Ph.D. completed in EEE (2013-till date)

S.No	Name	ID	Title of thesis	Supervisor	Completion
1	**Anurup Mitra**	2005PHXF022P	Exploratory Studies in Parameter Determination for High Quality Hindi Speech Generation using the Klatt Synthesiser	Chandrashekhar (CEERI)	14 August 2013
2	**Rahul Singhal**	2006PHXF423P	Design, Fabrication, and Characterization of Thin-Film Polymeric Optical Splitters	M.N. Satyanarayanan	30 August 2013
3	**Navneet Upadhyay**	2009PHXF035P	Transform Based Multi-Band Speech Enhancement Algorithms	Abhijit Karmakar (CEERI)	27 November 2013
4	**Manoj Kumar Datta**	2007PHXF404P	Design and Performance Analysis of Contention Resolution Techniques in Optical WDM Networks	V.K.Chaubey	22 July 2013
5	**Rajiv Ranjan Singh**	2001PHXF419P	Real-Time Physiological Signal acquisition and analysis for the development of a wearable driver assistance system	Rahul Banerjee	25 August 2014
6	**Rajesh Purohit**	1997PHXF004P	Investigations on Alkaline Earth Sulphide Phosphors Activated by Copper for Fluoro-optic Temperature Sensing	R. P. Khare	14 March 2014
7	**Jai Gopal Pandey**	2008PHXF018P	Architectures and Algorithms for Image and Video Processing Using FPGA based Platforms	Chandrasekhar (CEERI)	2 May 2015
8	**Ashish Kumar Sharma**	2010PHXF001P	Design, simulation, and analysis of RE-MEMS switches for reconfigurable antennas	Navneet Gupta	16 June 2015
9	**Nitin Chaturvedi**	2007PHXF401P	Techniques to improve the performance of cache memory for multi-core processors	S.Gurunarayanan	10 December 2015
10	**Parikshit Kishore Singh**	2007PHXF432P	Design and Implementation of intelligent control schemes for pH neutralization process	Surekha Bhanot	22 April 2016
11	**Srinivasa Reddy K.**	2007PHXF430P	High-Performance VLSI Architecture for Digital FIR Filter Design	S.K. Sahoo	26 April 2016
12	**G.Meenakshi Sundaram**	2007PHXF415P	MEMS Resonator based Bandpass Filter Design for Wireless Communication Transceiver	Kamaljit Rangra (CEERI)	17 June 2016
13	**Sneh Lata Murotiya**	2010PHXF026P	Low-Power High-Speed and Compact Ternary VLSI Circuit Designs using Carbon Nanotube Field-Effect Transistors	Anu Gupta	20 August 2016
14	**Jitendra Kumar**	2011PHXF415P	Design and Analysis of Dielectric Resonator Antenna (DRA) for Wideband Applications	Navneet Gupta	26 August 2016

15	Aishwarya Panday	2011PHXF001P	Development of State of Charge Estimation Method and Power optimization Strategies for Hybrid Electric Vehicles	Hari Om Bansal	24 September 2016
16	Prachi Sharma	2011PHXF408P	Study on Electronic Behaviour of Nanocrystalline Silicon Thin Film Transistors	Navneet Gupta	26 September 2016
17	Mahesh Angira	2008PHXF428P	Reconfigurable RF-MEMS Capacitive SPST and SPDT Switches for Wireless Communication Systems	Kamaljit Rangra (CEERI)	27 December 2016
18	Yogesh K. Bhateshvar	2011PHXF003P	Intelligent Control and Optimization for Power Frequency Balance in Multi-Generation System	HD Mathur	28 October 2016
19	A. Ananda Kumar	2007PHXF431P	Design and Development of Hybrid Controller for Z-source Inverter: An Application of Electric Vehicle	Dheerendra Singh	3 December 2016
20	Vineet Kumar	2008PHXF433P	Iris Localization in Iris Recognition System : Algorithms and Hardware Implementation	Abhijit Asati	10 March 2017
21	Vinita Tiwari	2009PHXF026P	Design and Performance Analysis of High-Speed Optical Communication Skills	V.K.Chaubey	10 July 2017
22	Swati Keshkar	2004PHXF021P	An Innovative Wearable Computing Framework for Early Detection of Cardiac Anomalies	Rahul Banerjee	11 September 2017
23	Satish Mohanty	2011PHXF418P	Vibro-Acoustic Health Monitoring of Bearings using Signal Processing Techniques	Karunesh Kumar Gupta	23 September 2017
24	Lucky Sharan	2009PHXF0041P	Study and Analysis of Spectrally Efficient Modulation Formats in High-Speed DWDM Optical Systems	V.K. Chaubey	24 October 2017
25	Ashish Misra	2009PHXF0038P	Framework for Translation of C/C++ Applications on Reconfigurable Computing Systems	K.S. Raju, and Abhijit Rameshwar Asati	16 November 2017
26	Priya Gupta	2011PHXF0416P	Design Exploration of Low Power Arithmetic and SRAM circuits using Subthreshold Design technique	Anu Gupta and Abhijit Asati	20 February 2018

