

M.E. Electronics and Telecommunication Project Details

Sr. No.	Batch	Name of Student	Title of Project	Name of Guide
1	2013-2015	Khan Zarrarahmed Zaferullah	Control of Collimator for conformal Radiation therapy	Dr. B. K. Mishra
2		Pandya Jalpaben Dalpatrai	Performance Estimation of Charge Pump Circuit In PPL	Dr. B. K. Mishra
3		Jain Preetam Babulal	Charecterization of an Optical Sensor for A Communication Link	Dr. B. K. Mishra
4		Jaiswal Shilpa Vinod	A Rule Based Approach To Image Retrieval/ Wavelet based Image Compression	Dr. R. R. Sedamkar
5		Mohd Fahad Mohd Jameel Sayed	Collision Detection and Avoidance/ Anti collision system for radiography/radio therapy	Dr. R. R. Sedamkar
6		Sayed Afreenzehra Ahmed	Effect of Multiple Access Interference on OCDMA/ Implementation of Secured Optical Network	Dr. Lochan Jolly
7		Bhandari Samita Kiran	Helical Loaded Hexagonal Cavity Back Antenna For Frequency Reconfiguration	Dr. Vinitkumar Dongre
8		Bokade Urvashi Vijay	Helical Loaded Cavity Backed Antenna Using Triangular Cavity	Dr. Vinitkumar Dongre
9		Keni Anuja Prabhakar	Conformal Helical Loaded Pentagonal Cavity Backedd Antenna	Dr. Vinitkumar Dongre
10		Thakur Bhushana Ganpat	FPGA Based PID Controller	Sujata Kulkarni
11		Mishra Kshama Deenanath	Simulation of Analog Circuit in MATLAB Enviornment / Performance Optimization of Power Converter For Energy Harvesting System	Dr.Sandhaya Save
12		Karande Geeta Hemant	A QOSTBC based 8*8 MIMO-OFDM system design for reduction of PAPR using SLM technique and higher order modulation	Dr.Rajesh Bansode
13		Patil Devashree Subhash	Fast Fading Channel Estimation Based 8*8 MIMO-OFDM with PAPR Reduction using PTS for capacity improvement	Dr.Rajesh Bansode
14		Mayekar Miheer Pradeep	Modelling LF lightning signal propogation / Development of LF lightning receiver for weather	Dr. Bijith M.

M.E. Electronics and Telecommunication Project Details

			monitoring Application	
15		Sawant Kaveri Dattatray	Energy Efficiency and Maximization of Network Lifetime in Wireless Sensor Network	Sanjeev Ghosh
16	2013-2015	Hatekar Amit Shrikant	Development of ARM Processors for signal Processing In Embedded system / Implementation H.264 Algorithm on Embedde Processor for Low Bit Rate Video	Poorva Waingankar
17	2014-2016	Kamble Shraddha	Performance Enhancement of Intrusion Detection Systems for MANETs	Dr. B. K. Mishra
18		Gawde Veena	Matched Filter based Spectrum Sensing and Spectrum Assignment using Genetic Algorithm for Cognitive radio	Dr. B. K. Mishra
19		Maharaja Namrata	Performance Evaluation of MIMO-OFDM System using MMSE Detection	Dr. B. K. Mishra
20		Anushkumar Mehala	Feature based Multi Biometric	Dr. R. R. Sedamkar
21		Reddy Vimala	Simulation And Performance Analysis Of Wavelength Multiplexed Radio Over Fiber Systems	Dr. Lochan Jolly
22		Chakor Ankita	Modeling And Simulation Of Wavelength Routed Optical Networks	Dr. Lochan Jolly
23		Tiwari Raghupati	Wavelength-Based ECG Steganography for Protecting Patient Confidential Information in Point-of-Care Systems	Dr. Bijit M.
24		Bambere Priyanka	Asynchronous Duty Cycle Broadcast Protocol For Wireless Sensor Networks	Sanjeev Ghosh
25		Mishra Sujeetkumar	Soft Biometric Authentication System	Dr. Bijit M.

