

**List of Students for the Award of Degree of M Tech by Research in Institute's 15<sup>th</sup> Convocation  
2017**

<b>Sn</b>	<b>Student Name</b>	<b>Hindi Name</b>	<b>Dep</b>	<b>Topic</b>	<b>Guide</b>	<b>Notification Date</b>
1.	Deepak Vithalrao Walke	दिपक विठ्ठलराव वालके	MN	Prediction of Roof-Fall in Underground Coal Mines Using Risk Assessment Techniques	Dr. R. R. Yerpude	07/10/2016
2.	M. Satish Kumar	एम सतिश कुमार	MN	Effect of Blasting on Waste Dump Slope Stability in Opencast Coal Mine	Dr. N. R. Thote	18/01/2017
3.	Prathamesh Parashuram Gangal	प्रथमेश परशुराम गांगल	EC	Detection of Objects in Automated Video Surveillance	Dr. V. R. Satpute	30/03/2017

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SN	Student Name	Hindi Name	Dep	Notification Date	Topic	Guide
1.	Bhaskar Ramkrishna Borkar	भास्कर रामकृष्ण बोरकर	ME	03/10/2016	Computer Aided Manufacturing Planning (Camp) Using Step Data Through Automatic Manufacturing Feature Recognition	Dr. Y. M. Puri
2.	Amol Suryakant Pote	अमोल सुर्यकान्त पोटे	CE	14/10/2016	Evaluation of Downstream Scouring with Special Reference to Labyrinth Weirs	Dr. A. D. Ghare
3.	Radhika Pralhad Deshpande	राधिका प्रल्हाद देशपांडे	CE	14/10/2016	Optimal Routing for Biomedical Waste Collection	Dr. A. R. Tembhurkar
4.	Sonali Prakash Tajane	सोनाली प्रकाश ताजने	CM	05/12/2016	Development and Characterization of Micro Neem Biopesticide	Dr. S. A. Mandavgane
5.	Tanuja Sukhacharan Vaidya	तनुजा सुखचरण वैद्य	ME	09/12/2016	Dynamic Analysis of Structural Element Under the Moving Mass for Damage Assessment	Dr. A. Chatterjee
6.	Sushant Satish Satputaley	सुशांत सतिश सातपुतळे	ME	19/12/2016	Experimental Investigation of Suitability of Algae-Biodiesel as an Alternative Fuel for Diesel Engine	Dr. D. B. Zodpe Dr. N. V. Deshpande
7.	Jyoti Manish Ghushe	ज्योती मनिष घुशे	PH	20/12/2016	Investigation of Heterostructures of Polyaniline & Its Nanocomposites with Metal Oxides for Photovoltaic Applications	Dr. Mrs. S. M. Giripunje
8.	Madhuri Shankarrao Bhagat	माधुरी शंकरराव भगत	CE	24/01/2017	Development of Flood Risk Management System Using Hybrid Assessment Approach	Dr. A. D. Ghare Dr. R. V. Ralegaonkar
9.	Ruta Dhanram Khonde	रुता धनराम खोंडे	CM	30/01/2017	Biomass Gasification: Experimental And Computational Studies on Two-Stage Fixed Bed Downdraft Gasifier to Optimize Tar Cracking and Syngas Production	Dr. A. S. Chaurasia
10.	Ashish Tiwari	आशिष तिवारी	CS	31/01/2017	Topology Control in Adhoc and Sensor Networks	Dr. O. G. Kakde

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11.	Dinesh Kumar S	दिनेश कुमार एस	MA	09/02/2017	Numerical Methods for Solving Singularly Perturbed Delay Differential Equations with Large Delays	Dr. P. P. Chakravarthy
12.	Mangesh Ramchandrajji Dharme	मंगेश रामचंद्रजी धर्मे	ME	14/02/2017	Fatigue Testing Of Customized Hip Implant	Dr. A. M. Kuthe
13.	Shrikant Arunrao Tekade	श्रीकांत अरुणराव टेकाडे	CE	17/02/2017	Supercritical Flow Measurement by Using Cutthroat Flume	Dr. A. D. Vasudeo
14.	Roopal Rahul Deshpande	रुपल राहुल देशपांडे	AR	28/02/2017	Investigating Privacy in Traditional and Modern Houses through Spatial Analysis : Case Study, Nagpur	Dr. Mrs. R. S. Kotharkar
15.	Narasimha Reddy Soora	नरसिंहा रेड्डी सूरा	CS	07/03/2017	Text Detection and Recognition from Still Images and Videos of License Plates and Multilingual Documents	Dr. P. S. Deshpande
16.	Jitendra Vikram Tembhrne	जितेंद्र विक्रम टेंभूर्णे	CS	07/03/2017	Parallelization of Algorithms in Cryptography	Dr. S.R. Sathe
17.	Ashish Laxmanrao Nashine	आशिष लक्ष्मणराव नशीने	CE	10/03/2017	Kinetic Studies for Adsorption of Arsenic Removal from Water by Natural Adsorbents	Dr. A. R. Tembhrurkar
18.	Babarao Digambar Deshmukh	बाबाराव दिगांबर देशमुख	MM	14/03/2017	Effect of Aluminium Addition on Microstructure and Corrosion Resistance of Zinc-Aluminium Alloy for Galvanizing	Dr. A. P. Patil
19.	Sachin Paparao Ambade	सचिन पापाराव अंबादे	MM	20/03/2017	Studies on Effect of Welding on Corrosion of 409M Ferritic Stainless Steel and Mild Stee	Dr. A. P. Patil & Dr. Y. M. Puri
20.	Shweta Sanjay Rathi	श्वेता संजय राठी	CE	03/04/2017	Optimal Sensor Locations in Water Distribution Network Using Genetic Algorithm for Regular Water Quality Monitoring and Contamination Detection Including Application to Pressure Deficient Networks	Dr. R. Gupta
21.	Satish Khushalrao Bhele	सतिश खुशालराव भेले	ME	10/04/2017	Combustion Studies of Biodiesel and Its Blends for Tubular Combustion Chamber	Dr. N. V. Deshpande Dr. S. B. Thombare

