



PhD students

A] Pass out students

Sr No	Name of PhD Student	Name of Guide	Topic	Admission	Completion
1	Smt P P Gumaste	Dr V K Bairagi	Development of brain tumor detection algorithm based on MRI Images	2/05/2017	31/03/2021
2	Smt S K Habbu	Dr M P Dale	Development of non-invasive techniques for Blood Glucose estimation using Photoplethysmography	28/04/2017	19/03/2021
3	Mrs. Kanwade A B	Dr V K Bairagi	Design and development of non-invasive EMG analysis technique for various grades of COPD	15/3/2016	28/7/2020
4	Mrs. Harpale V K	Dr V K Bairagi	Brain seizure prediction using EEG signals	14/3/2016	16/12/2019
5	Mrs A Y Dikshit	Dr D S Bormane	ECG segmentation and classification for arrhythmia detection using rough set theory	6/4/2017	14/07/2020
6	Smt A Amlapure	Dr M P Dale	Cardiac event detection and pattern classification using neuro-fuzzy approach	08/07/17	27/01/2020
7	Mr Altaf O Mulani	Dr P B Mane	Area optimization of invisible digital image watermarking on reconfigurable platform	17/07/2017	10/06/2019
8	Mrs Belsre M H	Dr P B Mane	Performance analysis of space time block coded multiple output _MIMO system in different channels	11/07/2017	9/11/2019
9	Mr Balasaheb Patil	Dr P M Patil	Image Inpainting based image mapping and object removal	8/08/2017	25/11/2020



B] Pursuing Students

Sr No	Name of PhD Students	Name of Guide	Topic	Admission
1	Mr. Shirsat T G	Dr V K Bairagi	Ultramicroscopic imaging analysis for quality assurance of Metal alloys by quantifying particle scope	28/6/2016
2	Mr. Shinde K D	Dr P B Mane	Development of novel algorithm for smart inverter for high penetration of roof top solar energy in power utility secondary distribution network for next generation grid	15/3/2016
3	Mrs. Pawar Shobha N	Dr P B Mane	Ultra low phase noise PLL frequency synthesizer for Ku band.	26/08/2016
4	Mr. Joshi Sarang L	Dr V K Bairagi	Prosody conversion for Marathi language	04/05/2017
5	Mr. Elgandelwar Sachin	Dr V K Bairagi	Analysis of EEG signals for early diagnosis of Alzheimer disease.	26/08/2016
6	Mr A S Shirsat	Dr D M Yadav	Throughput improvement of Bluetooth in heterogeneous wireless network	6/03/2017
7	Mrs S K Malave	Dr D M Yadav	Design and Development of modulation techniques to achieve high data rate & spectral efficiency	6/03/2017
8	Mrs N G Ganvir	Dr D M Yadav	Early stage detection of clustered micro calcification in mammograms	6/03/2017
9	Mrs P Deshmane	Dr D M Yadav	Machine learning based Alzheimer Disease detection	6/03/2017
10	Mrs S R Wadar	Dr D S Bormane	Hardware accelerators in RISC for multimedia applications	6/04/2017
11	Mrs V V Deshmukh	Dr S S Chorage	Investigation of microwave sensor for non-invasive determination blood glucose concentration	2/05/2017
12	Mr Pawar Sugat Ramrao	Dr V M Wadhai	Advanced Machine Learning approach for Classification and Prognosis of Gastric Cancer	6/3/2018
13	Ms Patil Apurva	Dr P M patil	Electronics Nose For Predicting Natural Ripening	27/11/2018



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14	Mr Patil Milind Sahebrao	Dr P B Mane	Blind Image Quality Assessment for Multi Spectral/Modal Fused Images	5/3/2018
15	Mr Gajare Milind Pralhad	Dr D K Shedge	Performance analysis and enhancement of CMOS based current feedback amplifier for bioelectric signals	5/3/2018
16	Mr Itole Devendra Anant	Dr P M Patil	Relevance of Heterogeneous sketch-face photo recognition in forensic science laboratories	5/3/2018
17	Mr Sonawane Amol Dattatray	Dr D S Bormane	4G based SAR analysis for anatomically based human head.	7/3/2018
18	Mr Kamble Sourabh Sunil	Dr P B Mane	Application and validation of GPM Dual-frequency Precipitation Radar with the ground based measurements over the Orographic region of Indian sub-continent	7/3/2018
19	Ms Tondewad Priyanka Sheshrao	Dr M P Dale	Effective Multi-sensor Remote Sensing Image Enhancement Using Transform Based Fusion Approach	27/11/2018
20	Ms Deshmukh Vinaya Yogesh	Dr S S Chorage	Parametric analysis of Multifunctional Reconfigurable Antenna array for Future Wireless Communication	7/3/2018
21	Ms Kakkeri Roopa Basawaraj	Dr D S Bormane	Detection of Temporomandibular joint Disorder using surface electromyography of masticatory muscles	6/3/2018
22	Ms Nandanwar Pratiksha Dilip	Dr V M Wadhai	Design & Implementation of Intelligent Integrated System For Detection & Analysis of Cervical Cancer Stages With Deep Learning Approach	6/3/2018
23	Mr Bhilegaonkar Sanjay Mukundrao	Dr P B Mane	Performance Evaluation of Compact High Efficiency Circularly Polarized Cavity Backed Substrate Integrated Wave guide Mono pulse Tracking Antenna	7/3/2018



