

2.4.2 Average percentage of full time teachers with Ph.D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

(20)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year) (5)

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years(5)

| Name of full time serving teacher with Ph.D./D.M./M.Ch./D.N.B Super | Qualification (Ph.D./D.M./M.Ch./D.N.B) | Whether recognised as a Research Guide for Ph.D./D.M./M.Ch./D.N.B Super | Year of Recognition as a Research Guide | Is the teacher still serving the institution/If not last year of the service of | Name of the scholar | Year of registration of the scholar | Title of the thesis of the for scholar |
|---|--|---|---|---|---------------------------|-------------------------------------|---|
| Dr. S.D.Lokhande | Ph.D. :2006 | Yes | 2009-10 & 2016-17 | YES | Dass Ajay Kumar | 2017-18 | Development of a Model Electronic Component Obsolescence Mitigation and forecasting based on New Emerging Techniques |
| | | | | | Kulkarni Shiram Sadash | 2012-13 | Hybrid Routing Technique for Multi-hop Adhoc Cognitive Radio Networks with reference to public Safety Networks. |
| | | | | | Rakesh B. Dhumale | 2011-12 | Fault detection & diagnosis of 3 phase VSI using DWT and Fuzzy neural network. |
| | | | | | Shailendra C. Badwaik | 2011-12 | Development of Hand gesture recognition system with reference to the marathi sign language |
| | | | | | Paramane Akshay Niranjan | 2017-18 | Design and Development of an Algorithm & System for knowledge estimation by using Naive-Bayes Classifier and Credibility factor |
| | | | | | Takale Sachin Balasaheb | 2012-13 | Development of QoS based Routing Algorithm for Wireless Sensor Network |
| | | | | | Vijay G. Gaikawad | 2011-12 | An Improved pedestrian Detection & Lane Departure Warning System for Advanced Driver Systems |
| | | | | | Rupesh C. Jaiswal | 2011-12 | Investigation on Traffic modelling and traffic recognition techniques in computer networks |
| Dr. M. B. Mali | Ph.D. :2012 | Yes | 2013-14 | YES | Bangare Pushpa Manoj | 2014-15 | Effective on-chip reconfigurable computing for general purpose applications. |
| | | | | | Raut Atul Arjun | 2017-18 | Modelling and Simulation of High Speed Ultra low Power Solid State Device for Technology Beyond CMOS |
| | | | | | Tak Shital Shrikrishna | 2014-15 | Efficient fault tolerant static Random Access Memory with improved reliability against failures. |
| Dr. S. R. Ganorkar | Ph.D. :2013 | Yes | 2013-14 | YES | Chincholkar Yugindra D | 2014-15 | Multifractal modelling, segmentation, prediction and statistical validation of brain tumor in MR images. |
| | | | | | Lokhande Harshad Nandk | 2017-18 | Design and Development of Algorithm for Scene specific object Identification and Tracking for Surveillance Applications-In process |
| | | | | | Maldhure Prasad Nanasal | 2020-21 | Improving Microaneurysms and Exudates Detection in Retinal Images Using Machine Learning Algorithms for Diabetic Scenario-In Process |
| | | | | | Raut Vrushali Ganesh | 2014-15 | Modelling and Interpretation of brain activity pattern for enhancing brain computer interface as assistive technology. |
| | | | | | Shivsharan Nitin Mahade | 2012-13 | Development and performance evaluations of algorithms for detection and classification of diabetic retinopathy arading system. |
| | | | | | Vikas Ramchandra Marat | 2020-21 | Detection of Autism Spectrum Disorder by Analysis of brain wave Using Machine Learning-In Process |
| Dr. R. S. Kawitkar | Ph.D. :2008 | yes | 2012-13 | YES | Dharmaraj Bhimrao Salu | 2011-12 | An approach for multiple signal Classification algorithm in an adaptive array system |
| Dr. Y. P. Reddy | Ph.D. :2009 | Yes | 2011-12 | YES | Chavan Abhijeet Ganpatr | 2017-18 | Investigation on effect of nano lubricant additives on the performance of journal bearing |
| | | | | | Bahubali Babanrao Sange | 2017-18 | Experimental Investigation on the effect of process parameters for solidification characterization of Variable thickness ductile cast iron |
| | | | | | Gavali Suresh Laxman | 2016-17 | Study of Titanium Based Nanomaterial for Modeling and Optimization of Customized Impalnt |
| | | | | | Kagade Vijaykumar Ramulal | 2015-16 | Multi Objective Optimization of Process Parameters in Dry Machining of High Carbon High Chromium Steel |
| | | | | | Patil Rajesh Vinayak | 2015-16 | Online measurement of imperfections in dissimilar metal welds using image processing techniques |
| | | | | | Ashok P. Tadmalle | 2011-12 | Characterization and thermo-mechanical modeling of laser welding process to predict residual stresses |
| Dr.A. B. Kanase-Patil | Ph.D. :2011 | Yes | 2013-14 | YES | Navale Rohit Maruti | 2017-18 | Performance Evaluation of a Novel Three Degree of Freedom XY0Z Micro-Motion Stage |
| | | | | | Papade Chetan Vijaykum | 2017-18 | Multi Objective Optimization of Process Parameters in Dry Machining of High Carbon High Chromium Steel |
| | | | | | Kinikar Hemant Anil | 2017-18 | Performance Evaluation of PCCI-DI Engine for Constant Speed Genset Application |
| | | | | | Kaldate Avinash Popatrac | 2017-18 | Artificial intelligence based integrated renewable energy system for smart cities |
| | | | | | Revankar Anil Vishram | 2017-18 | Design, Development and Performance Evaluation of Power System for Hybrid Two Wheeler |
| Dr. A. P. Pandhare | Ph.D. :2015 | Yes | 2019-20 | YES | Tukaram Limbraj Gilbile | 2019-20 | Development and Performance Analysis of Co-doped (Sm, Gd, Nd, Sr) ceria Electrolytes for LT-SOFC Application |
| | | | | | Thakre Shekhar Dinkar | 2019-20 | Thermal Analysis of Microchannel Heat Sink with Various Aspect |
| | | | | | Sudheendra Subramanya | 2019-20 | COMPUTATIONAL AND EXPERIMENTAL INVESTIGATION OF METAL ORGANIC FRAMEWORK (MOF) AIR FILTERS FOR LOWER EMISSIONS |
| | | | | | Sumit Sadashiv Devarshi | 2020-21 | Theoretical & Experimental Investigation of Parthenium Hysterophorus Natural Fiber Composite for Automotive Application |
| Dr. Shastri Sameer | Ph.D. :2016 | Yes | 2012-13 | YES | Datye Abhijeet Vishwan | 2017-18 | Process Optimization of Modified Stabilization Tank for the Treatment of Domestic Sewage |
| | | | | | Suryawanshi Anita Chand | 2017-18 | Experimental investigations on influence and necessity of initial curing on the properties of hardened concrete. |
| | | | | | Khanapure Vidya Umaka | 2017-18 | Implementation of Lean approach in sustainable construction : A conceptual framework for high rise residential project |
| | | | | | Dewalkar Snehal Vitthal | 2017-18 | Development of Computational Model for Design and Performance Evaluation of Multi Storeyed Building with Environmental Floor using Life Cycle |
| | | | | | More Robini Sampatrao | 2017-18 | Optimization study to establish the effect of modified river flow pattern for online treatment of polluted river water |

