

12th SCREENING COMMITTEE MEETING 2014
STUDENT PROJECT
Sanctioned Projects 20.09.2014

| Sl No | File No | Name of Principal Investigator | Name of Student Investigators | Title of Project | Department | Amount |
|-------|---------------|--|---|---|------------|--------|
| 1 | C1/SP270/2014 | Dr.Sindhu R Professor and Head of Electronics and Communication NSS College of Engineering Palakkad Phone:09497355417 Email:rsindhu@gmail.com | Mitha T P Dheeraj Sreejith K M Ajith K Vineeth Suresh | INTEL-EV(The Intelligent Home) | EC | 46,850 |
| 2 | C1/SP271/2014 | Dr.Sindhu R Professor and Head of Electronics and Communication NSS College of Engineering Palakkad Phone:09497355417 Email:rsindhu@gmail.com | Sruthi M P Sruthi P M Suvarna parvathy K V Vidya K V | Study on Effect of Handover Performance in Mobile Wimax | EC | 21,625 |
| 3 | C2/SP253/2014 | Shri.Anjan R Nair Asst.Professor in Mechanical Engineering Govt.College of Engineering Kannur Phone:9446536920 Email:anjanrn@gmail.com | Deepak Raj Ajith kumar S Pranoy S Akhil K | Library Automation | ME | |
| 4 | C2/257/2014 | Shri.Anjan R Nair Asst.Professor in Mechanical Engineering Govt.College of Engineering Kannur Phone:9446536920 Email:anjanrn@gmail.com | Irfan M Jishin Jayaraj Jishnu Janardhanan Muhammed Ramshad E P Sajesh K V | Design , Fabrication, Testing of Lockwood –Hiller Model Pulsating Jet Engine | ME | 50,000 |
| 5 | C2/SP254/2014 | Shri. Jose M J Asst.Professor in Mechanical Engineering Govt.College of Engineering Kannur Phone:7559876246 Email:josemjith@gmail.com | Sandeep K R SarathK Nithin P Muhammed Sinan K | Bio MIMIC OF ARCTIC TERN | ME | 50,000 |

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| | | | Vishnu Prasad K Mohammed Abdulrahiman K M | | | |
| 6 | C2/SP255/2014 | Shri.Dhanesh Chatta Asst.Professor in Mechanical Engineering Govt. College of Engineering Kannur Phone:944744885 Email:dhaneshchatta@gmail. com | Achuth Sreenivas Amal Jacob Sumil CK Nithin K Nithin N | Design, Development and Flow Visualization of Expansion Deflection nozzle and dual bell nozzle | ME | 50,000 |
| 7 | C1/SP263/2014 | Dr.Selvakumar A Asst.Professor in Mechanical Engineering Govt. Engineering College Palakkad Phone:9995029480 Email:selshasan@gmail.com | Abijith K Jacob Jishnu C | Fabrication and Testing of Porous Structures | ME | 50,000 |
| 8 | C2/258/2014 | Shri.T.Valsalan Professor in Electrical Engineering Govt.College of Engineering Kannur Phone:9446776932 Email:tvalsalan@yahoo.co.in | Anirudh P Amna Haneefa Mariya Fasvi P Roshna Balarishnan Vineeth V | Intelligent Starter for Induction Motor | EE | 35,000 |
| 9 | C2/SP259/2014 | Smt. Sangeetha K Asst.Profesor in Electrical Engineering Govt. College of Engineering Kannur Phone:9496236459 Email:sangeethaprased@gmail.com | Adeeb Salam Akhil K Amal K Shaeed Backar U.P Abhijith | High Impedance Fault Detector for Radial Secondary Distributors | EE | 50,000 |
| 10 | C2/SP260/2014 | Shri.Abdul Kareem P.V Asst.Profesor in Electrical Engineering Govt. College of Engineering Kannur Phone:8301858757 Email:kareempv@gmail.com | Arjun T.C Arti Pal Greeshma K S MidhunRaj M C Vishnu Devan T | GSM Based Substation Automation with Automatic Switching of Radial Feeders | EE | 50,000 |