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22.	Abdy Sayyed Mohd Abbas Haider	आब्दी सैय्यद मोहम्मद अब्बास हैदर	CE	18/04/2017	Study of Node Flow Analysis for Improved Design of Water Distribution Networks Using Genetic Algorithm	Dr. R. Gupta
23.	Kalpana Rajesh Yeole	कल्पना राजेश येवले	CM	03/05/2017	Study on Reactive Separations	Dr. D. Z. Shende
24.	Vipin Bhaskarrao Gawande	विपीन भास्करराव गावंडे	ME	08/05/2017	Effects of Rib Shape on Thermo Hydraulic Performance of Roughened Solar Air Heater	Dr. A. S. Dhoble Dr. D. B. Zodpe
25.	Rajshri Jeetendra Satputaley	राजश्री जितेंद्र सातपुतळे	EE	08/05/2017	Some Techniques to Improve Power Quality Using Five Level TCHB Based DVR	Dr. V. B. Borghate
26.	Amrendra Matsa	अमरेंद्र मत्सा	EE	08/05/2017	An Improved Synchronous Vector Control of Multi-Level Inverter for AC Grid Applications	Dr. Mrs. M. A. Chaudhari
27.	Sapana Sonmath Madan	सपना सोमनाथ मदान	CM	17/05/2017	Controlled Synthesis and Application of CaO <sub>2</sub> Nanoparticles as an Adsorbent for Batch and Continuous Removal of $\alpha$ -Toluic Acid from Aqueous Solution	Dr. K. L. Wasewar
28.	Mahesh Hemshankar Pandya	महेश हेमशंकर पंड्या	EE	02/06/2017	Capacity Augmentation and Efficiency Improvement of Three-Phase Distribution Lines through Distributed Energy Resources	Dr. M. V. Aware
29.	Shelas Sathyan	षेलस सत्यन	EE	16/06/2017	Soft Switched High Voltage Gain DC/DC Converters for Distributed Generation	Dr. H. M. Suryawanshi
30.	Ramakant Surendra Ingole	रमाकांत सुरेन्द्र इंगोले	CE	23/06/2017	Adsorptive Removal of Phenol From Aqueous Solution Using Low Cost Adsorbents	Dr. D. H. Lataye
31.	Tauseef Ahmad Ansari	तौसीफ अहमद अंसारी	CE	25/06/2017	Groundwater Modeling in Urban Areas for Recharge Characterisation Using Geoinformatics Approach	Dr. Y. B. Katpatal Dr. A. D. Vasudeo
32.	Mohan Purushottam Thakre	मोहन पुरुषोत्तम ठाकरे	EE	03/07/2017	Some Studies on Effect of Compensation Devices on Distance Protection of Transmission Line	Dr. V. S. Kale

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33.	Tausif Diwan	तौसिफ दिवान	CS	12/07/2017	Parallelization of Dynamic Programming Algorithms on Multicore and Manycore Architectures	Dr. S. R. Sathe
34.	Ashish Premkishor Khatri	आशिष प्रेमकिशोर खत्री	AM	19/07/2017	Buckling Analysis of Prestressed Steel Beams	Dr. L. M. Gupta
35.	Manojkumar Maroti Jadhao	मनोजकुमार मारोती जाधव	CH	19/07/2017	Physicochemical Characterization of Potential Bioinorganic Small and Macro Molecules in Biomimetic Nano-Environments	Dr. S. K. Ghosh Dr. C. Das
36.	Perna Saxena	प्रेरणा सक्सेना	EC	25/07/2017	Nature Inspired Optimization to Improve Pattern Synthesis of Linear Antenna Arrays	Dr. A. G. Kothari
37.	Swati Hira	स्वाती हीरा	CS	27/07/2017	Inferring Causal Relationships by Using Intelligent Multidimensional Modeling on Economic Data	Dr. P. S. Deshpande
38.	Yogesh Narayanrao Tatte	योगेश नारायणराव तट्टे	EE	31/07/2017	Improved Direct Torque Control of Five- Phase Induction Motor	Dr. M. V. Aware
39.	Prasad Vijay Kane	प्रसाद विजय काणे	ME	01/08/2017	Experimental Investigations for Intelligent Fault Diagnosis of Gearbox	Dr. A. B. Andhare
40.	Isha Purnachandrababu Khedikar	ईशा पूरणचंद्रबाबू खेडीकर	CE	03/08/2017	Feasibility Studies on Solar Disinfection (SODIS) of Grey Wastewater	Dr. A. R. Tembhurkar
41.	Prasad Arvind Venikar	प्रसाद अरविंद वेणीकर	EE	17/08/2017	Condition Monitoring Techniques for the Diagnosis of Incipient Faults in Transformer	Dr. M. S. Ballal, Dr. B. S. Umre
42.	Shrikant Somaji Raut	श्रीकांत सोमाजी राऊत	PH	10/08/2017	Synthesis, Characterization and Supercapacitive Performance of Fe, Zn and Co based Metal Oxide Thin Films	Dr. B. R. Sankapal