

**GOVERNMENT POLYTECHNIC BALASORE**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



**PROJECT NOTICE**

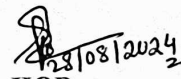
**Notice No. 151 Date: 28/08/2024**

All the students of the 5<sup>th</sup> semester are hereby informed to make project group, and give their project details which includes Project title, name of students in the group and guide name **on or before 03/09/2024**. Students failing to submit these details will not be allowed to appear in semester examination.

The Project work duration shall cover 2 semesters (5<sup>th</sup> and 6<sup>th</sup> sem). All the students need to study literature, any existing system and then define the objectives of the project. At the end of Project Phase-I in 5<sup>th</sup> semester there shall be one presentation by each group. In Phase-II execution of work and documentation has to be complete.

Suggestive areas of project work can be taken reference from course curriculum provided by SCTE&VT, Odisha as below.

Automobile based projects.	Hydel power dam.	Hybrid motorbike.
Refrigeration based & Air conditioning based projects.	Cooling tower	Any other areas found suitable.
Hydraulic control & Pneumatic control based automation projects	Solenoid based hammer.	Torque testing machine.
Fabrication based projects.	Unmanned railway crossing.	Spring testing machine
Wind mill	Engine based air compressor	Mechanical sanitizer
Solar energy based projects	Mobile all round year air conditioner	Solar powered refrigerator
Thermal power plant using steam.	Driverless car.	Door opener

  
28/08/2024  
HOD  
Mechanical  
G.P Balasore