

WALCHAND COLLEGE OF ENGINEERING SANGLI

Details of the Ph. D Completed Students

■ Number of Ph.D.s Completed in Last Five Years

Department	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total
Civil Engineering	--	--	03	02	02	--	07
Mechanical Engineering	01	02	02	01	--	02	08
Electrical Engineering	01	---	--	---	---	--	01
Electronics Engineering	03	---	---	---	01	02	06
Computer Sci. Engineering	---	--	02	06	---	03	11
Total	05	02	07	09	03	07	33

Note :1 Academic year 1st July to 30th June is considered.

WALCHAND COLLEGE OF ENGINEERING SANGLI

Details of the Ph. D Completed Students

A) Academic Year 2016-17

Sr. No	Name of the Ph. D. student	Name of the guide	Title of the Thesis	Date of open Defence
1	Dr. Sandeep S. Patil	Prof. Dr. B. S. Gavali	Design and development of miniature co-axial pulse tube cryocooler	08/07/2016
2	Dr. V. B. Dharmadhikari	Dr. P. J. Kulkarni	Quality of service issues, formulation and performance evaluation of traffic smoothing techniques for MPEG video transmission in Packet switched networks.	11/10/2016
3	Dr. S. N. Kore	Dr. P. J. Kulkarni	Performance Evaluation of fixed length packet switches with multiple input queue switch	13/11/2016
4	Dr. R. N. Patil	Dr. Mrs. S Subbraman	Power Efficient Architecture for High Throughput Digital Systems.	20/12/2016
5	Dr. R. P. Hasabe	Prof. Dr. A. P. Vaidya	Development of a Method to Mitigate the Effects of Statcom on the Distance Protection Scheme using Wavelet Transform and Neural Network	09/05/2017

B) Academic Year 2017-18

Sr. No	Name of the Ph. D. student	Name of the guide	Title of the Thesis	Date of open Defence
1	Dr. Vilas Shirvam Hajare	Prof. Dr. B. S. Gavali	Enhancement of Latent Heat Energy Storage Using Nano-Particles in Phase change material	11/03/2018
2	Dr. Jitendra Dhondiram Patil	Prof. Dr. B. S. Gavali	Experimental study of heat transfer and fluid flow analysis of oscillating flow in microchannel	31/05/2018

C) Academic Year 2018-19

Sr. No	Name of the Ph. D. student	Name of the guide	Title of the Thesis	Date of open Defence
1	Dr. Y. M. Patil	Dr. G. R. Munavalli	Performance Evaluation of Low-Cost Grey water Treatment Systems	17/12/2018
2	Dr. Vishwas S. Patil	Prof. Dr. S. N. Tande	probabilistic based seismic performance evaluation of existing reinforced concrete buildings and retrofitting strategy	18/12/2018
3	Dr. Sunil J. Raykar	Prof. Dr. U. A. Dabade	Effect of High-Pressure Coolant on Surface Integrity of Inconel 718 in Turning Operation	07/12/2018
4	Dr. Mahesh R. Jadhav	Prof. Dr. U. A. Dabade	Analysis of Surface Integrity of Al/SiCp metal matrix composites in hot machining	04/05/2019
5	Dr. S. A. Thorat	Prof. Dr. P. J. Kulkarni	Trust Management Techniques for Improvement in MANET routing protocols	14/01/2019
6	Dr. Mrs. S. A. Takale	Prof. Dr. P. J. Kulkarni	Web Content mining in the frame work of soft computing	Feb 2019
7	Dr. Ravindra Shashikant Desai	Prof. Dr. S. N. Tande	Improvement in structural performance in buildings by optimization of energy management devices	04/02/2019

C)Academic Year 2019-20

Sr. No	Name of the Ph. D. student	Name of the guide	Title of the Thesis	Date of open Defence
1	Dr. S. S. Shaha	Dr. G. R. Munavalli	Performance Evaluation of Moving Bed Biofilm Reactor (MBBR) in Sequential Batch Mode for Domestic Wastewater Treatment	05/06/2020
2	Dr. Mrs. Jyoti P. Bhusari	Dr. K. S. Gumaste	Studies on Characterization of Reactive Powder Concrete for Enhanced Performance of Beam-Column Joints in RC Frames	
3	Dr. Sunil S. Karidkar	Prof. Dr. U. A. Dabade	Experimental investigation on effect of process parameters on performance measures in wire electrical discharge machining	07/10/2019
4	Dr. Karveer Manawade	Prof. Dr. D. B. Kulkarni	MPI Performance optimization in HPC cluster environment	26/12/2019
5	Dr. Mrs. Medha A. Shah	Prof. Dr. D. B. Kulkarni	Design and Performance Evaluation of Parallel Scalable Event Processing System	19-6-2019
6	Dr. Mrs. Rupali D. Kulkarni	Dr. B. F. Momin	Advanced Skyline Computation in	05.09.2019

			Distributed Environment	
7	Dr. Mrs. Mamta Kalas	Dr. B. F. Momin	Study and Implementation of Advanced Neuroimaging Techniques	20.11.2019
8	Dr. Sachin Subhash Patil	Dr. Mrs S. P. Sonavane	Development Of Enhanced Techniques For Handling Imbalanced Big Data Streams	26.12.2019
9	Dr. Mrs. Archana Pritam Kale	Dr. Mrs. S. P. Sonavane	Implementation of Neural Network Based Pattern Classification by Identifying Prominent Feature Subset	16.12.2019

D)Academic Year 2020-21

Sr. No	Name of the Ph. D. student	Name of the guide	Title of the Thesis	Date of open Defence
1	Dr. V. T. Gaikwad	Dr. G. R. Munavalli	Coagulation and softening Studies using natural coagulants and ballasting agents in Decentralized water treatment	18/02/2021
2	Dr. S. S. Shaha	Dr. G. R. Munavalli	Performance Evaluation of Moving Bed Biofilm Reactor (MBBR) in Sequential Batch Mode for Domestic Wastewater Treatment	30/7/2020
3	Dr. Sajeed Sirajuddin Mulla	Dr. Mrs. Shraddha Sunil Deshpande	Design of Miniaturized Micro strip Antenna for Efficient Multi band Mobile Communications	12/06/2021

E) Academic Year 2021-22

Sr. No	Name of the Ph. D. student	Name of the guide	Title of the Thesis	Date of open Defence
1	Dr. S B Bhagate	Prof. Dr. P. J. Kulkarni	Development of Secret Sharing Scheme using Extended Visual Cryptography	1/7/2021
2	Dr. Mrs. Sonali Sachin Sankpal	Prof. Dr. Mrs. Shraddha Sunil Deshpande	Image Enhancement and Colour Correction of Underwater Optical Images	10/08/2021
3	Dr. Mrs. Anjali Patil	Prof. Dr. Mrs. S Subbraman	Vision based view and illumination invariant hand gesture recognition approach	10/08/2021
4	Dr.. Pramod Budhanand Magade	Dr. S. P. Chavan	Design and development of Novel mini wind turbine set to harvest wind energy power developed by road vehicles on highway	04/10/ 2021
5	Mr. Manjit Madhukar Khade	Dr. S. P. Chavan	Dynamic analysis of structural beam for vehicle to reduce vibration by using viscoelastic material and Magneto rheological fluid damping	20/11/2021
6	Dr. Arun R. Babhulgaonkar	Dr. S. P. Sonavane	Optimizing Statistical Machine Translation Using Linguistic Feature Learning	5/1/2022
7	Dr. U. B. Chavan	Dr. D. B. Kulkarni	Performance issues in parallel, scalable facial expression recognition system."	17/05/ 2022