(Notification)/504/2021, 27/12/2021	2021	2021-2022
6. Md. Rizwan Uddin Sheikh	Prof. S. A. Loan	30-09-2015	Design and Simulation of green nano electronics devices	Awarded (Visvesvaraya FT)	COE/PhD/(Notification)/504/2021, 27/12/2021	2021	2021-2022

7.	Fahim	Prof. Mainuddin/ Dr. A. T. Nimal	29-09-2015	Development surface Acoustic Wave(SAW) based sensors	Awarded (Visvesvaraya PT)	COE/PhD/(Notification)/504/2021, 27/12/2021	2021	2021-2022
8.	Vandana	Prof. Anwar Ahmad/ Prof. M. T. Beg/ Prof. Mainuddin		An Investigation to Improve the performance of MIMO-OFDM System	Awarded	COE/PhD/(Notification)/507/2022, 10/2/2022	2022	2021-2022
9.	Manish Kumar Singh	Dr. S.I. Amin	28-09-2015	Design and Analysis of energy efficient data transmission schemes for wireless sensor networks	Awarded	COE/PhD/(Notification)/512/2022, 26/4/2022	2022	2021-2022
10.	Ravendra Singh	Prof. Dinesh Prasad	18-12-2017	FTFNTA based Analog Signal Processing /Generation Circuits	Awarded	COE/PhD/(Notification)/514/2022, 02/6/2022	2022	2022-2023
11.	Md. Balal Siddiqui	Prof. M.T. Beg/ Prof. S. N. Ahmad	9/29/14	Algorithmic Optimization for Binary Decision Diagram Mapped Logic Circuits	Awarded	COE/PhD/(Notification)/516/2022, 28/6/2022	2022	2022-2023
12.	Seema Jogad	Prof. Neelofer Afzal/ Prof. S. A. Loan	15-11-2015	Design and Simulation of Carbon Nanotube Based Signal Processing Circuits	Awarded	COE/PhD/(Notification)/523/2022, 07/11/2022	2022	2022-2023
13.	Rajeev Kumar Dohare	Prof. Mainuddin/ Dr. Gaurav Singhal	29-09-2015	Investigation on Novel Processes in Flowing Medium LASERS using Customized Acquisition and Analysis system	Awarded (Visvesvaraya PT)	COE/PhD/(Notification)/530/2023, 17/2/2023	2023	2022-2023
14.	Amber Khan	Prof. Mainuddin/ Prof. Moinuddin	30-09-2015	Analysis of QoS Parameters of WBANs	Awarded	COE/PhD/(Notification)/531/2023, 03/3/2023	2023	2022-2023
15.	Mukesh Kumar Jindal	Prof. Mainuddin	30-03-2016	Acquisition, processing and analysis of LIDAR signal for remote detection of species in the atmosphere	Awarded (Visvesvaraya PT)	COE/PhD/(Notification)/540/2023, 23/6/2023	2023	2023-2024

16.	Anam Khan	Prof. S. A. Loan	18-12-2017	Design and Development of Emerging Energy Efficient Nano Electronic devices	Awarded	COE/PhD/(Notification)/54 1/2023, 10/7/2023	2023	2023-2024
17.	Anam Mobin	Prof. Anwar Ahmad	03-10-2019	Performance Analysis of Filter Bank Multicarrier Waveform for 5G and Future Wireless Systems	Awarded	COE/PhD/(Notification)/54 5/2023, 15/9/2023	2023	2023-2024
18.	Naveen Kumar	Prof. Anwar Ahmad	06-02-2019	Intelligent Mobile communication: When 5G meets Artificial Intelligence.	Awarded	COE/PhD/(Notification)/54 5/2023, 15/9/2023	2023	2023-2024
19.	Anuj Kumar Varshney	Prof. Mainuddin/ Dr. Gaurav Singhal	29-09-2015	Investigations on fluid medium laser and their scalability aspects	Awarded (Visvesvaraya PT)	COE/PhD/(Notification)/54 5/2023, 15/9/2023	2023	2023-2024
20.	Neda Fatima	Prof. Anwar Ahmad	03-10-2019	SWOC Analysis of IoT Products using AI Techniques	Awarded	COE/PhD/(Notification)/54 8/2023, 06/11/2023	2023	2023-2024
21.	Mohd Ashraf	Prof. Mainuddin/ Prof. M.T. Beg	05-10-2019	Investigation into Optical Communication/Optical sensors.	Awarded	COE/PhD/(Notification)/56 3/2024, 25/07/2024	2024	2024-2025
22.	Hafsa Nigar	Prof. S. A. Loan	02-11-2016	Design and simulation of high performance power semiconductor devices	Awarded	COE/PhD/(Notification)/56 2/2024, 24/07/2024	2024	2024-2025
23.	Satya Prakash Singh	Dr. M. W. Akram	19-12-2017	Design and Simulation of Multigate junctionless transistors	Awarded	COE/PhD/(Notification)/56 7/2024, 24/09/2024	2024	2024-2025

24.	Salman Ahmad Siddiqui	Prof. Anwar Ahmad	03-10-2019	Designing Framework for Smart IoT Solutions Using AI Techniques.	Awarded	COE/PhD/(Notification)/55 8/2024, 10/05/2024	2024	2023-2024
25.	Umayia Mushtaq	Dr. Md. Waseem Akram/ Prof. Dinesh Prasad	01-10-2019	Design of low Power Circuits Using FinFET	Awarded	COE/PhD/(Notification)/57 6/2025, 17/03/2025	2025	2024-2025
26.	Aadil Anam	Dr. S.I. Amin/ Prof. Dinesh Prasad	01-10-2019	Negative capacitance tunnel field effect transistor with buried strained Si1-xGex source: a novel device with low sub threshold swing an high ON current	Awarded	COE/PhD/(Notification)/57 4/2025, 07/02/2025	2025	2024-2025
27.	Sandeep Gulia	Prof. Anwar Ahmad	28-09-2015	Some Techniques for Performance Improvement in LTE-A Mobile Networks	Awarded	COE/PhD/(Notification)/57 4/2025, 07/02/2025	2025	2024-2025
28.	Aafreen khan	Prof. Anwar Ahmad	01-10-2019	Antenna Designing for 5G Applications	Awarded	2022	2022	2022-2023
29.	Shailendra Bisariya	Prof. Neelofar Afzal	07-11-2016	Reconfigurable Analog Modules using CDTA	Awarded	2024	2024	2024-2025