

Sponsored Projects (Academic Year 2018-19)

1. Design and development of Thermo Acoustic Refrigerator

Funded By: ISHRAE ISPG-UG

Amount: Rs. 49,000/-

Student Leader: Mr. Ronak Patel

Faculty Mentor: Dr. V. N. Singh, Prof. S. Y. Rajput

Sponsored Projects (A.Y. 2019-20)

1. Design and development of 100w proton exchange membrane fuel cell

Funded By: SSIP, Gujarat

Amount: Rs. 65,500/-

Student Leader: Rajapara Maulik

Faculty Mentors: Dr. V. N. Singh, Prof. N. V. Parmar

2. Manual Controlled Electric Operated Rover for Agricultural Purpose

Funded By: SSIP, Gujarat

Amount: Rs. 31,200/-

Student Leader: Ranpariya Sachin

Faculty Mentor: Prof. Mitul Malli, Prof. V. J. Bankar

3. Prototype development of CNC Plasma arc cutting machine for circular components

Funded By: SSIP, Gujarat

Amount: Rs. 20,000/-

Student Leader: Mr. Chauhan Raj

Faculty Mentor: Dr. Y. D. Patel

4. Development of 3D Printer

Funded By: SSIP, Gujarat

Amount: Rs. 15,500/-

Student Leader: Mr. Mohammed Varis

Faculty Mentor: Dr. Y. D. Patel

5. Design of PLC Based Fixture for Drilling Machines

Funded By: SSIP, Gujarat

Amount: Rs. 5,000/-

Student Leader: Mr. Mohit Naik

Faculty Mentor: Prof. V. J. Banker

6. Development and Testing of Waste Plastic Pyrolysis System

Funded By: SSIP, Gujarat

Amount: Rs. 40,000/-

Student Leader: Mr. Asim Tailor

Faculty Mentor: Prof. B. J. Sheth, Prof. M. H. Thakkar

7. Gyroscopic Coupled Hobermansphere as Safety System for Quadcopter

Funded By: SSIP, Gujarat

Amount: Rs. 21,000/-

Student Leader: Mr. Purvang Patel

Faculty Mentor: Dr. Y. D. Patel

Sponsored Projects (A.Y. 2020-21)

1. Numerical Simulation & Experimental Analysis of 3-D Printed Stack for Performance enhancement for Different gas Medium in Standing Wave Thermo acoustic Refrigerator.

Funded By: SSIP, Gujarat

Amount: Rs. 18,000/-

Student Leader: Mr. Ronak Patel

Faculty Mentor: Dr. M. I. Shah

2. RSE320 Advanced strategic and rescue vehicle

Funded By: SSIP, Gujarat

Amount: Rs. 15,000/-

Student Leader: Mr. Roque Sando Vilanculo

Faculty Mentor: Dr. K. J. Shah