Completed Ph.D Students List(updated upto March-2021)

Sr. No	Roll No	Name	Category	Research Area/ Thesis Title	Viva-Voce Ph. D Date	Supervisor's Name	Examiner's Name
1	D06EC601	Mrs. Upena. D. Dala	PIS	Design and Analysis of New Selectively Imposed Pilot and channel Estimation Techniques with outage analysis for OFDM System over Time Varying Channel for Frame Based Access in Mobility	28/11/2009	Dr. Y. P. Kosta	Dr. K. D. Kaulat, Professor, VNIT, Nagpur
2	DS08EC607	Maulin K. Joshi	PEC	Neuro Fuzzy Based Autonomous Robot Navigation	16/08/2012	Dr. M. A. Zaveri	
3	DS08EC606	Chirag Paunwala	PEC	A Cognitive Feature Fusion Approach for License Plate Localization	18/12/2012	Dr. S. Patnaik	Dr. Banshidhar Majhi, Professor, DCSE, NIT, Rourlkela, Orissa
4	D08EC601	Mr. Jignesh N. Sarvaiya	PEC	Efficient Features Extraction Techniques for Image Registration	12/01/2013	Dr. S. Patnaik	Dr. Manjunath Joshi, Professor, DAIICT, Gandhinagar
5	D09EC601	Rakeshkumar Jha	FIR	WiMax Infrastructure Modeling using OPNET Modeler with LBRRA Scheme Optimization, Attack Modeling and Security Analysis with Proposed Solution	23/08/2013	Dr. U. D. Dalal	Dr. Y. P. Kosta, Director-TC, MEFGI, Rajkot
6	DS09EC906	Mr. Piyush N. Patel	PIS	Nano Scale Porous Silicon Photonic Bandage Sensors Devices	03/01/2014	Dr. V. Mishra	Dr. Rajiv Tripathi, Professor, DE&C, MNIT, Allahabad
7	D08EC602	Mita Paunwala	PEC	Biometric Template Protection and Fusion Strategy	13/05/2014	Dr. S. Patnaik	Dr. Sudipta Mukhopadhayay(IIT Kanpur)
8	D09EC 602	Vishal Wankhede	PEC	Optimized Recourse Allocation for Physical Layer of Mobile WIMAX Network Applied in Scheduling of Scalable Video Multicast	11/07/2014	Dr. (Mrs).U. D. Dalal	Dr. Abhay Gandhi, Professor, DE&C, VNIT, Nagpur
9	DS08EC603	Hiren Mewada	PEC	Active Contour Formulation for Constrained Image Segmentation	19/12/2014	Dr. S. Patnaik	
10	DS10EC602	Nirmal Jagannath	PEC	Novel Feature Extraction And Mapping Function For Voice Conversion	22/06/2015	Dr. S. PatnaikDr. M. A. Zaveri	Dr. S. R. Mahadeva Prasanna, Professor, DEEE, IIT, Guwahati
11	DS09EC903	Mrs. Shilpi Gupta	PIS	Performance Analysis of Novel Robust Non-Conventional Combinations of Mapping and Transform Techniques at Modulation Stage of OFDM System over Multi path Fading Channel	26/06/2015	Dr. (Mrs).U. D. Dalal	Dr. Rajoo Pandey, Professor,DE&C, NIT, Kurukshetra
12	DS08EC604	Mrs. Kirti K. Inamdar	PIS	Study & Design of Standard Geometric Structures with Overlapped Displacements to Realize Materials with Properties Suitable to Evolve Radiating Structures in Micro stripe Configuration	29/06/2015	Dr. S. PatnaikDr. Y. P. Kosta	Dr. Sardindu Ghosh, Professor, EED, NIT, Durgapur
13	DS09EC901	Mrs. S. N. Shah	PIS	A Novel Modified Hierarchical Modulation For Video Streaming in DVB-H Under Channel Impairments	09/07/2015	Dr. (Mrs).U. D. Dalal	Dr. Aditya Trivedi, Professor, ABV IIITM, Gwalior
14	DS09EC902	Amit Joshi	PIS	VLSI Implementation of Video Watermarking Based on H.264 Coding Standard	27/07/2015	Dr. U. D. DalalDr. J. N. Sarvaiya	Dr. Suman David, Professor, DE&S, NITK, Suratkal
15	D10EC603	Ashwini Deshpande	PEC	Single Image Deblurring:- Novel PSF Estimation and Restoration Techniques	10/07/2015	Dr. S. Patnaik	Dr. Samarendra Dandapat, Professor, DEEE, IIT, Guwahati

