

**SCREENING COMMITTEE MEETING 2013  
STUDENT PROJECT**

**Note : Kindly report at CERD 15 minutes before the scheduled time of presentation 07.09.2013**

Sl No	File No	Name of Principal Investigator	Name of Student Investigators	Title of Project	Time
1	CERD/SP176/2013	Shri. David Solomon George Assistant Professor in Electronics and Communication Rajiv Gandhi Institute of Technology, Kottayam Mob: 9946449126 Email:david@rit.ac.in	Jia Mary Koshy Nayana U Sabrinath K H Vigneswar J	Intelligent Energy Metering with Automatic Billing and User Interaction System	9.30 am - 9.45 am
2	CERD/SP188/2013	Shri.David Solomon George Asso. Professor in Electronics and Communiation Rajiv Gandhi Institute of Technology Kottayam Phone: 9946449126 Email:david@rit.ac.in	Mebin Markose Nayan Masria Thomas Navami Varma P Rahul K R	Speed tracking and Video Surveillance System at Naalumanikkattu	9.45 am – 10.00 am
3	CERD/SP175/2013	Smt. Upama Rajan M N Assistant Professor in Electronics and Communication Rajiv Gandhi institute of Technology Kottayam Mob: 9496379199 Email:upama.rajan@rit.ac.in	Jeevan Philip Njaliyil Digo George Anand Bose Sobinlal E S	Advanced Wireless Boat Safety and Rescue System With Data Logging	10.0 am - 10.15am
4	CERD/SP171/2013	Shri. Premanand B Asso.Professor in Electronics and Communication Engineering Govt. Engineering College, Thrissur Mob:9446148067 Email:premgec@gmail.com	Nikhitha M Ramees Thattarah Shinci P S Sreejith P Vibin A D	Advanced Braille Note Taking Device	10.15 am - 10.30 am
5	CERD/SP172/2013	Shri. Mohammed Salih K K Asst.Professor in Electronics and Communication Govt. Engineering College Thrissur Mob:9495336458 Email: <a href="mailto:salihmohamedkk@gmail.com">salihmohamedkk@gmail.com</a>	Akhil Raj C S Najad K K Suraj C K Thensiha A V Veena V	Emotive Robot : An EEG based non invasive BCI system	10.30 am – 10.45 am

6	CERD/SP173/2013	Shri. Sinith M S Asst.Professor in Electronics and Communication Govt. Engineering College Thrissur Mob:9847381870 Email:sinith@gmail.com	Ashik Ali P I Akhil Raju Krishnendhu S Juvena Alhade A Fazy Thaswin	Hand Gesture Recognition for Hearing or Speech Impaired	10.45 am - 11.00 am
7	CERD/SP174/2013	Shri. Sinith M S Asst.Professor in Electronics and Communication Govt. Engineering College Thrissur Mob:9847381870 Email:sinith@gmail.com	Abhiram R Akhil C K Sreelakshmy K R Sreeraj K Syalu C S	Automatic Speaker Recognition System	11.00 am - 11.15 am
8	CERD/SP180/2013	Smt. Anu George Assistant Professor in Electronics and Communication Govt. Engineering College Idukki Phone: 9447266358 Email: <a href="mailto:anu_grace@rediffmail.com">anu_grace@rediffmail.com</a>	Abhijith Appukuttan Amruth S Athira Sainu Neethu George	VeinAuthentication System	11.15 am - 11.30 am
9	CERD/SP179/2013	Smt. Anu George Assistant Professor in Electronics and Communication Govt. Engineering College Idukki Phone: 9447266358 Email: <a href="mailto:anu_grace@rediffmail.com">anu_grace@rediffmail.com</a>	Ardhra B P Galiyabi P.S Susreetha E K S Dilna E	Gesture Controlled Robot	11.30am - 11.45 am
10	CERD/SP178/2013	Shri. E S Shajahan Associate Professor in Electronics and Communication Govt. Engineering College, Idukki Phone: 9447594170 Email: <a href="mailto:shajes200e7@gmail.com">shajes200e7@gmail.com</a>	Rahul Mohan Revathy P R Bincy Chenangadan Aparna N S	GSM Based Health Monitoring System	11.45 am - 12. 00pm

