

**M-TECH MACHINE DESIGN PROJECT BATCH 2015-17**

| <b>Sr. No.</b> | <b>Name</b>                     | <b>Title</b>   | <b>Guide Name</b>                 |
|----------------|---------------------------------|--|-----------------------------------|
| 1              | BUGADE CHAITANYA MANOHAR        | Internet of Things Augmented CNC turning lathe   | Dr.R.B.Buktar                     |
| 2              | GIRKAR RAHUL SATAPA             | Leak tightness analysis of bolted flange joint of heat exchanger under different thermal loadings (FEA approach) | Prof.D.N.Jadhav/<br>Dr.N.R.Raykar |
| 3              | KANNUKKADAN GEORGENA BABY       | Internet of Things for remote maintenance  | Dr.R.B.Buktar                     |
| 4              | KHAMKAR AMOL PURSHOTTAM         | Design and manufacturing of SPM, Bimetal to Copper Braid welding, with auto loading of Bimetals                  | Dr.S.B.Rane                       |
| 5              | KSHIRSAGAR MAHESH PARMESHWAR    | Fracture study on component in presence of residual stresses   | Prof.D.N.Jadhav/<br>Dr.N.R.Raykar |
| 6              | MORE KIRAN RAVINDRA             | Tolerance analysis of revolute joint in four bar mechanism and effect of tolerance on dynamic propreties         | Dr.S.B.Rane                       |
| 7              | PATIL PRAVINKUMAR HIMMATRAO     | Analysis of Crack Propogation in nozzle of pressure vessel   | Prof.D.N.Jadhav                   |
| 8              | SAHANE DHIRAJ NIVRUTTI          | Fracture analysis in kucle joint of tractor trolley  | Prof.D.N.Jadhav                   |
| 9              | SIDDIQUI AMIR HAMZA NAZIR AHMED | Fatigue Testing of Composite Materials   | Prof.D.N.Jadhav/<br>Dr.N.R.Raykar |
| 10             | UTKEKAR RAVIKANT RAJABHAU       | Wind energy based reverse osmosis system for desalination of sea water   | Prof.D.N.Jadhav/<br>Dr.N.R.Raykar |
| 11             | WADKAR CHETAN SHAM              | reverse engineering and product developement of vegetable kitchen slicer   | Dr.R.B.Buktar                     |
| 12             | WAKCHAURE ROHIT BAPUSAHEB       | Fracture assessment of pipes under cyclic loading  | Prof.D.N.Jadhav                   |
| 13             | MANEKAR CHINMAY MOHAN           | Fatigue analysis of coke drum hot box  | Prof.D.N.Jadhav                   |
| 14             | DADWANI HIMANSHU VASUDEO        | Internet of Things for CNC milling machine   | Dr.R.B.Buktar                     |
| 15             | INAMDAR REHAN MD. YUNUS         | Reliability assessment and Improvement of Flux Shift Device  | Dr.S.B.Rane                       |
| 16             | KAMBARI NARESH ASHOK            | Reliability assessment and improvement of gearing system of electrically operated mechanism for MCCB             | Dr.S.B.Rane                       |