

Ph.D. Ongoing

S.N.	Name of Candidate	Name of Supervisor	Topic of Research	Date of Registration
1	Sujesh D. Ghodmare	Dr. B.V. Khode	Sustainable Transportation with its: A Framework for Assessment and Implementation for Emerging Metropolitan City of Nagpur (India)	2/4/2014
2	Harshal Warade	Dr. Ramesh Daryapurkar	Feasibility of Biogas Production from Napier Grass Using Animal Manure as Co-Substrate Through Pilot Scale Study	21/2/2015
3	Sanket Suresh Sanghai	Dr. P.Y. Pawade	Effect of Soil-Structure Interaction on Seismic Response of RCC Framed Building with Friction Dampers	11/2/2016
4	Shikant S. Solanke	Dr. P.Y. Pawade	A Study in Enhancing Properties of Concrete by Using Steel Fibers and Sugarcane Bagasse Ash	11/2/2016
5	Mangesh P. Bhorkar	Dr. A.G. Bhole	Study of Modified Tube Settlers in the Process of Water Treatment	11/2/2016
6	Mayuri Anand Chandak	Dr. P.Y. Pawade	Influence of Metakaolin and Steel Fibres in Enhancing Mechanical Properties of Concrete	19/01/2016
7	Hemantkumar G. Sonkusare	Dr. P.Y. Pawade	Investigate The Influence of Reactive Powder Concrete to Enhance the Mechanical Properties of Concrete	16/01/2016
8	Ms. Madhura Phatak	Dr. M.S. Patwardhan	Modeling Video Aesthetics Classifier using Visual Characteristics	9/6/2015
9	Mr. Manoj Bramhe	Dr. M. V. Sarode	Design of secured storage system for multi-cloud environment	13/3/2014
10	Prakash S. Mohod	Dr. Mrs. S.P. Khandait	Performance Analysis and Development of Efficient Algorithm for Face Recognition in Forensic Application	15/1/2014
11	Mr. Piyush K. Ingole	Dr. M. V. Sarode	Design and Development of Strategy for Network Selection and Vertical Handover in Heterogeneous Wireless Network Environment to Enhance QoS	13/03/2014
12	Mrs. Ujwala Malkhandale	Dr. N. G. Bawane	Artificial neural network, Neuro fuzzy System and HPGA based current controller for AC machine drives	13/8/2009 20/8/2014
13	Rohan M. Ingle	Dr. S.B. Bodkhe	Multi - Phase Permanent Magnet Synchronous Motor Drive- A Comparative Study	14/01/2013
14	Ms. Megha D. Chaple	Dr. S.B. Bodkhe	Development of a New Technique for Performance Enhancement of Switched Reluctance Motor Drive by Torque Control	15/01/2013
15	Akshay Ashokrao Kakde	Dr. S.G. Tarnekar	Faster Energy Transaction from Ultra-Capacitor Bank by Appropriate Re-Configuration	13/1/2014
16	Sanjay Tembhone	Dr. S.L. Haridas	Design of energy efficient MEMS optical switch for channel allocation	4/15/2014
17	Mr. Rahul K. Hiware	Dr. D. V. Padole	Design of Multicore Reconfigurable System Based on Coarse Grain Architecture	12/8/2013
18	Mr. Mohd. Sherfuddin Khan	Dr V H Mankar	Analyzation and Implementation of Robust Techniques to Extract Superficial and Volumetric Features 3D Images	30/10/2013