16	DS08EC605	Ms. Jigisha N Patel	PIS	Multi Attributed Dictionaries and Error Protection for Image & Video Transmission	10/07/2015	Dr. S. Patnaik	Dr. Dipti Patra, Asso, Professor, EED, NIT, Rourkela, Orissa
17	D10EC601	Sunil Morade	PEC	Analysis of Visual Lip Features for Digit Reading	06/01/2016	Dr. S. Patnaik	Dr. Kishor M. Bhurchandi, Professor, VNIT, Nagpur
18	DS09EC904	Mr. Abhilash Mandloi	PIS	Segmentation Based Channel Scheduling Algorithms for Improving Channel Utilization in OBS Networks	26/04/2016	Dr. (Mrs).U. D. Dalal	Dr. Rajiv Tripathi, Professor, DE&C, MNIT, Allahabad
19	D10EC602	Jay Joshi	PEC	Development and Analysis of Selective Encryption Algorithm for Sensitive Video Application	12/04/2016	Dr. (Mrs).U. D. Dalal	Dr. U. Sripati Acharya, Professor, DE&C, NIT, Suratkal
20	D10EC607	Mrs. Rasika Dhavse	PIS	Performance Evaluation of Flash Gate Stacks Employing Ultra-thin Tunnel Oxide and Silicon Nano Crystals	27/05/2016	Dr. A. D. DarjiDr. R. M. Patrikar	Dr. Nitin Kale, Professor, IIT Bombay
21	DS10EC601	Mrs. Krupa Jariwala	PIS	A Robust Eye Gaze Based Task Selection with Moderate Targets for Real Time Vision Interface Using Low Grade Video Camera	14/07/2016	Dr. (Mrs).U. D. Dalal	Dr. Subhasis Bhattacharjee, R & D Engineer, Synopsys India, Banglor
22	D10EC606	Mr. Zuber Patel	PIS	Novel DWLC-FQ and BAFPQ Algorithms for Scheduling in WiMAX, enhancing Interclustering with LL-WRR and RED-AT	12/12/2016	Dr. (Mrs).U. D. Dalal	Dr K D KulatProfessor, EC Department,NIT Nagpur
23	DS11EC003	Surabhi Dwivedi	FIR	Design and Development of Metamaterial-Based Radone Structures for Space-Borne Communications	18/12/2016	Dr. J. N. Sarvaiya	Dr. Alok VermaProfessor, Scientst/Project Manager, IIT Bombay
24	D11EC002	Bhale Vishakha	FIR	A 0.18 µm CMOS 3-5 GHz IR-Ultra-Wide-band Transceiver Design	24/12/2016	Dr. (Mrs).U. D. DalalDr. R. M. Patrikar	Dr. D. Boolchandani,Professor, Department of Electronics & Communication EngineeringMNIT, Jaipur
25	D10EC610	Khyati Zalawadia	PEC	Design and Testing of Prototype Calibration Unit of Receiving End 2-Beam Digital Beamformerfor future ISRO Satellite/Onboard System	28/04/2017	Dr. (Mrs).U. D. Dalal	Dr. Amalendu PatnaikAssociate Professor,Department of Electronics and Communication Engg.,India Institute of Technology Roorkee, Uttarakhand
26	D10EC608	Twinkle Doshi	PEC	Novel DS-UWB Rake Receivers over different UWB Channels	01/05/2017	Dr. (Mrs).U. D. Dalal	Dr. Nithin V. George,Assistant Professor,Electrical Engineering,India Institute of Technology Gandhinagar,Palaj, Gandhinagar – 382 355, Gujarat
27	D11EC003	Nehal Shah	PEC	Hardware Efficient Block Matching Algorithm and Architecture Implementation for Fast Motion Estimation	06/10/2017	Dr. (Mrs).U. D. Dalal	Dr. Kailash Chandra Ray, Assistant Professor, Department of Electrical Engineering, Indian Institute of Technology Patna, Amahara Road, Bihta,Patna – 801 103, Bihar
28	D13EC002	Hemant Goklani	PEC	Image Super-resolution using Multi Coupled Dictionary Learning	20/07/2018	Dr. J. N. Sarvaiya	Dr. K. M. Bhurchandi,Professor,Department of Electronics & Communication Engineering, Visvesvaraya National Institute of Technology, Nagpur
29	D12EC001	Idris Bholebawa	FIR	Software Defined Networking: Architectures and Performance Analysis of Openflow Network Configurations	19/12/2018	Dr. (Mrs).U. D. Dalal	Dr. Noor Mohammad Sk,Asst. Professor,Department of Electronics

