

12th SCREENING COMMITTEE MEETING 2014
STUDENT PROJECT
Sanctioned Projects 19.09.2014

Sl No	File No	Name of Principal Investigator	Name of Student Investigators	Title of Project	Department	Amount
1	C3/SP222/2014	Mr. Jayakrishnaraj G Associate Professor in Electronics and Communication College of Engineering Thiruvananthapuram Phone:9447551866 Email:chandinigs2003@yahoo.co.in	Aditya V.C Ananthu Raj C M Deepak Venmkateswaran Chandykunju Alex	Advanced Drone Based Medical Aid System	EC	50,000
2	C3/SP245/2014	Smt.Reshmi S Bhooshan Asst.Professor in Electronics and Communication College of Engineering Thiruvananthapuram Phone:9495925443 Email:reshmibhooshan@gmail.com	Abid A Sharafali T.P Subin Ram Mohan Telwin Thomas	Smart Duct Crawler	EC	50,000
3	C1/SP220/2014	Dr. P.C.Reghuraj Professor in Computer Science Govt. Engineering College Sreekrishnapuram Palakkad Phone: 9447315446 Email: pcreghu@gmail.com	Kiran I K Neeraj K R Vinay Vinod Marar	Automatic Floor Cleaning Robot Based on Path learning and obstacle Avoidance	CS	50,000
4	C2/SP267/2014	Dr. Sobhana N V Professor in Computer Science Rajiv Gandhi Institute of Technology Kottayam Phone:9496123130 Email:hod.cse@rit.ac.in, sobhana.nv@gmail.com	Tinu Maria Jose Shiji Mariyam Mathew Apsara B.S Bhagyalakshmi Vijayan	Privacy – Preserving Public Auditing for Shared Data in the Cloud	CS	39,300
5	C1/SP228/2014	Dr. Leesha Paul Associate Professor in Electrical and Electronics Engineering NSS College of Engineering	Ramkumar M T Pranith Joy R Rajath Raendran Madhava Prasad P M Ranna C V	High Gain Transformerless Boost converter for solar power harvesting	EE	41,000

		Palakkad Phone:9495677407 Email: lishababuk@gmail.com				
6	C2/SP229/2014	Dr.Praveen A Professor in Civil Engineering Rajiv Gandhi Institute of Technology Kottayam Phone: 9495047173 Email:Praveen@rit.ac.in	Vibvek Devdas Sreeju R Nair Vineeth M Rohit Singh Sarrogi	Development of filter with anti- bacterial coating for removal of coliform bacteria from waste water	CE	39,500
7	C1/SP233/2014	Smt. Abjhasree S S Asst.Professor in Electrical Engineering College of Engineering Pathanapuram Phone:9539902029 Email:abjha1983@reddiff mail.com	Rojo Varghese Ram Kumar R Blesson S Leen Tinjo Thankachan Nineesha V M	Hybrid Power Generation Using Speed Breaker and Piezoelectric Material	EE	40,000
8	C1/SP236/2014	Smt. Abjhasree S S Asst.Professor in Electrical Engineering College of Engineering Pathanapuram Phone:9539902029 Email:abjha1983@reddiff mail.com	Namitha M.V Malu Balachandran Shipa Madhusoodhanan Juliet Eldo Amritha R M	Electrical Power Generation Using Railway Track	EE	40,000
9	C1/SP234/2014	Shri.Edwina G Rodrgues Asst.Professor in Electrical Engineering College of Engineering Pathanapuram Phone:9526391325 Email:gredwina@gmail.co m	Athul Kumar S	Microwave Power Transmission Method for Hybrid Power Plants	EE	50,000
10	C3/SP250/2014	Smt.Mini V.P Asst.Professor in Electrical Engineering College of Engineering Thiruvananthapuram Phone:9895904715 Email:miniivp@cet.ac.in	Asif PN Muhammed Basheer CP Minjal Rahman P Shaheer P T Vinod AP	Implementation of MPPT algorithm for PV arrays	EE	50,000

11	C1/SP235/2014	Shri.Muhammed Ameen Asst.Professor in Electronics and Communication College of Engineering Pathanapuram Phone:9496326560 Email:ameenea@yahoo.in	Pradeep S MuhammedSajid Vishnu S Nair Nandhu Binoy Adarsh Kumar Mishra	Localized Advertising	EC	48,000
12	C3/225/2014	Dr. Jiji C.V Professor in Electronics and Communion College of Engineering Thiruvanathapuram Phone:9497679489 Email:jijicv@gmail.com	Abraham Ivan Jithin George Linda joseph Sherin Haseena V K	Development of a Computational Camera for Automatic Motion and defocus deblurring	EC	50,000
13	C1/SP237/2014	Smt. Deepa R Asst.Professor in Civil Engineering College of Engineering Pathanapuram Phone:9446538386 Email:deepa.r.81@gmail.com	Reshma J I	Hospital Waste Water Treatment Using Advanced Oxidation Process	CE	50,000
14	C1/SP238/2014	Shri.Vaisakh G Asst.Professor in Civil Engineering College of Engineering Pathanapuram Phone:9656840794 Email:vaisakhg@gmail.com	Mohammed Salih P.V Midhun K.V Hassan Sabith Medha Panicker Drisya Mohan T	Experimental Study on the behavior of Self – curing High performance concrete	CE	50,000
15	C1/SP239/2014	Smt. Sivabala P Asst.Professor in Civil Engineering College of Engineering Pathanapuram Phone:9995207668 Email:sivabalavaisakh@gmail.com	Vishnu Murali	Experimental investigation on impact of quarry dust content on mechanical properties of high performance self-compacting concrete	CE	45,000
16	C1/SP273/2014	Shri.Shahas Asst.Professor in Civil Engineering College of Engineering Pathanapuram	Haseena V Naseebanoushin A Shadiha R	Effect of recycled glass powder as fine aggregate on mechanical	CE	40,000

		Phone:8281133973 Email:shahasshahul@gmail.com	Alina Anand Subhash K	properties of concrete		
17	C3/SP242/2014	Shri. Sajikumar K.S Assistant Professor in Mechanical Engineering College of Engineering Thiruvananthapuram Phone:9447699086 Email: sajikumarcet@gmail.com	Abhinand PM Arun A Sabu Athul Sasidharn Deepak P Babu	Automatic Reverse Braking Mechanism of a Car on Inclined Surface	ME	50,000
18	C3/SP223/2014	Shri. Sajikumar K.S Assistant Professor in Mechanical Engineering College of Engineering Thiruvananthapuram Phone:9447699086 Email: sajikumarcet@gmail.com	Anand Mohan Ajay Murali Gokul S Arun Krishna S S	Lower Extremity Exoskeleton for Enhancement of Human Mobility	ME	50,000
19	C3/SP249/2014	Dr.Ranjith S Kumar Asst.Professor in Mechanical Engineering College of Engineering Thiruvananthapuram Phone:9447295213 Email:ranjith@cet.ac.in	Nithin P Vinulal VK Vishnu Sajeevan	Fabrication of Micro fluidic Chip Using a Desktop Craft Cutter	ME	50,000
20	C3/SP251/2014	Dr.Ranjith S Kumar Asst.Professor in Mechanical Engineering College of Engineering Thiruvananthapuram Phone:9447295213 Email:ranjith@cet.ac.in	Jiphin M George Mathew John John A Raju Jithu Jacob	Design and development of peristaltic pump and flow meter for micro fluidic applications	ME	50,000

