

**7<sup>th</sup> SCREENING COMMITTEE MEETING 2012**  
**STUDENT PROJECT**  
**SANCTIONED PROPOSAL FOR JULY 2012**

Sl No	File No	Name of Principal Investigator	Name of Student Investigators	Title of Project	Amount
1	CERD/2012/SP76	Shri.Sudheer.V.R Assistant Professor in Electronics and Communication,College of Engineering, Perumon, Kollam	Rahul R Sekhar Vinod Kumar N Sen Kumar V	Safety Device for Railways and Roadways	50,000/- <b>Subject to Clarification</b>
2	CERD/2012/SP77	Dr.Baiju Basheer Assistant Professor in Mechanical Engineering, College of Engineering, Trivandrum	Azhar Ali M.A Sabith K.P	Sensor Mounted Quadcopter (A Mini Van)	50,000/-
3	CERD/2012/SP78	Shri.Sinith M.S Asst.Professor in Electronics and Communication, Govt.Engineering College, Idukki, Painavu	Noble Bright Ajmal M.A Krishnalal E.B Jijith M.S	Biometric Security System Using Speech Recognition	50,000/-
4	CERD/2012/SP79	Shri.A.R.Jayan Associate Professor in Electronics and Communication Govt.Engineering College, Palakad	Gireesh Kumar D Neethyu S.Lakshmi Sneha D.S Sujeesh V	Portable Data Handling Device For USB Pendrives	50,000/-
5	CERD/2012/SP80	Dr.V.I.Beena, Professor in Civil Engineering, Govt. College of Engineering, Kannur	Abdul Sathar A.P Aswathy .M Deepthi Krishnan.K Dilsha Rajan Keerthana.P Suhad.C.M	Ground Improvement using micropiles in weak soils around Kannur District	50,000/-
6	CERD/2012/SP81	Smt.Mrinalini.C.P Professor in Electronics and Communication, Govt.Engineering College, Palakad	Karthik K Mayur Krishnarjun A K Renjithn K.R Tiljo T R	Remote Controlled Green Mower	50,000/-

7	CERD/2012/SP82	Dr.Mahesh Kumar.P Asst.Professor in Mechanical Engineering, Govt.College of Engineering, Kannur	Dipin Kumar U Monisha Mathew Naveen M Nijeesh Narayanan Shijil Ramesh Shishirdas K.R	Comparative Study of Supersonic Nozzles with No-Conventional Cross Sections Against Conventional Ones using Flow Visualisation Techniques	50,000/-
8	CERD/2012/SP83	Shri.Dhanesh Chatta Assistant Professor in Mechanical Engineering Govt.College of Engineering Kannur	AAshir Ahamed Ashok Karthikeyan Fahad Abdul Azees Farhan Hashim Hashim Shibli Yathi Kani	Viability of Used up Vegetable oil as Bio Fuel in CI Engines	50,000/-
9	CERD/2012/SP84	Dr.Praveen.A Professor in Civil Engineering Rajiv Gandhi Institute of Technology Kottayam	Sooraj B Deepak Vijay Nithin Cherian Mathew Shibin P Shaji	Preparation of ward level seismic vulnerability maps for effective disaster mitigation	49,850/-
10	CERD/2012/SP85	Shri.Sajesh Kumar U Asst.Professor in Electronics and Communication, Govt.College of Engineering, Kannur	Midhun M.K Lithin K Nikhil K Ashwani Viswanathan	Multipurpose Robo Group	50,000/-
11	CERD/2012/SP86	Shri.Sreekumar.R Asst.Professor in Electronics and Communication, Govt.Engineering College, Idukki	Athira R. Krishna Haleemath P M Remya N R Swetha N	UnManned Mag –Lev Metro Train Prototype	50,000/-
12	CERD/2012/SP87	Shri.Sivakumar.R Asst.Professor in EC GEC, Idukki	Shamna T Ancymol N.P Semna K Meenukrishna K	RETINA BASED MOUSE CONTROL	48,000/-
13	CERD/2012/SP89	Shri.Anil Kumar.S Asst.professor in Computer GEC, Idukki	Amal. PM Rakesh K.R Rojan Danie Jose Vishnu M Santhosh	The National Rural Employment Guaranteed Act	50,000/-
14	CERD/2012/SP91	Shri.Anil Kumar.S Asst.Professor in Computer Science Govt. Engineering College, Idukki	Nikhil Dev.P.P Libin C.B Pranav P Malanthra Akash .J.P	Automatic Video Refining	50,000/-

15	CERD/2012/SP92	Shri. Unnikrishnan.K Computer Science Govt. Engineering College, Idukki	Alex Andrews Muhammed Rafi K P Navas P.K Subair TC	Web Based University Paper Evaluation Process	50,000/-
16	CERD/2012/SP93	Shri.James T.G Asst.Professor in Electronics and Communication College of Engineering, Trivandrum	Jyothir Rose k J Krishnent S Kumar Mahadev G Sreejesh P.S	Aerial Surveillance using Unmanned Aerial Vehicle	50,000/-
17	CERD/2012/SP94	Dr.Jayaprakash.P Asst.Professor in Electrical Engineering, Govt.College of Engineering, Kannur	Eldoe George Rejith R Mithun.K Deepak Pallath	Design, development and testing of a Z –source inverter based solar Photovoltaic powered street lighting system	40,000/-