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| Dr.Kalpana Joshi | Ph.D. :1992 | Yes | 2020-21 | YES | Mrs. Shweta M. Kashid | 2019-20 | Biotransformations for improving productivity of fragrances using Bioreactors |
| | | | | | Ms. Kavita Raju Trimal | 2019-20 | Association of maternal folate-vitamin B 12 status and genetic variants in one carbon metabolism of Indian Women with birth outcome |
| | | | | | Mr. Avinash Sanap | 2018-19 | Cellular and molecular investigations of Mesenchymal Stem Cell (MSC) based therapy for insuling Resistance |
| | | | | | Mrs. Shraddha S. Kulkarni | 2016-17 | Production and optimisation of hydrophobins from fungi |
| | | | | | Ms. Geetanjali Javir | 2016-17 | Evaluation of anticancer activity of a novel sesquiterpene lactone from <i>Cyathoclone purpurea</i> |
| Dr. Mamta Mishra | Ph.D. :2007 | Yes | 2012-13 | YES | Vishal Gaikwad | 2012-13 | A Study of Marketing Efforts and Business Performance of selected processed food Product Manufacturers in Pune region |
| | | | | | Harsha Gandhi | 2013-14 | Service Quality and Customer loyalty of DMAT account holders in selected banks and securities brokerage firms in Pune City: A Comparative Study |
| Dr. Shanta Arakeri | Ph.D. :2013 | Yes | 2017-18 | YES | Prashant Rajan Shelar | 2020-21 | A Critical Analysis of Direct Benefit Transfer facility with Special Reference to Mahatma Gandhi National Rural Employment Guarantee act Palghar District of Maharashtra(2010 to 2020) |
| | | | | | Dharamraj Hazarika | 2020-21 | An Analytical Study on Human Development attainment of Tea garden labourers.. A case study of upper Asam |
| | | | | | Satish Sonawane | 2020-21 | An Analytical Study of Pradhan Mantri Kaushal Vikas Yojana & its impact on skill enhancement & employment generation (Special reference to Pune District) |
| | | | | | Kiran Mohite | 2020-21 | Economical Study of Sandalwood Farming in Karnataka |