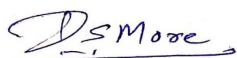


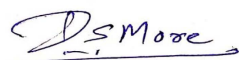
WALCHAND COLLEGE OF ENGG SANGLI

Ph. D. Student data from 2015-16 onwards

Sr. No	Name of Ph. D student	Thesis Title	Name of the Guide	Date of registration	Probable date of completion
1	Mr. Sachin Subhash Patil	Development of enhanced techniques for handling imbalanced big data streams	Dr. Mrs. S. P. Sonavane	1/8/2015	Completed on 26/12/2019
2	Mrs. Archana Pritam Kale	Implementation of neural network based pattern classification by identifying prominent feature subset	Dr. Mrs. S. P. Sonavane	1/8/2015	Completed on 16/12/2019
3	Mr. Sajeed Mulla	Design of miniaturized Microstrip Antenna for Efficient Multiband Mobile Communications	Dr. Mrs. S. S. Deshpande	July 2015	Submitted to SU June 2021
4	Mr. A S Patil	Design and Development of Efficient Routing Algorithm in Delay Tolerant Networks	Dr. P. J. Kulkarni	August 2015	Ph. D completed July 2020
5	Mrs. Vilbha Sachin Patil	Design of Control Mechanism for Power Saving with Configurable Architecture	Dr. Mrs. S. S. Deshpande	July 2016	December 2022
6	Mrs. Supriya Diwan	Development of NMPC Algorithm on FPGA using PSO for Nonlinear Fast Dynamic Systems	Dr. Mrs. S. S. Deshpande	July 2016	December 2022
7	Mrs. Arifa J. Shikalgar	Design and Development of Deep Learning Computational Model for Dimensionality Reduction of Heterogeneous Data	Dr. Mrs. S. P. Sonavane	July 2016	July 2023



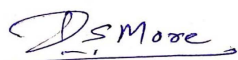
8	Mr. Arun R. Babhulgaonkar	Optimizing Statistical Machine Translation Using Linguistic Feature Learning	Dr. Mrs. S. P. Sonavane	July 2016	July 2022
9	Mr. Sudhir Pandurang Nangare	Development and Testing of Multi Pulse Tube Cryocooler with Oil Free Compressor	Dr. B. S. Gawali	July 2017	June 2022
10	Mrs. Supriya Krishna Darekar	Investigation of Part Characteristics using Additive Manufacturing Process for Comparative Study	Dr. S. U. Sapkal	July 2017	December 2022
11	Mr. Anand Sudhir Shivade	Application of Industrial Engineering Tools to Gear Box Manufacturing Industry for Productivity Improvement	Dr. S. U. Sapkal	July 2017	December 2022
12	Mr. S. R Jagtap	Design and development of reliable switching power converters by real time switch open-circuit and short-circuit fault diagnosis and fault tolerant control.	Dr. D. S. More	July 2017	July 2022
13	Mr. Chanchal Patil	Develop an algorithm for Face recognition with feature extraction using 3D-DWT and CNN with depth information and contour Map	Dr. S. D. Ruikar	July 2017	December 2022
14	Mr. Bhushan S Yelure	Development of an Adaptive Intersection-based Routing Protocol for Vehicular Ad-hoc Network.	Dr. Mrs. S. P. Sonavane	July 2017	July 2023
15	Mrs. Sangita B Nemade	Semantic Image Annotation Using Deep Learning	Dr. Mrs. S. P. Sonavane	July 2017	July 2023
16	Mr. Sangram S Nalavade	Study of the properties of subclasses of univalent	Dr. S. B. Joshi	July 2017	July 2023



