

Ongoing Ph.D Student's List

Sr. No	Roll No	Name	Category	Research Area/ Thesis Title	Supervisor's Name
1	D14EC004	Pradhan Dipika Nabakishore	PEC		Dr. A. S. Mandloi
2	D14EC006	Sakhare Swati Vinodkumar	PEC	Reduction of Computational Complexity using PSO and DTCWT in HEVC Intra Prediction with Better PSNR	Dr. (Mrs).U. D. Dalal
3	D14EC007	Pathak Ketki Chintankumar	PEC		Dr. J. N. SarvaiyaDr A.D.Darji
4	D14EC011	Adhvaryu Meghayu Atulkumar	PEC	Design and Fabrication of Prototype Sensors for Monitoring Crack Patterns, Rebar Corrosion and Vibration in Civil St	Dr. P. N. Patel
5	DS14EC007	Pradeep Tiwari	PEC		Dr. A. D. Darji
6	DS14EC004	Shailesh Gheewala	PEC		Dr. P. N. PatelDr R.N Dhavse
7	D15EC003	Rotake Dinesh	ESDM		Dr. A. D. Darji
8	D15EC005	Dhuda Hirenkumar	ESDM		Dr. P. N. Patel
9	DS15EC003	Hetal Pathak	PEC		Dr. S. N. Shah
10	D16EC002	Vishal Chudasama	FIR	Compact Progressive Approaches for Single Image Super-Resolution using Generative Adversarial Network	Dr. Kishor P. Upla
11	D16EC003	Sruthi S.	FIR	Multifrequency Bio-impedance Measurement for Wound Assessment	Dr. R. N. Dhavse Dr. J. N. Sarvaiya
12	D16EC005	Shah Raj	FIR	Design and Simulation of Single Electron Transistor for Ultra-Low Power Hybrid SETMOS Logic at Room Temperature	Dr. R. N. Dhavse
13	D16EC007	Gireesh Gaurav Soni	PEC		Dr. A. S. Mandloi Dr. Shilpi Gupta
14	D16EC008	Chhaya P. Mehta	PEC		Dr. Shilpi Gupta Dr. A. S. Mandloi
15	DS16EC001	Solanki Mitesh S.	FSF-PEC	Low Complexity Detection Algorithms for Large MIMO System: Design Algorithm	Dr. S. Gupta
16	DS16EC002	Gandhi Divyangna N.	PEC	EDFA gain flattening optimization with Long Period Fiber Gratings in WDM system and performance analysis of Er-Yb co-doped fiber amplifier	Dr. S. Gupta
17	DS16EC003	Naveen Kumar Kabra	FIR	RNS Processor with Flexible Data Path	Dr. Z. M. Patel
18	DS16EC004	Varun Srivastava	FIR	Analysis of wavelength diversity based free-space optical links in Gamma-Gamma turbulent regime	Dr. A. S. Mandloi
19	D17EC002	Abhishek Tripathi	FIR	Investigation of Converged RoFSO and FSO-FTTH Link under Weather Conditions	Dr. Shilpi Gupta Dr. A. S. Mandloi
20	D17EC003	Patel Heena	FIR	Object Detection with Segmentation: Application to night vision Surveillance	Dr. K. P. Upla
21	D17EC004	Prajapati Priyank	FIR	Real-time Artifact Cancellation of Physiological Signal Acquired using Wearable Biomedical Devices	Dr. A. D. Darji
22	D17EC005	Dhiraj Kumar Patel	FIR	Data Reliability enhancement using RS coded single-channel DP-16-QAM based FSO system under atmospheric turbulence	Dr. A. S. Mandloi
23	D17EC006	Patel Mehlkumar Chhibabhai	PIS		Dr. A. S. Mandloi
24	D17EC007	Patel Virendra	FIR	Precise Point Positioning for NavIC	Dr. S. N. Shah
25	D17EC008	Shinde Kalindi	PEC	Design and Fabrication of Planar Microwave Sensor and Food Industry	Dr. S. N. Shah Dr. P. N. Patel
26	D17EC009	Anjankar Shubham	PEC		Dr. R. N. Dhavse
27	D17EC010	Umaria Krupali	PEC		Dr. S. N. Shah
28	D17EC011	Prajapati Harshal Kanaiyalal	PEC		Dr. Z. M. Patel
29	DS17EC001	Patel Bhoomika	PEC		Dr. U. D. Dalal Dr. S. Gupta
30	DS17EC002	Sudhanshu	FIR	Design of Programmable Digital Low Pass Filter for Portable Biomedical Signal Acquisition	Dr. R. N. Dhavse
31	DS17EC004	Anju Mahesh Gupta	PEC		Dr. A. D. Darji
32	D18EC001	Ramya R.	FIR	Proximity fed Sector sshaped Circularly Polarized fractal DGS Antenna	Dr. Shilpi Gupta

33	D18EC002	Sagar Pareshkumar Ramanbhai	FIR	Metamaterial Integrated Rectangular Waveguide with EM-Wave Localization for Dielectric & Moisture Estimation of Soil	Dr. Piyush Patel
34	D18EC003	Tandel Kunjal Ishwarbhai	PEC		Dr. U. D. Dalal
35	D18EC004	Shah Arpan Hasmukh	FIR	E-Textile slot Antenna with Spurious Mode suppression and Low SAR for Medical Wearable Applications	Dr. Piyush Patel
36	DS18EC001	Kalpeshbhai Prajapati	PPF	Single Image Super-Resolution using GAN	Dr. K. P. Upla
37	D19EC002	JOSHI HARDIK	PEC	Performance Analysis of FSO and Hybrid RF-FSO Communication Link	Dr. S. Gupta
38	D19EC003	BARRETO FABIAN TOMMY	PEC	Deep Learning for Face Recognition	Dr. J. N. Sarvaiya
39	D19EC004	SINGH GAJRAJ	PEC	Deep Learning based Segmentation for Diagnosis of 2D Echocardiography	Dr. A. D. Darji Dr. J. N. Sarvaiya
40	D19EC005	MITUL NAGAR	FIR		Dr. P. J. Engineer
41	DS19EC001	PRAJAKTA SHAH	PEC		Dr. Z. M. Patel
42	DS19EC002	RAJAT PALIWAL	PEC		Dr. P. N. Patel
43	D20EC001	SOURABH PANWAR	FIR		Dr. Abhishek acharya
44	D20EC003	ANKIT CHOUHAN	FIR		Dr. Kamal Captain
45	D20EC005	SHEETAL TANNA	FIR		Dr. S. N. Shah
46	D20EC006	DEERGHAA AGARWAL	FIR		Dr. Z. M. Patel Dr. K. Inamdar
47	D20EC007	PANKAJ WARULE	FIR		Dr. Suman Deb
48	D20EC008	SMITA DAWARE	PEC		Dr. P. J. Engineer Dr. S. N. Shah
49	D20EC009	SHOBHIT SRIVASTAVA	FIR		Dr. Abhishek acharya
50	D20EC010	VASUNDHARA	FIR	Study of Non Linear effects in Optical Fiber and its Applications	Dr. A. S. Mandloi
51	D20EC011	GOLAK SANTRA	PIS	Zeroth Order Antenna	Dr. P. N. Patel
52	D20EC012	SWATI	FIR		Dr. P. J. Engineer
53	D20EC013	SWATI SINGH GOYAL	PEC	Design of Hollow Core Optical Fiber-Cable for Next Generation	Dr. A. S. Mandloi