M.E. Electronics and Telecommunication Project Details

26		Jadhav Kranti	Implementation of Reconfigurable Processor for Roller Defect Detection	Dr.Sandhya Save
27		Khatri Sunil	A Robust Switching Median Filtering Technique For Impulse Noise Removal From Digital Images	Hemant Kasturiwale
28		Doshi Ronik	Video Decoding for Mobile Application	Poorva Waingankar
29	2015-2017	Manishadevi Mishra	Performance Evaluation of PAPR Analysis and Mitigation Algorithm for Confined Beam-Forming MIMO-OFDM System.	Dr. B. K. Mishra
30		Neha Shirke	Performance analysis of adaptive channel estimation with different modulation techniques in MIMO-OFDM system.	Dr. B. K. Mishra
31		Annu Liza	Design and Implementation of a Kalman Filter based Range Estimator	Dr. R. R. Sedamkar
32		Rahul Gopi	Optimization of transport network of RJIL.	Dr. Lochan Jolly
33		Parita Mehta	A self aligned gate HEMT structure for All optical logic operations	Dr. Lochan Jolly
34		Abhishek Gupta	Compact multiband Microstrip antenna	Dr. Vinitkumar Dongre
35		Supriya Dicholkar	Availability Improvement of Microwave link with Bit Error Rate Reduction Technique	Dr. Vinitkumar Dongre
36		Manjiri Peethala	Integrated biometric authentication system.	Dr.Sujata Kulkarni
37		Darshan Kale	Integration fusion levels for Biometric Authentication	Dr.Sujata Kulkarni
38		Priya Singh	Visual content based video retrieval	Mr.Sanjeev Ghosh
39		Sneha Rodrigues	Content based music retrieval	Mr.Sanjeev Ghosh
40		Anilkumar Yadav	Design of 2D model of SOI MESFET for RF amplifier	Dr.Sandhya Save
41	Deepak Sinha	Performance Enhancement For SoC	Dr.Sandhya Save	

M.E. Electronics and Telecommunication Project Details

			using MEMS Technology	
42		Riddhi Parekh	Detection of Chronic Heart Failure using short term HRV measures	Mr.Hemant Kasturiwale
43		Sunil Nair	A noval method for assessment of cardiovascular variability using HRV indices	Mr.Hemant Kasturiwale
44		Shruti Kshirsagar	Determination Of Acoustic parameters of Marathi prosody	Dr. Bijith M.
45		Sagar Kakde	Performance Evaluation of 802.11g Architecture using security policy based on index based method	Dr.Rajesh Bansode

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1	2017-19	Ms.Aarti Dharmani	Performance Evaluation of ASR for Isolated words in Sindhi Language	Mr.Sanjeev Ghosh
2		Ms.Mehek Gangarde	Atmospheric Data: Analysis and Data Visualization.	Mr.Sanjeev Ghosh
3		Ms.Akshaya Gharat	Design of Quadrifilar Helical Antenna at 403MHz for Radiosonde	Dr.Vinit kumar Dongre
4		Ms.Riddhi Mahtre	Design of Dual Band Microstrip Patch Antenna for NavIC Receiver	Dr.Lochan Jolly
5		Ms.Rutuja Naik	Video steganography using texture and colour feature analysis	Dr. Payel Saha
6		Mr.Tushar Prabhu	Implementation of Balloon Network using Li-Fi for long range communication.	Dr. Lochan Jolly
7		Mr.Gulshan Sawanat	Automated Tourist Guide System using Beacon Technology	Dr. Vinitkumar Dongre

M.E. Electronics and Telecommunication Project Details

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1	2018-2020	Gehlot Taruna	To improve Energy consumption in GWSN (Green Wireless Sensor Network) using Genetic Algorithm.	Mr.Sanjeev Ghosh
2		Singh Prince	Not reported	Dr. Payel Saha
3		Thakur Kavita	Hybrid Indoor Positing System Based on Wi-Fi Hotspot	Dr.Vinit kumar Dongre
4		Vartak Chunouti	Addiction detection based on EEG signal	Dr. Lochan Jolly

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1	2019-2021	Saher Ansari	Design of RF-ID Antenna for Inventory Management System	Dr.Vinit kumar Dongre
2		Gaurang Pandit	Fake website detection using machine learning	Dr. Lochan Jolly