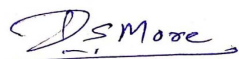
		functions			
17	Mrs. Vasudha B Girgaonkar	Study of certain subclasses of analytic and bi-univalent functions	Dr. S. B. Joshi	July 2017	July 2023
18	Mrs. Venushree S. Khanke	Static and Dynamic Analysis of Functionally graded skew sandwich plates with initial geometric imperfections	Dr. S. N. Tande	July 2018	July 2022
19	Mr. Prateek Deoman Malwe	"Energetic and Exergetic Assessment of a Cold Chain System for an Agricultural Product – Raisins"	Dr. B. S. Gawali	July 2018	August 2022
20	Mr. Mahmadrifik Sajjadahmad Choudhari	"Heat Transfer and Fluid Flow Analysis of Oscillating Flow Heat Exchanger - Pulse Tube Refrigerator"	Dr. B. S. Gawali	July 2018	August 2022
21	Mr. Mahesh Sadashiv Shinge	Effective Metaheuristics for Job Shop Scheduling Problem	Dr. S. U. Sapkal	July 2018	December 2023
22	Mr. Jitendra Govind Shinde	Design, Development and experimental investigation of miniature moving magnet pulse tube cryocooler.	Dr. M. M. Khot	July 2018	July 2023
23	Mr. Vijayshingh Balaso Suryawanshi	Design, Development and experimental investigation of miniature moving coil pulse tube cryocooler	Dr. M. M. Khot	July 2018	July 2023
24	Mrs. Mrunmayee Daithankar	Development of video super resolution algorithm in wavelet domain using neural network	Dr. S. D. Ruikar	July 2018	December 2022
25	Mr. Siddheshwar Patil	Development of parallel algorithms for solving graph	Dr. D. B. Kulkarni	July 2018	July 2022

D. S. Moore

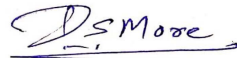
		theoretic problems			
26	Mrs Priyanka Lanjewar	Design and Development of Soft Set based Algorithm for Machine Learning.	Dr. B. F. Momin	July 2018	July 2021
27	Mr. Nikhil S. Bembade	Linear and Nonlinear Performance of concrete filled double steel tubular columns	Dr. S. N. Tande	July 2019	July 2022
28	Mrs. Yugandhara Ajit Salunkhe	Study on kinetics and mechanism of cost effective alternatives for enhancement of biomethanation of distillery waste	Dr. P. G. Sonavane	July 2019	Admission confirmed synopsis yet to be finalized
29	Mr. B.R. Kavathekar	Studies on Domestic Wastewater Treatment by Hybrid Biorack Wetland Systems	Dr. G. R. Munavalli	July 2019	January 2025
30	Mr. Rohit Mangalekar	Studies on Hydraulic Reliability and cost optimization in the design of water supply systems for high-rise residential buildings	Dr. K. S. Gumaste	July 2019	December 2023
31	Mr. Rustum Sikandar Dhalait	Theoretical and Experimental Analysis of Low Temperature Power Cycle for Waste Heat Recovery	Dr. B. S. Gawali	July 2019	August 2023
32	Mr. Nandkishor Sheshrao Deshmukh	Numerical and Experimental Investigation of Liquid Desiccant Cooling System	Dr. B. S. Gawali	July 2019	August 2023
33	Mr. Rahul C. Bhedasgaonkar	Experimental Investigation on Performance of Hybrid Nano Green Cutting Fluid in	Dr. U. A. Dabade	July 2019	July 2023



		Machining of Difficult-to-Cut Material under Minimum Quantity Lubrication			
34	Mr. Nitin Somnarayan Chityal	Investigation of Bushing Geometry and Thrust Force in Friction Drilling by Experimental and Optimization Approaches	Dr. S. U. Sapkal	July 2019	July 2023
35	Mrs Rutuja Krishnat Shivdas	Performance Analysis of Reconfigurable Manufacturing System (RMS) for System Design and Operation	Dr. S. U. Sapkal	July 2019	July2023
36	Mr. S. S. Mopari	Analysis of impact of surges and harmonics on the insulation of converter transformer	Dr. D. S. More	July 2019	July 2023
37	Mr. K. S. Shedbalkar	Development and Analysis of day ahead power forecasting technique for solar photovoltaic system.	Dr. D. S. More	July 2019	July 2023
38	Mrs P. R. Jadhav	Optimization Technique based Load Scheduling in Customer Driven Microgrid”	Dr. D. S. More	July 2019	July 2023
39	Mrs D. R. Chavan	Low frequency electrical energy disaggregation in NILM using machine learning approach	Dr. D. S. More	July 2019	July 2023
40	Mrs. Sheetal U. Pawar	Development of an Intelligent Framework for Pulmonary Nodule Detection and Classification	Dr. B. G. Patil	July 2019	July 2023
41	Mr. Shrenik Suresh Sarade	Development of wideband massive Multi-band MIMO Antenna for milimeter wave	Dr. S. D. Ruikar	July 2019	July 2023



42	Mr. Mirojoddin Usman Inamdar	Design and Development of an Intelligent Algorithm for trust management in M2M Communication towards IOT	Dr. S. D. Ruikar	July 2019	July 2023
43	Mr. Amol Kulkarni	-----	Dr. P. G. Sonavane	July 2020	Admission confirmed synopsis yet to be finalized


D. S. More