

**STUDENT PROJECTS (MECHANICAL) FOR THE YEAR 2018-19**

SI No	Title of the project	Guide	Remarks
1	Under water Acoustic Analysis of noise generated by propeller	Dr. Pravin Verekar	
2	Effect of Aspect ratio and flexibility on the dynamics of flapping foils	Dr. Pravin Verekar	
3	Design and fabrication of solar panel cleaning robot	Prof.Ajit Salunke	
4	Solar powered plant trimming machine	Prof.Ajit Salunke	
5	Analysis and optimization of P-T parameters in an Automated hydraulic die casting process	Prof.Suraj Marathe	
6	Design and fabrication of glass powdering and grading machine for various industrial applications	Prof.Suraj Marathe	
7	Design and fabrication of plastic bottle crushing and recycling machine	Prof.Avil Dsa	
8	Design and testing of gear teeth with I section for improved strength to weight ratio	Prof.Avil Dsa	
9	Automated weld slag cleaning machine	Prof.Sanjeel Naik	
10	Design and fabrication of crayon labeling machine	Prof. Chetan Gaonkar	
11	Development of a platform with stabilization and control Mechanism	Prof.Ramnath Prabhu	
12	Design and fabrication of mechanism for cleaning sewerage system	Prof.Sachin Turi	
13	Biomimetic actuation using shape memory alloys	Prof. Tanay Rege	
14	Production and characterization of fuel derived from plastics	Prof. Sharad Shanbag	
15	Rod bending machine for variable stirrup sizes	Dr. H.K Amarnath	
16	Design and fabrication of cashew fruit Processor for segregation of nut, nectar and roughage	Prof. Ishan Kossambe	Encouragement Award at All <b>Goa Innovative Project Competitions</b> organised by <b>GCCI</b>