19	Mrs. Sushma V. Telrandhe	Dr. Prema Daigavane	Design & Implementation of Different Algorithms to Detect Facial Expression of Unborn in the Womb	9/1/2014
20	Ms. Shraddha Chandrashekhar Sangewar	Dr. Prema Daigavane	Design of soft computing based system to diagnose level related diseases	15/12/2015
21	Nikhil P. Wyawahare	Dr. S.L. Haridas	Design & Implementation of Configurable Femtocell Using White-Space	8/1/2014
22	Sanjay S. Wankhede	Dr. P. R. Bajaj	Design and Development of Behavior and Risk Model for Drivability under Intelligent Transportation System	13/01/2014
23	Abhijit Sevakram Titarmare	Dr. M.M. Khanapurkar	Dynamic and Predictive Adaptive Driver Assistance System for Vehicle Safety in Cognitive Transportation System	15/01/2014
24	Rushikesh T. Bankar	Dr. S.S. Salankar	Performance Improvement of a Vision Based Head Gesture Recognition Systems	15/01/2014
25	Wani Videsh Patil	Dr. Prema Daigavane	Design and Implementation of Intelligent System for Identification of Retinal Diseases Caused by Diabetes Using Image Processing & Soft Computing Tool	13/1/2014
26	Vipin Bondre	Dr. S.S. Dorle	Design of Multipath Routing Protocol for Emergency Services in VANET	8/1/2014
27	Pragati Trimbak Kene	Dr. S.L. Haridas	Cloud Computing Based Handoff for Heterogenous Wireless Network	7/1/2014
28	Sonali Rajabhau Navghare	Dr. P. R. Bajaj	Design and Development of Sensors and Intelligent System to Decode some Diseases in Aurvedic Therapy	13/01/2014
29	Sheeja S. Suresh	Dr. S.P. Hingway	Prototype Implementation of Advance Electronic Control Energy Saving System-for Heavy Commercial Air-Conditioners	2/6/2015
30	Neetu Nirmal Gyanchandani	Dr. (Mrs.) A. A. Khurshid Ph.D.(Cell)/RRC/Guide2247, Nagpur, Dated 18/04/2012	A Novel Data Compression Technique to Improve Compression Ratio and Retrieval Efficiency with Reduced Computational Cost	11/4/2012
31	Mr. Dharamveer P. Choudhari	Dr. S.S. Dorle Ph.D.(Cell)/RRC/Guide/2242/ B/980, Nagpur, Dated 18/04/2012	Performance Analysis of Spatial Distribution and Channel Quality Adaptive Protocol With Early Detection of Attacks in VANET	9/10/2013
32	Snehal Vasantao Dongare	Dr. D. V. Padole	Development of approaches for brain signature identification using Non invasive method	12/1/2016
33	Rahul Agrawal	Dr. P. R. Bajaj	Design And Development of Alternative Communication System for Physically Disabled Person Based on Intrusive / Non Intrusive Models	1/10/2016
34	Pankaj P. Chitte	Dr.U.M.Ghokhale	Design and Development of Machine Learning Algorithm for analysis and Detection of Cervical Spondylosis	1/10/2016
35	Neerajkumar Sathavne	Dr.U.M.Ghokhale	Design of Cardiovascular Disease Classification and Detection Using Neural Network	1/10/2016
36	Swapna M. Choudhary	Dr. S.S. Dorle	Performance Evaluation of Software Defined Vehicular Ad-hoc Network (SDVAN)	18/01/2017
37	Saurabh Sureshrao Nimkar	Dr. M.M. Khanapurkar	Design of Internet of Things Based System for Smart Governance Applications	18/01/2017