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| 11 | C3/SP280/2014 | Dr. E.A Jasmin Associate Professor in Electrical Engineering Govt. Engineering College Thrissur Email:eajasmin@gmail.com Phone:9495465409 | AQnsa Pauly, Anagha Paleri Jeeva Varghese Dibin Mhan Eldho Jijo | Use of Super Capacitors to Enhance Charging Efficiency of PV System and to Mitigate Peak Demand at Households | EE | 50,000 |
| 12 | C1/SP227/2014 | Smt.Vasanthi V Associate Professor in Electrical and Electronics Engineering NSS College of Engineering Palakkad Ph one:9447202266 Email:vasanthivaishnav74 @yahoo.com | Deepak Geo Jose Ajith H Govind Dileep Harish S | Battery less Micro Grid Using Versatile Load Sharing Mechanism | EE | 50,000 |
| 13 | C1/SP264/2014 | Smt.Sruthy Manmadhan Asst.Professor in Computer Science N.S.S.College of Engineering Palakkad Phone:9496340418 Email:sruthym.88@gmail.co m | Mohammed Akzin K Arjun Das M Aleena Antony Aparna M Suhada U P | I-CARE System | CS | 45,000 |
| 14 | C2/SP262/2014 | Shri.Rafeeqe P.C Asst.Professor in Computer Science Govt. College of Engineering Kannur Phone:08056286403 Email:rafeeqpc@yahoo.co.in | Ramesh M Nikesh K P Sachin A Krishnakumar V | Raspberry Pi based Interactive Device Control using Web and Android | CS | 28,000 |
| 15 | C1/SP269/2014 | Dr. K.G Viswanadhan Professor in Mechanical Engineering NSS College of Engineering Palakkad Phone:9446238935 Email:kgv1964@yahoo.co.in | Anupam Skaria Sujeethkumar Suraj Antony Vishnuprasad K | Design and Fabrication of stair climbing wheel chair | ME | 50,000 |
| 16 | C1/SP269/2014 | Shri.Shijin Maniyath Asst.Professor in Mechanical Engineering College of Engineering Thalassery Phone:9747340689 Email:shijin777@gmail.com | Rahul Rajan Sarath N K Pramith M Arjun A S | Engine Efficiency Increasing System Using Compressed Air Produced Using Vehicle Suspension | ME | 50,000 |

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| | | | Vaisakh S S Arjun Krishna | | | |
| 17 | C2/SP276/2014 | Shri.Rajesh K Assistant Professor in Electrical Engineering Rajiv Gandhi Institute of Technology, Kottayam Phone:9495217416 Email:krajesh@rit.ac.in | Jeslin JacobM Asha Shibu Devi S Aparna B Ghosh | Human Powered Electricity Generation in manual treadmill- Design and Implementation | EE | |
| 18 | C2/SP277/2014 | Dr.Vinish V Nair Associate Professor in Civil Engineering Rajiv Gandhi Institute of Technology Kottayam Phone:9495496458 Email:vanish_nair@rediffma il.com | Dayal Kurian Varghese Anandu Aravind Arshik K Meera S Prasad | Design and fabrication of compact water treatment system for fluoride removal | CE | 50,000 |
| 19 | C3/SP244/2014 | Shri. Binu L.S Asst.Professor in Electronics and Communication College of Engineering Thiruvananthapuram Phone:9447343160 Email:binuls@yahoo.com | Anish Unnikrishnan M Anoop Ravindran Arjun Sreedhar Swaroop Varghese Kuruville | Electro- Milk Tester | EC | 41,150 |
| 20 | C3/SP224/2014 | Shri.James T.G Assistant Professor in Electronics and Communication College of Engineering Thiruvananthapuram Phone: 9847203796 Email: jamestgeorge@yahoo.com | Muhammed Rabin Jewel James Milena Lalan Sreejith S Noble Varghese | SOCIOBOTS- Swarm based robominions | EC | 50,000 |
| 21 | C3/SP279/2014 | Dr.K. Krishnakumar Professor in Mechanical Engineering College of Engineering Thiruvananthapuram Phone:9447254303 Email:kkrish9@yahoo.com | Alsoud Marakkar Arun Babu Anal Cyriac Sharmin K K | New Technology to Produce Electricity from river Water Flow | ME | 50,000 |

