

Faculty of Engineering & Technology
Department of Electronics & Communication Engineering
List of Ph.D. Ongoing Scholars

Sr. No	Registration No.	Name of The Candidate	Topic of Research	Name of Supervisor	Name of Co-Supervisor	Date of Registration	Submitted
1	17159001	Mr. Satyender	An Efficient Novel Method for Classification of EEG Signal for Epilepsy Detection and Its Performance Analysis	Prof. Sanjeev Kumar Dhull	Dr. Krishna Kant Singh	30.03.2017	-
2	17159003	Mr. Ajay Kumar	Performance Enhancement of ROF Communication System Based on Advanced Optical Signal Upconversion Techniques	Dr. Deepak Kedia	Dr. Shelly Singla	30.03.2017	-
3	17159004	Mr. Vijay Pal Singh	Performance Evaluation of Photovoltaic Solar Panels in Semi Desert Area of Haryana (India).	Prof. Sandeep K. Arya	Dr. Ajay Shankar	30.03.2017	-
4	180150090001	Ms. Nidhi	Design and Analysis of Analog Inverse Active Filters Employing Modern Active Building Blocks	Dr. Ramnish Kumar	-	27.03.2018	-
5	180150090002	Ms. Komal	Design and Analysis of Analog Active Filters and Oscillators Using Modern Active Building Blocks	Dr. Ramnish Kumar	Dr. K. L. Pushkar	27.03.2018	-
6	180150090003	Ms. Rajni	Improved Design of Low Power and High Speed Digital FIR Filter using VLSI	Prof. Sanjeev Kumar Dhull	-	27.03.2018	-
7	180150090004	Mr. Deepak Garg	Performance Enhancement of Next Generation Fibre Wireless Networks	Dr. Abhimanyu Nain	-	15.11.2018	-
8	180150090005	Mr. Avinash Kumar	Performance Evaluation of Techniques for Mitigation of Nonlinearities in Rof Based Wireless Networks	Dr. Abhimanyu Nain	Dr. Shelly Singla	15.11.2018	-
9	180150090006	Ms. Anuja	Speech Emotion Recognition Using Machine Learning Techniques	Prof. Sanjeev Kumar Dhull	-	15.11.2018	-

10	180150090007	Mr. Sahil Khokhar	Advanced Character Detection & Recognition System Using Soft Computing Techniques	Prof. Deepak Kedia	Prof. Pawan Kumar Dahiya	15.11.2018	-
11							
12	190150090001	Ms. Vanita Mehta	Design and Modeling of Nanoscale Gate All Around MOSFET.	Prof. Sandeep K. Arya	Prof. Rajiv Sharma	26.03.2019	-
13	19015009002	Ms. Bahareh Dabaghiannejed	Fabrication and Characterization of nanomaterial's for Electromagnetic Application	Dr. Sandeep K. Arya (ECE)	Dr. Sandeep Kumar Deptt. of Bio and Nano Tech., GJUS&T, Hisar	04.03.2020	-
14	19015009003	Mr. Sardhul Singh Dhayal	Fabrication and Characterization of OFET using Novel Organic Semiconducting Material	Dr. Abhimanyu Nain (ECE)	Dr. Amit Kumar, Central Uni. Of Haryana, Mahendergarh	04.03.2020	-
15	19015009004	Ms. Vinita	A Novel Approach for Solar PV Power forecasting using Artificial Neural Network	Dr. Abhimanyu Nain (ECE)	Dr. Sumit, A.P (EE), GJUS&T, Hisar	04.03.2020	-
16	19015009005	Ms. Anju Gupta	Implementation and Analysis of Motion Detection for Corrective Index of Exercise Executed	Dr. Sanjeev Kumar Dhull (ECE)	Dr. Sanjeev Kumar, Senior Scientist, Biomedical Instrumentation, CSIF-CSIO, Chandigarh	04.03.2020	-
17	19015009006	Ms. Ankita Rani	Design of an Improved RoF System With ML Assisted Performance Monitoring	Dr. Deepak Kedia (ECE)	-	04.03.2020	-
18	19015009007	Ms. Kamaldeep Kaur	Performance Analysis of Improved RoFSO based Communication Networks	Dr. Abhimanyu Nain (ECE)	-	04.03.2020	-
19	200150090101	Mr. Navin Kumar	RISC-V based Reconfigurable Channel Coding Schemes for 5G and a Iot applications	Dr. Deepak Kedia (ECE)	Dr. Gaurav Purohit, Senior Scientist, CEERI, Pilani (Raj)	16.12.2021	-