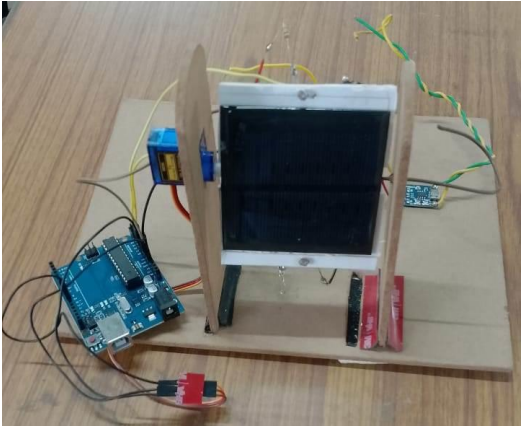
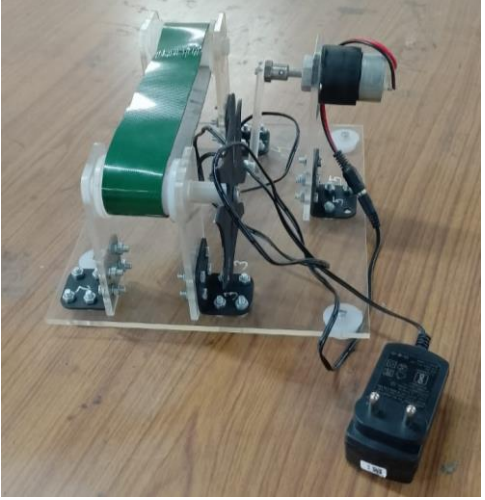
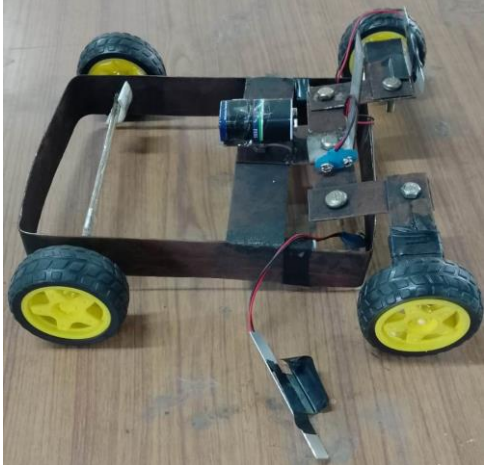
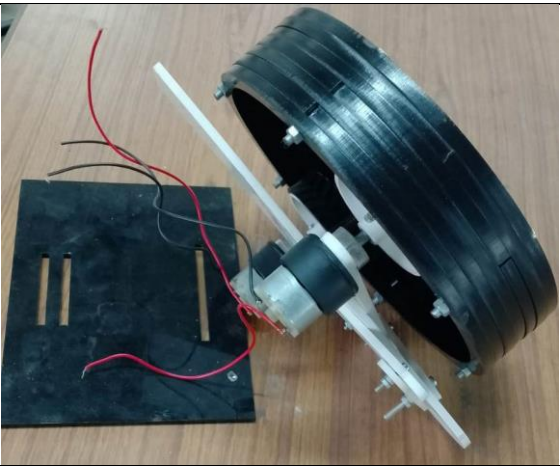

