

K. J. Somaiya College of Engineering, Mumbai-77

(Autonomous College Affiliated to University of Mumbai)

Department of Mechanical Engineering

Class: M. Tech CCR- Batch : 2016-2018

Sr. No.	Roll No.	Student Name	Dissertation Title	Thrust Area	Internal/External	Affiliation	Name of Guide
1	1605001	Divate Nikhil Sunil Nalini	Design and Prototype of Robot for Noise level monitoring of Coal Conveyor Bearings	Robotics	External	Tata Power - Mumbai	Sangita Bansode Amit Patel
2	1605002	Jadav Shaishav Milankumar Meenaben	Design and fabrication of abrasive air jet machine for profile cutting using sea sand as abrasive.	Manufacturing	Internal		R.R.Lekurwale
3	1605003	Jagtap Kailas Subhash Sushila	Experimental & Numerical study of Base drag reduction using Locked Vortex Flow management technique	CFD	External	ARK Ansys-Bangalore	S R Narsimha Mr. Karthik Sundarraaj
4	1605004	Kholamkar Akshay Bhaskar Sunanda	Design, Analysis and Navigation Control for Underwater vehicle	Robotics	External	Tata Power - Mumbai	N S Chandrashekar V.S.Narwane Amit Patel
5	1605005	Kumawat Vikesh Puranmal Santoshdevi	Design and Prototype of Robot for Thermal Monitoring of Coal Conveyor Bearings	Robotics	External	Tata Power-Mumbai	Sangita Bansode Amit Patel
6	1605006	Lohar Vinayak Rajaram Surekha	Development of Micro-Dermatoscope Used in Diagnosis of Skin Diseases	Bio medical	Internal	Betic in collaboration with IIT	Ramesh Lekurwale Sonali Patil
7	1605007	Misal Pravin Shravan Sushila	Design and testing of solutions to overcome the printing limitation in DLP and FDM technology.	Rapid proto type	Internal		N S Chandrashekar V.S.Narwane Amit Patel

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8	1605008	Modi Fenil Narendrakumar Bhavnaben	Design & computational analysis of a 2D H Darrieus type vertical axis wind Turbine	FEA- CFD	External	Zeus Numeric - Pune	N R Gilke C.B. Manjunath
9	1605009	Nadar Anish Thangaswamy Valsalal	Condition monitoring of rolling element bearing using Acoustic analysis	FEA	Internal	Internal	S R Narsimha
10	1605010	Patel Nischal Deepakkumar Anjana	Semi-Autonomous Vehicle-Aided Dam Intake Tunnel Inspection	Robotics	External	Tata Power - Mumbai	N S Chandrashekar V.S.Narwane Amit Patel
11	1605011	Pawar Rahul Suresh Ranjana	Design & CFD Analysis of Flat Disc Aero spike	Computational fluid dynamics	External	Zeus Numeric - Pune	N R Gilke Vivek Warade
12	1605012	Rege Prathamesh Milind Madhuri	Design, analysis and control of pipe robot for inspection and detection of surface defects of inner lining of large diameter pipes	Robotics	External	Tata Power - Mumbai	N S Chandrashekar V.S.Narwane Amit Patel
13	1605013	Sarode Akshay Gopal Vidya	GUI-based inspection of defects of CW conduits using robotic pipe inspection device	Robotics	External	Tata Power- Mumbai	N S Chandrashekar V.S.Narwane Amit Patel
14	1605014	Shaikh Asif Rashid Surruiyya	Furnace temp controller using PID and Fuzzy controller	Automation - Mechatronics	Internal		V S Narwane
15	1605015	Tagare Anurag Sudhir Varsha	Development of Safer Craniotomies for Skull Cutting	Bio medical	Internal	Betic - collaboration with IIT	Ramesh Lekurwale Sujata Pathak
16	1605016	Thete Prasad Vasant Lata	Simulation of Manufacturing Shop to Increase Throughput	Simulation	Internal		Ramesh Lekurwale V.M.Pawar