27.	**Kavindra Kandpal**	2014PHXF0601P	Investigations on Electronic Behavior and Stability Issues of Zinc Oxide (ZnO) based Thin-Film Transistors (TFTs)	Navneet Gupta	3 November 2018
28.	**Mr. Gaurav Purohit**	2011PHXF0004P	An Energy-Efficient Reconfigurable Digital Baseband Architectures for Software Defined Radio	V.K. Chaubey,	29 June 2019
29.	**Mr. Abhishek Joshi**	2013PHXF0417P	Implementation of Performance Enhancement Techniques on a Probe Fed Hexagonal Planar Antenna	Rahul Singhal	27 August 2019
30.	**Mr. G. Sai Sesha Chalapathi**	2014PH400558P	Time Synchronization and Task-Assignment Algorithms for Specific Domains of the Internet of Things	S. Gurunarayanan	29 September 2019
31.	**Mr. Fani Mani**	2013PHXF0013P	Optimum Power Extraction Approaches of a Soiled PV Module Integrated with Soft Switched Converter	Rajneesh Kumar	2 November 2019
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34.	**Mr. Ashish Patel**	2015PHXF0601P	Development of Improved Power Angle Control Methods for Unified Power Quality Conditioner with distribution generation	H. D. Mathur	19 May 2020
35.	**Mr. Anuj Kumar Ojha**	2015PHXF0010P	Performance enhancement of cylindrical dielectric resonator antennas for low cross-polarization and high gain applications	Praveen Kumar A.V.	4 July 2020
36.	**Mr. Dhananjay Kumar**	2015PHXP009P	Design and development of intelligent control algorithms for frequency regulation in microgrid	H. D. Mathur	5 November 2020
37.	**Mr. Prashant Upadhyay**	2015PHXF017P	Design and development of a resonant converter topology to enhance the efficiency of wireless power transfer	Rajneesh Kumar	23 January 2021
38.	**Ms. Dave Heema Bharatkumar**	2015PHXF407P	Design and Analysis of High Performance Impedance Source Inverter(HP-ZSI) for Adjustable Speed Drive System	Dheerendra Singh	16 January 2021
39.	**Mr. Tejasvi Alladi**	2017PHXF0433P	Security provisioning for emerging applications in smart cities	Vinay Chamola	1 February 2021

40.	**Ms. Kanika Monga**	2017PHXF0027P	Energy Efficient Circuit Design for Energy Autonomous IoT Systems using Emerging Non-Volatile Memory	Nitin Chaturvedi	27 September 2021
41.	**Mr. Harshavardhan S**	2016PHXF203P	Computational model predictions of vowel level, age and hearing loss on concurrent vowel identification	Anantha Krishna Chintanpalli	20 January 2022
42.	**Mr. Babu Raviteja**	2016PHXF201P	Study on Matetrial Issues and Electronic Behavior of Organic Thin Film Transistor (O-TFT)	Navneet Gupta	14 September 2021
43.	**Mr. Rahul Sharma**	2016PHXF006P	Design and Analysis of Energy Efficient Relay Selection Protocols for Cooperative and Cognitive Radio Communication Systems	Sainath B.	29 November 2021
44.	**Mr. Prateek Sikka**	2017PHXP0501P	Methodologies for Area, Speed and Power Optimizations in High-Level Synthesis for Generic Applications	Abhijit Asati, Chandra Shekhar (co)	2 December 2021
45.	**Mr. Krishna Veer Singh**	2016PHXF005P	Energy Efficiency Improvement in Plug-in/Solar Hybrid Electric Vehicle using Ultra-capacitors	Hari Om Bansal, Dheerendra Singh (co)	28 January 2022
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50.	**Mr. Ritish Kumar**	2016PHXF0007P	Design and Development of a Directional Ultra Wideband Slot Antenna	Praveen Kumar A.V	Pending
51.	**Mr. Srinath K**	2013PHXF0105P	Development of Intelligent Pattern Recognition Algorithms for Assessment of Quality of Edible Oils	Surekha Bhanot Dr. Panchariya	July 2022
52.	**Mr. Praveen Kumar Sharma**	2016PHXF0502P	Design, Characterization and Analysis of Polydimethylsiloxane (PDMS) Based Flexible Antenna	Navneet Gupta	September 2022

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57.	**Mr. Himanshu Purohit**	2015PHXF0502P	Person Authentication based on Multimodal Biometric Systems	Pawan Ajmera	Pending