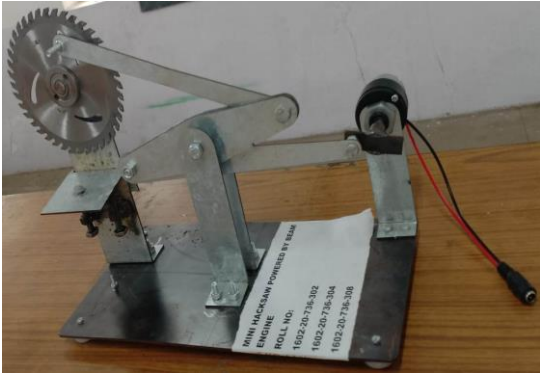

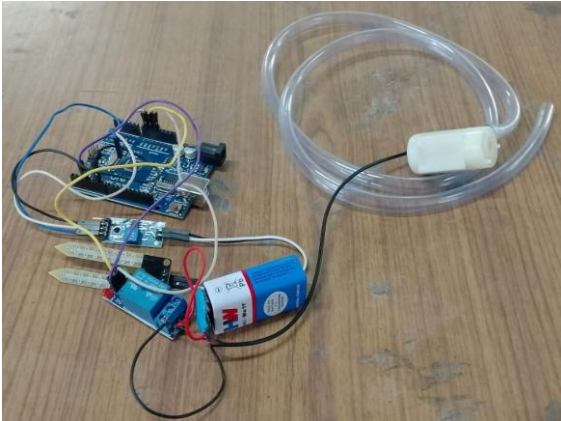

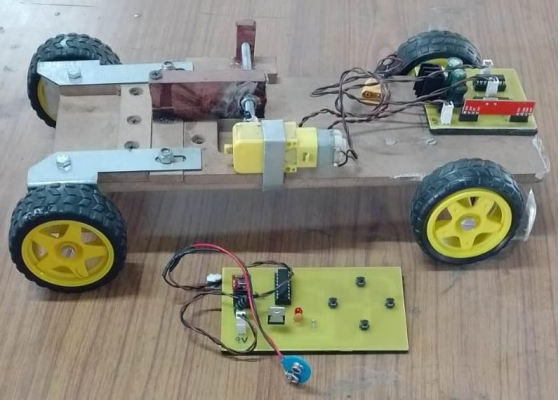




Project Based Learning

S.no	Title of Theme Based Project	Guide Name	Photograph of the Prototype/Project
1	Sun Tracking solar panel	Dr. CH KNSN MOORTHY	
2	Mini conversion using Geneva Mechanism	Mr. S. Sree Krishna	

3	Fabrication of Dynamic Assist Lighting	Mr. K. Veladri	 A small four-wheeled robot with a motor and a light strip. The robot has a black frame, four black wheels with yellow hubs, and a motor mounted on top. A light strip is attached to the front of the robot.
4	Regenerative Braking system	Mr. M. Venu Gopal Reddy	 A motorized wheel assembly with a sensor. The assembly consists of a black motor, a white sensor, and a black wheel. The sensor is mounted on a white rod that passes through the center of the wheel. The entire assembly is mounted on a black base plate.
5	Fabrication of wave energy converter	Dr. S. Venkataiah	 A wave energy converter mechanism. The mechanism consists of a black metal frame with a horizontal beam. A motor is mounted on the beam, and a green LED light is attached to the motor. The mechanism is designed to convert wave energy into electrical energy.

6	Mini Hacksaw Powered by Beam Engine	Mr. B. Sandeep	
7	Power Generation using Electro magnetic suspension system	Mr. T. Krishna Chaitanya	
8	IOT Based Smart Irrigation system	B. Sandeep	
10	Drip Irrigation using solar panel	Mr. T. Krishna Chaitanya	

<p>11</p>	<p>Design & Fabrication of Remote control power steering mechanism</p>	<p>Dr. S. Venkataiah</p>	
<p>12</p>	<p>Self balancing Two wheeler Vehicle using Gyroscope</p>	<p>Dr. J. Anjaneyulu</p>	
<p>13</p>	<p>Fabrication of Mini Belt Grinder</p>	<p>Dr. K. Kishore</p>	

14	Design & Fabrication of Delta Robot mechanism	Dr. J. Anjaneyulu	 <p>The image shows the disassembled components of a delta robot. It includes a central motor with a black housing and several colored wires (red, orange, yellow, green, blue, white). There are also several black plastic and metal parts, including a central hub, three arms, and three end-effectors, all laid out on a light-colored wooden surface.</p>
15	Line Follower Robot	Mr. M. Venu Gopal Reddy	 <p>The image shows a line follower robot. It is a small, rectangular device with a pink top cover and a white base. It has two black wheels and a sensor array (likely an IR sensor) mounted on top. The robot is connected to a power source and a microcontroller board (likely an Arduino) via wires. It is resting on a wooden surface.</p>
16	Mini Hacksaw Powered by Beam Engine	Mr. S. Sree Krishna	 <p>The image shows a mini hacksaw powered by a beam engine. The hacksaw has a green frame and a silver blade. The beam engine is a small, green, mechanical device that provides the power to the hacksaw. The entire assembly is connected to a power source and is resting on a wooden surface.</p>

17	Automated Pneumatic Press Machine	Dr. K. Kishore	
18	Rain Protector for premature crop	T. Krishna Chaitanya	

19

Electro magnetic crane
machine 360 degree
rotator

Dr. J. Anjaneyulu

