

CRITERIA 3.3.3**Key Indicator 3.3- Research Publication and Awards (20)****Number of Ph.D's awarded per teacher during the last five years**

Sr No.	Name of the PhD Scholar	Name of the Department	Name of the Guide/s	Title of Thesis	Year of registration of the Scholar	Year of award of PhD
1	Dr.Anupam Choudahary	Electronics Engg	Dr. R.V.Kshirsagar	Design and development of multiprotocol label based network model using single stacked for reduction of label space in networking	2012	2017
2	Dr.A.B.Jirapure	Electronics Engg	Dr. R.V.Kshirsagar	A novel approach for fault detection and fault management in wireless sensor network	2012	2017
3	Mr. Rahul Adle	Electrical Engineering	Dr. (Mrs.) S.P. Muley. Dr. M. M. Renge	Development of PV based Z-Source inverter fed drive for water pumping system.	2013	Submitted in 2017

4	Dr. V.M. Sonde	Mechanical Engineering	Dr. P.N. Belkhode Dr.C.N. Sakhale	Formulation of An Approximate Generalized Experimental Data Based Model for Wood Chipper Cutter Energized By Human Powered Flywheel Motor	2011	2017
5	Dr. Pawan Chandak	Mechanical Engineering	Dr.J.P.Modak	Modeling through artificial neural network simulation of performance of various processes energised by human powered flywheel motor	2009	2017
6	Dr. Ms. Aarti Lende	Mechanical Engineering	Dr.J.P.Modak	Modelling through ANN simulation of human powered flywheel motor	2009	2017
7	Dr. (Mrs.) Yogita K. Meshram	Applied Chemistry	Dr. R. U. Khope/ Dr. N. T. Khati,	Adsorption behavior of Organic complexing agent on granular activated Carbon in scavenging metal content from aqueous phase.	2010	2017
8	Dr. Ms.Kanchan Borkar	Mechanical Engineering	Dr.P.N.Belkhode Dr. J.P. Modak	Modeling and Simulation of Maintenance in Locoshed	2012	2016

9	Dr.S.M. Mowade	Mechanical Engineering	Dr. G.K. Awari Dr. M.P. Singh	Performance Investigation of Solar Dryer for Green Drying of some herb	2010	2016
10	Dr.N.P. Mungle	Mechanical Engineering	Dr. G.K. Awari Dr. M.P. Singh	Studies on availability and Effectiveness of agro waste briquettes as alternate suburban fuel source	2013	2016
11	Dr. S.K. Undirwade	Mechanical Engineering	Dr. M.P. Singh	Formulation of An Approximate Generalized Experimental Data Based Model for Silver Cutting from Bamboo Energized By Human Powered Flywheel Motor.	2010	2016
12	Dr. Anjali Joshi	Mechanical Engineering	Dr.J.P. Modak	Development of A Very Small Capacity Stone Crushing Mill	2008	2016
13	Dr. Atul Dhale	Mechanical Engineering	Dr. J.P. Modak	Formulation of Approximate Generalized Experimental Data Model for Oil seed Pressure using human Powered Flywheel Motor as an Energy Source.	2009	2016

14	Dr. P.B. Khope	Mechanical Engineering	Dr.J.P.Modak	Establishment of Empirical Relationship Simulating Phenomena of Chaff Cutter Energized By Human Powered Flywheel Motor.	2010	2016
15	Dr. S.R. Ikhar	Mechanical Engineering	Dr. A.V.Vanalkar Dr.J.P.Modak	Field data based Mathematical Modeling and simulation of Stirrups making activity.	2010	2016
16	Dr. S.N. Waghmare	Mechanical Engineering	Dr.C.N. Sakhale	Formulation of Experimental Data Based Model for Human Energized Flywheel Motor For stirrup Making.	2013	2016
17	Dr. P.R.Rothe	Electronics Engg	Dr. R.V.Kshirsagar	Intelligent Pattern Recognition System with Application to Crop Disease Identification	2012	2016
18	Dr. (Mrs.)M.V.Vyawahare	Electronics Engg	Dr. R.V.Kshirsagar	Design and Implementation of High speed VLSI architecture For AES algorithm to minimize area and delay for better performance and efficiency	2012	2016

19	Dr. S.S.Sharma	Electronics Engg	Dr. R.V.Kshirsagar	Design of fault tolerant FPGAS by shifting the configuration data	2012	2016
20	Dr. (Mrs.) Naqui Jahan M. Siddiqui.	Applied Chemistry	Dr. M. G. Dhonde/ Dr. N.T. Khati	Utility of Ethyl/Methyl -3-(Substituted Benzo (b) Furan -2- YL Carbonyl.) Pyruvate in Heterocyclic Synthesis : :synthesis of some new Azoles bearing benzofuran Moeity & their Biological Evaluation.	2009	2016
21	Dr. A.M. Andhare	Mechanical Engineering	Dr. V.M. Kriplani Dr. J.P. Modak	Experimental Investigation and Thermal Performance Analysis of A helical Coil Heat Exchanger.	2010	2016
22	Dr. Gayatri S. Gaikwad	Applied Chemistry	Dr. S. R. Thakare/Dr.N.T. Khati	Synthesis & Characterization of mixed Zirconium Oxides as a photocatalyst for degradation of organic pollutants.	2009	2016
23	Dr.Ms. Asmita D. Deshpande	Applied Physics	Dr. Vivek M. Nanoti (Supervisor)	Synthesis of Substituted Calcium Nano Hexaferrites by Sol-Gel Method and Compositional Dependence of their Electric-Magnetic Properties	2009	2015