38	Lalit Kulkarni	Dr. J.W. Bakal	Design and Development of a Model for Security in Delay Tolernat Network	13/2/2015
39	Deepak D. Kapgate	Dr. D.R. Kalbande	Optimization of Steady State Visual Evoked Potentials (SSVEP) and Event Related Potentials (P300) Responses for Robust Hybrid Visual Brain Computer Interface	1/10/2015
40	Mangala Sandip Madankar	Dr. Manoj B. Chandak	"Agent Based Approach for Information Retrieval in Multilingual Indian Languages"	7/6/2015
41	Sunita Gajendrasingh Rawat	Dr. Manoj B. Chandak	"An Approach for Word Sense Disambiguation for Improving Accuracy of Machine Translation Using Translation Memory and Hadoop Framework"	7/6/2015
42	Chetan A. Dhule	Dr.U.N.Shravankar	Pareto-Optimal Seamless Live Migration of Virtual Machines for Green Cloud Computing	15/10/2016
43	Archana Raut	Dr. Sunanda P. Khandait	Design and Development of QoS Aware Transmission Scheme for Wireless Sensor Networks to Support Mission-Critical Applications	15/10/2016
44	Sofia K. Pillai	Dr.M.M.Raghuwanshi	Design and Development of a Machine Learning Algorithm for Species Identification System	15/10/2016
45	Girish Talmale	Dr.U.N.Shravankar	Analysis and Performance Measure of Dynamic Cluster Based Hierarchical Real Time Scheduling for Multi-core Platform	15/10/2016
46	Amreen H. Khan	Dr.M.M.Raghuwanshi	Performance Enhancement of Particle Swarm Optimization by Designing Algorithms	15/10/2016
47	Sampada Wazalwar	Dr.U.N.Shravankar	Interpretation of Indian Deaf & Dumb Language into English Language	15/10/2016
48	Ashish Ramesh Rao Thakre	Dr. (Mrs) R.N. Baxi	Synthesis and Characterization of Polypropylene Based Alloys and Composites	13/3/2014
49	Mr. Vijay Gajanan Bhamre	Dr. U.S. Wankhede	Experimental and Computational Investigation of Cascaded Solar Thermal Cavity Receiver for Parabolic Concentrating Collector	21/06/2013
50	Mr. Rajesh kumar B Ganvir	Dr. P. V. Walke	Performance investigation and thermal analysis of compact heat exchanger using NanoFluids	9/4/2014
51	Dipak Sudam Patil	Dr. Rachayya R. Arakerimath	Parametric Analysis and Performance Optimization of Thermoelectric Generator for Waste Heat Recovery from Engine Exhaust	10/12/2015
52	Prashant P. Shingare	Dr. V. M. Kriplani	Experimental Investigation of Convective Heat Transfer Enhancement of Nanofluids in Circular Tube with Inserts	1/7/2015
53	Vednath P. Kalbande	Dr. P. V. Walke	Performance Improvement of Thermal Storage System Using Solar Collector for Domestic Applications	8/12/2015
54	Shyamal Giridhar Chakrabarty	Dr. U.S. Wankhede	Experimental Investigations of Salinity Gradient Solar Pond for Enhancing Heat Extraction	9/12/2015

55	Rajesh V. Dahibhate	Dr S B Jaju	Experimental and theoretical Investigation of Drilling Parameters to Avoid Necrosis for Orthopaedic Rehabilitation	8/12/2015
56	Shilpa P. Bhorkar	Dr. V.N. Bhaiswar	Mathematical Modelling & Vibration Phenomenom of the Bearing of Spinning Machine	5/7/2015
57	Smita Chetan Ambatkar	Dr. P.Y. Pawade Ph.D.(Cell)/RRC/Guide/61 Nagpur dated 05/04/2014	Influence of Polyethylene Terephthlate Bottle Fibres on Mechanical properties of Concrete	Inprocess
58	Kamlesh Ashokrao Kalbande	Dr. S.S. Dorle Ph.D.(Cell)/RRC/Guide/2242/ B/980, Nagpur, Dated 18/04/2012	Design and Implementation of Improved Routing protocol for unmanned air vehicle aided vehicular adhoc network	Inprocess
59	Ms. Trushna Deotale	Dr. Prema Daigavane No. Ph.D. Cell/RRC/Guide/66 Nagpur, Dated, 05/04/2014	Design and performance analysis of system for finding heart block by using non-invasive method	Inprocess
60	Mr. Kunal N. Dekate	Dr. S.S. Dorle Ph.D.(Cell)/RRC/Guide/2242/ B/980, Nagpur, Dated 18/04/2012	Design and Analysis of hybrid Silicon photonics III-V Si Quantum Dots on Chip laser for Photonic Integrated Circuits	Inprocess
61	Mr. Ramchandra Harichandra Adware	Dr. V. K. Chandrakar Ph.DCell/RRC/ Guide/E&T/117/B/481 Nagpur, dated 10/01/2008	Power Quality Improvement in Power system by using hybrid Statcom	Inprocess
62	Ms. Prajanta Satish Vaidya	Dr. V. K. Chandrakar Ph.DCell/RRC/ Guide/E&T/117/B/481 Nagpur, dated 10/01/2008	Power System Performance improvement by using shunt FACTS device with super-capacitor	Inprocess
63	Vedashree Prakash rajderkar	Dr. V. K. Chandrakar Ph.DCell/RRC/ Guide/E&T/117/B/481 Nagpur, dated 10/01/2008	Optimal Location of Unified Power flow controller(UPFC) for power system security Improvement	Inprocess
64	Mr. Amol Pitale	Dr. P. V. Walke Ph.D. (Cell)/RRC/Guide/1513, Nagpur, Dated 17/01/2013	Investigations on exhaust after treatment devices using Nano particles laden fuels.	Inprocess