

9th SCREENING COMMITTEE MEETING 2013
STUDENT PROJECT
SANCTIONED PROPOSALS FOR AUGUST 2013

Sl No	File No	Name of Principal Investigator	Name of Student Investigators	Title of Project	Department	Amount
1	CERD/SP125/2013	Dr. Ruby Abraham Professor in Civil Engineering College of Engineering Trivandrum Ph:9447583337 Email:rubiraju@yahoo.co.in	Anu Joseph Arakkal Jasheela Binuraj P R Darsana P Jithin Sarma	Development of Coir Fibre Reinforced Cement Concrete Roofing Tiles	Civil	50,000
2	CERD/SP126/2013	Shri. Sunil Kumar Asst.Professor in Electronics and Communication Govt. Engineering College, Idukki Phone:9447806446 Email:sunil_thodupuzha@yahoo.com	Akhil V S Nidhin I R Nithin Balu K Vasanth Mohan	Bilateral Converter to Interface Small Battery Energy Storage System with Micro Grid	EC	50,000
3	CERD/SP127/2013	Remesh Babu Assistant Professor in Computer Science Govt. Engineering College Idukki Phone:9895435562,9400782546 Email:remeshbabu@yahoo.com	Akhil P Bhavya Vinod Sarath C	META CRAWLER	CS	45,000
4	CERD/SP128/2013	Sreedevi G Assistant Professor in Electrical Engineering Govt. Engineering College, Idukki. Phone:9497489912 Email: sreedevig@yahoo.co.in	Saina K E Athira Madhusudhana Panicker Athira Subramanian Muhammed Shafeek VM	VEHICLE ACCIDENT ALERT and LOCATOR (VAAL)	EE	45,000
5	CERD/SP130/2013	Sivakumar R Assist. Professor in Electronics Govt.Engineering College Idukki Phone: 9447454377 Email:sivangeeci@gmail.com	Anita Antony Gargikrishna Reshma Rajilam Silpa M	Voice Operated Intelligent Lift or elevator	EC	50,000
6	CERD/SP131/2013	Smt. Mala J B Assistant Professor in Information Technology Govt. Engineering College,	Archana Radhakrishnan Chitra A Santhosh	Smart Security System	IT	50,000

		Idukki Phone:9747489340 Email: malajb83@gmail.com	Dhanesh K K			
7	CERD/SP132/2013	Shri. Premson Y Assistant Professor in Electronics and Communication Govt. Engineering College Idukki Phone:9497382764 Email:ypremson@gmail.com	Akhil P. G Anakha N A Sherry Gomez	Intelligent Solar Power Supply for Home	EC	50,000
8	CERD/SP133/2013	Shri. Indulal S Assistant Professor in Electrical Engineering College of Engineering, Thiruvananthapuram	Chandykundu Alex Arun Joseph Kevin Martin Jose	Wearable Sound localization and visualization device	EE	50,000
9	CERD/SP134/2013	Shri. Binu L S Assistant Professor in Electronics and Communication College of Engineering, Trivandrum Phone:9447343160 Email: binuls@yahoo.com	Ajay Krishnan R Aravind A R Aneesh P S Aman Kumar Sharma	Intelligent Wheelchair for Differentially Able	EC	46,500
10	CERD/SP135/2013	Smt. Reshmi L Bhooshan Assistant Professor in Electronics and Communication College of Engineering Thiruvananthapuram Phone:9495925443 reshmihooshan@gmail.com	Lia Joseph Praveen Sekhar Rajasree P R Rena Basheer Shebin Shefy	Multipurpose Wall Climbing Robot (Surface crack detection of concrete wall and Internal crack detection of steel Structures)	EC	50,000
11	CERD/SP136/2013	Shri. Binu L S Assistant Professor in Electronics and Communication College of Engineering, Trivandrum Phone:9447343160 Email: binuls@yahoo.com	Abhilash M Jos Jitin Joseph John K Joy Shonz George	Automatic PCB Drilling Machine	EC	46,500
12	CERD/SP137/2013	Dr. K G Viswanadhan Professor in Mechanical Engineering, N.S.S College of Engineering, Palakkad Email: kgv@nssce.ac.in kgv@nssce.ac.in	MadhusoodhananM ohamed Asif Ali Mohammed Shafeeq P K Varunraj M Vishnu S	Development of an experimental setup and investigations on optimizing the operating parameters of Swirling	ME	48,000

				Fluidized Bed Machining (SFBM)		
13	CERD/SP138/2013	Shri. Sujit. S, Assistant Professor in Electrical Engineering N.S.S College of Engineering, Palakkad Ph:9446464885 Email:sujiths99@yahoo.co.uk	Siva Priya Shilpa Mohan Nimmi Treasa Thomas Meera K R Ninu Babu C K	Design and Implementation of a High Boost Ratio Hybrid Transformer DC –DC Converter for Photo Voltaic Module and Prototype Development of MPPT System for the Same	EE	30,000
14	CERD/SP139/2013	Dr. K Krishnakumar Professor in Mechanical Engineering College of Engineering, Thiruvananthapuram Ph:9447254303 Email:kkrish9@yahoo.com	Akshay Kumar C Azhar V Mahesh Krishnan M G Ramakrishnan S	Three way tipper trailer	ME	48,500
15	CERD/SP140/2013	Dr. V R Rajeev Asst.Professor in Mechanical Engineering College of Engineering, Thiruvananthapuram Ph:09895696601 Email: rajeevcet@gmail.com	Ashok Kumar A Bibin Emmanuvel Aneesh Chandran Jeswin Jose	Tribological characteristics of Electromagnetically stirred A390/A319 Alloy	ME	50,000
16	CERD/SP141/2013	Shri. T M Mohan Professor in Mechanical Engineering College of Engineering, Thiruvananthapuram Ph:9495901507 Email:tmmohantvm@rediffmail.com	Hari M N air Ranjith R Rao Nikhil Ashok	Hybrid Bike incorporating regenerative braking	ME	49,000
17	CERD/SP144/2013	Smt. Anitha S Nair Asst. Professor in Mechanical Engineering College of Engineering Trivandrum Ph:9349318045 Email: anithasnair94@rediffmail.com	Ambady J S Mukesh Murali Ranjeesh Sugathan Sachin M George	Solar Powered Vapour Adsorption Cooling System	ME	40,000