

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

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

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

27.	<b>Kavindra Kandpal</b>	2014PHXF0601P	Investigations on Electronic Behavior and Stability Issues of Zinc Oxide (ZnO) based Thin-Film Transistors (TFTs)	Navneet Gupta	3 November 2018
28.	<b>Mr. Gaurav Purohit</b>	2011PHXF0004P	An Energy-Efficient Reconfigurable Digital Baseband Architectures for Software Defined Radio	V.K. Chaubey,	29 June 2019
29.	<b>Mr. Abhishek Joshi</b>	2013PHXF0417P	Implementation of Performance Enhancement Techniques on a Probe Fed Hexagonal Planar Antenna	Rahul Singhal	27 August 2019
30.	<b>Mr. G. Sai Sessa Chalapathi</b>	2014PH400558P	Time Synchronization and Task-Assignment Algorithms for Specific Domains of the Internet of Things	S. Gurunarayanan	29 September 2019
31.	<b>Mr. Fani Mani</b>	2013PHXF0013P	Optimum Power Extraction Approaches of a Soiled PV Module Integrated with Soft Switched Converter	Rajneesh Kumar	2 November 2019
32.	<b>Mr. Ravinder Kumar</b>	2014PHXF0412P	Investigations on Renewable Energy Integrated Shunt Active Power Filter for Power Quality Improvement	Hari Om Bansal	7 November 2019
33.	<b>Mr. Prateek Bindra</b>	2016PHXF0409P	Selective Sensing of Volatile Organic Compounds using One Dimensional Titanium Dioxide Nanostructures	Arnab Hazra	28 April 2020
34.	<b>Mr. Ashish Patel</b>	2015PHXF0601P	Development of Improved Power Angle Control Methods for Unified Power Quality Conditioner with distribution generation	H. D. Mathur	19 May 2020
35.	<b>Mr. Anuj Kumar Ojha</b>	2015PHXF0010P	Performance enhancement of cylindrical dielectric resonator antennas for low cross-polarization and high gain applications	Praveen Kumar A.V.	4 July 2020