

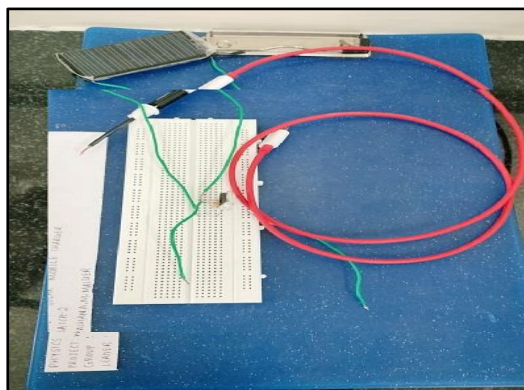
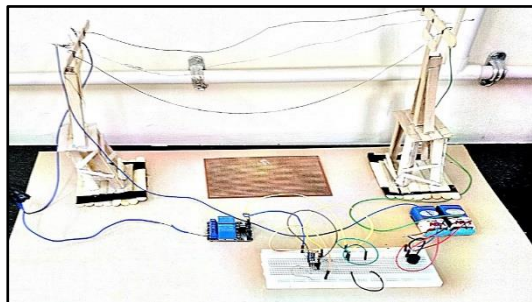
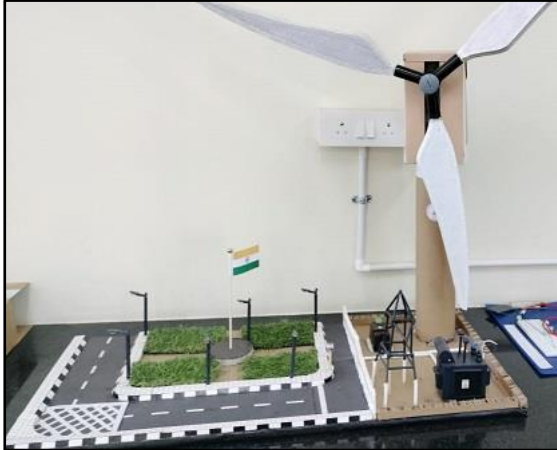


JSS Academy of Technical Education
Bengaluru
Department of Physics

Skill Lab Report

Department of Physics has initiated skill lab for Academic Year 2022-23 (1st Semester). All the students (EC”A”, EC”B”, EC”C, EIE, ME&RA and Civil) have actively participated and total 19 projects have been received under the supervision of faculty members of Physics Department. They have submitted a brief report of the project to the respective faculty members. The title of the projects is mentioned below:

Sl.No.	Title	Branch	Faculty
1	Faults in the line: Detecting Transmission line faults	EC “A”	Mr.Mohanakumara LB
2	Water level Indicator		
3	Smart Door Locker		
4	Fire Alarm		
5	Mini Power Box Inverter	EC”B”	Mr.Mohanakumara LB
6	Laser Trip Wire Security Alarm System		
7	3D Hologram		
8	Clapping Switch Experiment	EC”C”	Dr. Abhilasha Singh
9	Black Box Experiment		
10	I-V Characteristics of Zener Diode		
11	Obstacle Avoiding Robot		
12	Anti Sleep glasses	EIE	Dr. Abhilasha Singh
13	Solar Mobile Charger		
14	Electric Table Fan		
15	Smart Blind Stick		
16	Silicon Dioxide Nanoparticles	ME & RA	Dr. Prasanna Kumar S
17	Aerogenerator		
18	Mobile Charging using Solar Energy		
19	Homemade Lidar Sensor	Civil	Dr.Shashidhar R



Skill Labin charge
Dr.Abhilasha Singh

HOD Physics
Dr.Shashidhar R