							Engineering,Indian Institute of Information Technology Design & Manufacturing (IIITD&M) Kancheepuram,Melakottaiyur Village, Off Vandalur – Kelambakkam Road,Nellikuppam, Chennai, Tamil Nadu – 600127India
30	D14EC003	Patel Dhananjay Manohar	ESDM	Mitigating Transmitter Non-Linearity and Fiber Impairments in Radio over Fiber Technology in Passive Optical Networks	10/12/2018	Dr. (Mrs).U. D. Dalal	Dr. Jitendra Kumar,Associate Professor,Department of Electronics Engineering,Indian Institute of Technology(Indian School of Mines), Dhanbad,Dhanbad, Jharkhand – 826 004India
31	D14EC008	Yadav Rahul Sureshchandra	FIR	Modeling Fabrication, and Testing of Electromagnetic Bandgap-Inspired Microwave Devices for Sensor Applications	29/10/2018	Dr. P. N. Patel	Dr. Alok Verma,Sr. Scientist/Project Manager,SAMEER (R&D of Govt. of India),Indian Institute of Technology Bombay,Powai, Mumbai, Maharashtra – 4000 076,India
32	DS14EC001	Ratnesh Kumari	FSF	Sensor Device	24/07/2019	Dr. P. N. Patel	Dr. R. P. Yadav,Professor, Department of Electronics and Communication Engineering, Malaviya National Institte of Technology, Jaipur
33	D12EC002	Rasila Hirani	PEC	Design, Optimization and Fabrication of Leaky Mode Plasma Antenna for Wideband Application at 2.45 GHz	15/09/2019	Dr. Shweta Shah	Dr. V. Subramanian,Professor,Microwave Laboratory,Department of Physics,Indian Institute of Technology Madras,Chennai, Tamil Nadu – 600 036
34	DS14EC003	Darshna Jagiwala	FIR	Collateral Advanced Processing for Interface Perception and Reduction (IPR) in NavIC Receiver	08/04/2020	Dr. S. N. Shah	Dr. R. P. Yadav,Professor,Department of Electronics and Communication Engineering,MNIT, Jaipur
35	DS15EC002	Pooja M. Bhamre	FIR	ANALYTICAL MIDELING OF TRANSMIT-RECEIVED BEAMFORMING USING POLYPHASE CODED WAVEFORMS FOR INTERFACE MITIGATION IN MIMO RADAR	22/06/2020	Dr. S. Gupta	Dr. Rajib Kumar PanigrahiAssociate Professor, Department of Electronics and Telecommunication Engineering, IIT, Roorkee, Uttarakhand
36	D14EC002	Singh Vinaykumar Vijay	ESDM	Combating LED Nonlinearity by PAPR Reduction of OFDM in Visible Light Communication Systems for High Speed Indoor Applications	22/06/2020	Dr. (Mrs).U. D. Dalal	Dr. Jitendra Singh
37	D14EC001	Pathak Jay Rajendraprasad	FIR	Assessment of Sub-14 nm technology node In0.53Ga0.47As nFinFET for High Speed Applications	24/06/2020	Dr. A. D. Darji	Dr. S. Dasgupta, Professor, Department of Electronics and Telecommunication Engineering, IIT, Roorkee, Uttarakhand
38	D15EC001	Desai Mehulkumar V.	PEC	Development and Analysis of Ionosperic Correction Model for Position Estimation with NavIC Receiver	22/08/2020	Dr. S. N. Shah	Dr. Hari B. Hablani,Adjunct Faculty,Department of Astronomy,

							Astrophysics and Space Engineering,Indian Institute of Technology Indore,Indore, Madhya Pradesh – 453 552,India
39	D14EC005	Prashant K. Shah	PIS(ESDM)	Two Dimensional Periodically Shift Variant Systems in Stability Context	25/01/2021	Dr. Upena. D. Dalal, Dr. S. N. Sharma	Dr. V. S. Tripathi,Professor,Department of Electronics & Communication Engineering,MNNIT Allahabad
40	D10EC604	Sunita Ugale	PEC	Design, Formation and Characterization of optical fiber gratings with applications		Dr. V. Mishra	
41	D10EC609	Shubhangi Mahamuni	PEC	Spectrum Handoff Delay Minimization in Cognitive Radio Network		Dr. (Mrs).U. D. Dalal	Under review