24	Dr.Pranav Lapsiwala	Electronics Engg	Dr. R.V.Kshirsagar	Study and analysis of dynamic and distributed wireless sensors network for layout	2012	2015
25	Dr. Manoj Wakhare	Mechanical Engineering	Dr.R.R.Lakhe Dr. M.P. Singh	Performance improvement in the organization thought an integrated model of lean, TQM and 6-sigma.	2008	2015
26	Dr. I.A. Khan	Mechanical Engineering	Dr.G.K. Awari	Effect of Uncertain Parameters on Vibrational Characteristics and Behavior of Structures	2010	2015
27	Dr. D.M. Mate	Mechanical Engineering	Dr. G. K. Awari Dr.J.P.Modak	Experimental Investigation of Parametric Effects on the Surface Roughness of an Aluminum Alloy Produced by Burnished Spherical Surface Tool.	2010	2015
28	Dr. M. R. Phate	Mechanical Engineering	Dr. V.H. Tatwawadi Dr.J.P.Modak	Design optimization & simulation of Field Data Base Model (FDBM) For a Step turning Process	2010	2015

29	Dr. R.A. Kapgate	Mechanical Engineering	Dr. V.H. Tatwawadi	Establishment of Experimental data base model for wire EDM machining for A1/sic MMC & its optimization	2010	2015
30	Dr. V. D. Ghuge	Mechanical Engineering	Dr.J.P. Modak	Mechanical Design Fabrication And Performance Validation of a Novel Gear box Compatible for Process Machines Energized by Human Powered flywheel Motor.	2009	2015
31	Dr. A. V. Wankhede	Applied Chemistry	Dr. M. G. Dhonde / Dr. N.T. Khati	Synthesis & Characterization of different photocatalytic material & its Environmental application.	2009	2014
32	Dr. K.Dixit	Mechanical Engineering	Dr.J.P.Modak Dr.M.P.Singh	Formulation of approximate generalized field data base model of automobile service function.	2007	2014
33	Dr. (Mrs.) Vandana D. Badwaik	Applied Physics	Dr. Vivek M. Nanoti (Supervisor) Dr. Kishor G. Rewatkar (Co-Supervisor)	Magnetic and Electrical Studies on Cu and Zn Substituted Sn-Co Ferrites	2007	2013

34	Dr. R. R. Kherani	Applied Physics	Dr. Vivek M. Nanoti (Co-Supervisor) Dr. Kishor G. Rewatkar (Supervisor)	Study of Magneto-Electric effect in Substituted Zinc Ferrite-Lead Titanate Composite Materials	2008	2013
35	Dr. (Mrs.) Sheela A. Pawade	Applied Physics	Dr. Vivek M. Nanoti (Co-Supervisor) Dr. Kishor G. Rewatkar (Supervisor)	Synthesis and Characterisation of Substituted Strontium Hexaferrites Nano Particles	2009	2013
43	Dr. V.N.Bhaiswar	Mechanical Engineering	Dr.J.P.Modak Dr.M.P.Singh	Generation of design data new type of flexible coupling.	2008	2013
37	Dr.Ashok Dhale	Mechanical Engineering	Dr.G.K.Awari Dr.M.P.Singh	Analysis and Design modification of the Porous Medium combustion engines as a strategy for intelligent combustion system.	2008	2013
38	Dr. Nikhil V. Suramwar	Applied Chemistry	Dr. S. R. Thakare / Dr. N. T. Khatai	Preparation & application of Nanomaterial as a catalyst in Organic Synthesis	2010	2013

39	Dr. S. N. Sable	Applied Physics	Dr. Vivek M. Nanoti (Supervisor) Dr. Kishor G. Rewatkar (Co-Supervisor)	Synthesis and Electric-Magnetic behavior of Nanocrystalline Co-Sn substituted Calcium Hexaferrites	2008	2012
40	Dr. R. J. Patil	Mechanical Engineering	Dr.M.P.Singh Dr.G.K.Awari	Formulation of design producer of SCHEFFER reflector & design improvement.	2008	2012
41	Dr. S. R. Gawali	Applied Physics	Dr. Vivek M. Nanoti (Co- Supervisor) Dr. Kishor G. Rewatkar (Supervisor)	Properties of Al-Substituted Calcium Hexaferrite Nanoparticles prepared by Sol-Gel combustion process	2008	2012