24	Mr Trikolikar Anand Anilrao	Dr S L Lahudkar	Investigation & Optimization for compactness of multiband Rectenna for Ambient RF Energy Harvesting	27/11/2018
25	Ms Kamble Vaishali Hanumant	Dr M P Dale	Multimodal Biometric Recognition using Transform based Features for Infants and Toddlers	27/11/2018
26	Mr Tayade Vinod Pralhad	Dr S L Lahudkar	Design of Graphene based field effect transistor for variability immune low power applications.	6/3/2018
27	Ms Harale Aparna Madhavrao	Dr V K Bairagi	Automatic computer aided detection (CAD) system of lung cancer pulmonary nodule from CT images	6/3/2018
28	Ms Deo Sunita Ramchandra	Dr S S Chorage	Acceleration of MCMC Method Using Reconfigurable Hardware for Big Data Processing	24/3/2019
29	Ms Mali Manisha Dhondiram	Dr S S Chorage	Efficient cluster based MIMO-NOMA network for improving spectral efficiency	8/08/2018
30	Ms Kulkarni vaishali sanjay	Dr S S Chorage	Sensor Development for Diesel Particulate Filter Clogging Detection using Post Treatment Parameters	24/5/2019
31	Ms Lohar Mamata Vishvanath	Dr S S Chorage	Automatic Classification of Autism Spectrum Disorder from Brain Images using Image Fusion and Machine Learning Techniques	8/08/2018
32	Ms Khandare Megha V	Dr S S Chorage	Interpretation of EEG signals for efficient classification of motor tasks in Brain Computer Interface.	8/08/2018
33	Ms A S Shinde	Dr V V Patil	Hybrid Speech Emotion Recognition System	21/1/2020
34	M B Hankare	Dr V V Patil	Speech Enhancement for hearing impaired listeners using machine learning	21/1/2020
35	Mr J H Gambhir	Dr V V Patil	Improving speech intelligibility and speech authentication for forensic application	21/1/2020



36	Mr S H Lavate	Dr P K Srivastava	Classification of IOT traffic and channel allocation to benign traffic using Machine Learning	21/1/2020
37	Mr A K Kemalkar	Dr V K Bairagi	MIMO based cognitive radio network	21/1/2020
38	Mr A R More	Dr S L Lahudkar	Image Enhancement in Poor Visibility Conditions using Artificial intelligence	21/1/2020
39	Mr C K Bhange	Dr V K Bairagi	Mango quality detection and classification	21/1/2020
40	Mr Suyog Pande	Dr P K Srivastava	Investigation of different metamaterial structures for size reduction and quality improvement of patch antenna	5/3/2020
41	Ms Aparna Barbadekar	Dr P M Patil	Implementation and Performance Evaluation of Wireless Push System Using Smart Antenna	29/1/2020
42	Mr P N Badgular	Dr P K Srivastava	Internet of Video Things (IoVT) based smart video surveillance system using edge-fog-cloud framework	15/1/2021
43	Mr Amol Chaudhari	Dr D K Shedge	Performance Improvement of Speaker Recognition System using Integration of Speech Features.	15/1/2021
44	Ms S A Lomate	Dr V V Patil	Heart sound analysis for detection of heart anomalies using machine learning approach	15/1/2021
45	Mrs R U Yawle	Dr P B Mane	Screening and Grading of Diabetic Retinopathy using Machine Vision Approach	15/1/2021
46	Mr S B Dhekale	Dr D K Shedge	Sentimental analysis for multimodal Data using Deep learning	15/1/2021
47	Mrs S M Pange	Dr V R Pawar	Machine Learning Based Framework for Analysis and Detection of Depression using EEG and ECG Signals.	15/1/2021
48	Mrs V K Patil	Dr V R Pawar	Development of Emotion Recognition Techniques using Facial Expressions Method and Sensor Based Method	15/1/2021