

R&D Cell funded and completed projects (2015-16)

This year, 21 project proposals were submitted from various departments seeking R & D funding. Out of which, eight projects were approved for funding after review.

The following is the list of sanctioned projects:

1) Title of the project: Production of low temperatures using Peltier effect

Project team: 1. Md. Aslam Sohail (1604-12-736-023) 2.Md. Abdul Hafeez (1604-12-736-028) 3. Md. Hammad (1604-12-736-038) 4. Md. Firasat Ali Zahed (1604-13-736-040)

Project guide: Dr. M. Sowjanya, Asst. Prof., MED

Sanctioned amount: Rs.40,000/-



Fig.1 Experimental set-up with (a) Electrical circuit connections (b) transformer, modules, heat-sink and container connections

2) Title of the project: I. Solar powered Auto rickshaw (MED)

II. Design optimization and development of Solar Motorcycle

Project team I: 1. Shaik Rauhon Ahmed (1604-13-736-065) 2. Syed Qurram Zeeshan (1604-13-736-072) 3. Mohd. Ibrahim Ali (1604-13-736-078)

Project guide I: Prof. A. S. Reddy, Professor, MED





Solar powered auto rickshaw

Project team II: 1. Syed Fareeduddin (1604-12-736-019) 2. Shaik Shafisuhail (1604-12-736-025) 3. Mohammed Khizar ahmed (1604-12-736-039)

Project guide II: Mrs. O. Hemalatha, Asst. Prof., MED

Sanctioned amount: Rs.60,000/-

3) Title of the project: Experimental Investigation of dynamic behaviour of structure using magneto-rheological fluid dampers

Project team: 1. Shuaib ur Rahman (1604-12-736-086) 2. Shaik Azeem (1604-12-736-088) 3. Krishna Chaitnaya (1604-12-736-081) 4. Deepak Reddy (1604-12-736-108)

Project guide: Mrs. G. Sailaja, Asst.Prof., MED

Sanctioned amount: Rs.50,000/-



Experimental Investigation of Dynamic Behaviour of a structure using Magneto rheological dampers

4) Title of the project: Influence of degassing effect on quality of Aluminium alloy castings

Project team: 1. Md. Abdul Rahim Siddiqui (1604-13-736-004) 2. Nabeel Akber (1604-13-736-006) 3. Moin Afzal(1604-13-736-007) 4. Md. Saaduddin (1604-13-736-010)

Project guide: Mr. Viqar Mohiuddin, Assoc. Prof., MED

Sanctioned amount: Rs.38,575/-

5) Title of the project: Biodiesel Extraction – Phase 4

Project team: 1. Shaik Rauhon Ahmed (1604-13-736-065), Mohd. Misbahuddin Juniad (1604-13-736-098)

Project guide: Dr. M.G. V. Satyanarayana, Asst. Prof., Department of Chemistry

Sanctioned amount: Rs35,000/-

6) Title of the project: Automated Guided Vehicle

Project team: 1. Syed Fareeduddin (1604-12-736-019) 2. Mohd. Mukram (1604-12-736-048) 3. Qamar Pasha(1604-12-736-010) 4. Mohammed Imaduddin Siddique(1604-13-736-068) 5. Shaik Shafi suhail (1604-12-736-025) 6. Humair Ahmed (1604-12-735-022) 7. Samreen Sultana(1604-13-735-007) 8. Ghazala Anjum (1604-13-735-001) 9. Mohammed Haseeb (1604-13-739-029) 10. G. Vineeth (1604-13-735-047)

Project guides: Mr. Mohammed Arifuddin Sohel, Assoc. Prof., ECED 2. Mr. Ferhatullah Hussainy, Dean (Administration), MJCET

Sanctioned amount: Rs.30,440/-



Automated Guided Vehicle

7) Title of the project: Design, Analysis and Development of prototype 30 KVAR STATCOM

Project team and Project guides: 1. Mr. J. V. R. Vithal, Assoc. Prof., EED 2. Mr. K. Mohammed Rafi, Asst. Prof., EED

Sanctioned amount: Rs. 3,92,000/-

8) Title of the project: Smart Street Ligthing

Project team: 1. Narne Namratha Chowdary(1604-12-734-004) 2.Nimrah Sultana(1604-12-734-005) 3, Shazia Nikhath(1604-12-734-006)

Project guide: Mrs. Aijaz Fatima, Asso. Prof., EED

Sanctioned amount: Rs. 16,900/-