

STUDENT PROJECTS (MECHANICAL) FOR THE YEAR 2016-17

Sl No	Title of the project	Guide	Remarks
1	Automated Grading of Areca nut using image processing and lab view	Prof. Ajit Salunke	Carried out in collaboration with ICAR, Goa
2	Device to evaluate compressive/Fracture strength of seeds &nuts using Labview	Prof. Ajit Salunke	
3	Design and Fabrication of Brake operated inbuilt Hydraulic Jack Mechanism for Automobiles	Prof. Suraj Marathe	
4	Reduction of cycle time & man power of tyre venting process by automation in MRF Pvt. Ltd	Prof. Suraj Marathe	
5	Design and Fabrication of Pneumatic paper stamping machine	Dr. Pravin K. Verekar	
6	Investigation of Aerodynamic forces acting on Bluff and streamlined Bodies	Dr. Pravin K. Verekar	
7	Design and study on insertable tooth Gearing	Prof. Avil D'sa	
8	Power Recirculating type accelerated gear test rig	Prof. Avil D'sa	
9	Study of relation between the strain pattern and visualization effects on sheet metal panels	Prof. Sachin Turi	
10	Onboard wheel Alignment detection system	Prof. Sachin Turi	
11	Solar powered atmospheric water condensation using vortex tube	Prof. Chetan Gaonkar	
12	Design and testing of De-Laval nozzle for subsonic flow	Prof. Chetan Gaonkar	
13	Design and automation of air-fuel mixing Device for pulverized coal fired boiler	Prof. Sharad Shanbag	