11	CERD/SP177/2013	Shri. Premson Y Assistant Professor in Electronics and Communication  Govt. Engineering College Idukki Phone:9497382764 Email:ypremson@gmail.com	Akhila Jose  Reshma I V  Safna C M  Rinsha K U	Electronic Support System for Physically Disabled	12.00pm - 12.15 pm
12	CERD/SP181/2013	Dr. Sathish Kumar HoD, Electronics and Communication Govt. Engineering College, Idukki Phone:9447637773 Email: <a href="mailto:kumarcssathish@gmail.com">kumarcssathish@gmail.com</a>	Reshma Bosco  Mary Ashritha  Sruthi R V  Sruthy V	Voice Recognition And Voice Guidance Based GPS Turn by Turn Navigator for Blind with Ultrasonic Obstacle Avoidance	12.15pm - 12.30 pm
13	CERD/SP183/2013	Smt. Ushakumary E R Asso. Professor in Chemical Engineering, Govt. Engineering, College, Kozhikkode Phone: 9446423261 Email: <a href="mailto:ushashik@rediffmail.com">ushashik@rediffmail.com</a>	Shafeek M  Nousheer K T  Hanan Binth Jaleel  Manu Saji Samuel	Nutritional & Physicochemical Quality of Thermally and Non – Thermally Pasteurized Citrus Juice	12.30pm 12.45pm
14	CERD/SP185/2013	Smt. Ushakumary E R Asso. Professor in Chemical Engineering, Govt. Engineering, College, Kozhikkode Phone: 9446423261 Email: <a href="mailto:ushashik@rediffmail.com">ushashik@rediffmail.com</a>	Fahad C I  Geethu M  Gopika S Kumar  Greeshma S	Production of Biodiesel from chicken wastes	12.45pm - 1.00pm
15	CERD/SP186/2013	A Study on Bio solar cell; the effect of thickness of various layers in the total output Phone:9496134259	Krishna Raj M  Mohammed Shajid K A  Shilpa Venugopal  Ananya Nayar	A Study on Bio solar cell; the effect of thickness of various layers in the total output	1.30pm - 1.45pm
16	CERD/SP184/2013	Shri. Subin Poulouse Asst. Professor in Chemical Engineering Govt. Engineering College, Kozhikkode Phone: 9447509845	Anupriya V  Appu V Prasad  Aneesa V P	Property Improvement of Polymers Using Nanofillers	1.45 pm - 2.00pm

		Email:subin2882@gmail.com	Anin K		
17	CERD/SP189/2013	Dr. N Rajanbabu Professor in Instrumentation and Control Engineering N.S.S College of Engineering Palakkad Ph:9495228319 Email:nrajanbabu@gmail.com	Divya R Menon Dhanya Raveendran Amal Mohan R Ananthu Krishna Preethi Krishnamoorthy	Intelligent Transport Infrastructure	2.00 pm - 2.15pm
18	CERD/SP187/2013	Shri. Shinoj K Sukumaran Assistant Professor in Electronics and Communication Rajiv Gandhi Institute of Technology Kottayam Phone:9496115658 Email:shinojsukumaran@gmail.com	Rahul P Raj Roshan Sebastian Sunil Dixit Anish Soman	Defence System to Recognise Armed Infiltrators	2.15pm - 2.30pm
19	CERD/SP166/2013	Smt. Saina Deepthi Asst. Professor in Electrical Engineering College of Engineering, Thiruvananthapuram Phone:0474- 2753738,9447454954 Email: <a href="mailto:saina@cet.ac.in">saina@cet.ac.in</a>	Agin Antony Alen V Mathew AmalBalachandran Liya Jackson Shabeer C P	Online Electric Vehicle (OLEV)	2.30pm - 2.45pm
20	CERD/SP142/2013	Shri. Jaimon Cletus Assistant Professor in Mechanical Engineering College of Engineering, Thiruvananthapuram Phone:9495348213 Email: <a href="mailto:jaimon.cletus@gmail.com">jaimon.cletus@gmail.com</a>	Lekshmy K Balakumar Akhil V Mohan Arjun P Ajith Ganesh A	Semi – Automated Wheel Chair With Stair Climbing Mechanism	2.45pm - 3.00pm
21	CERD/SP182/2013	Dr. Jiji C V Professor in Electronics and College of Engineering, Thiruvananthapuram Phone:9497679489 Email:jijicv@gmail.com	Lakshmi S Pillai Arya Bhadran Sherin J Gayatri M	Gesture Recognition Using Microsoft Kinect Extension of the project titled“Gesture recognition Using inertial	3.00-3.15

				measurement units”	
22	CERD/SP190/2013	Shri. Baiju Basheer Associate Professor in Mechanical Engineering College of Engineering Trivandrum Phone: 9249519029 Email:baijubasheer@yahoo.com	Gokul S Ranjith C M Sathyamoorthy U	Hydrogen Petrol Mixture Engine	4.00 pm - 4.15 pm
23	CERD/SP191/2013	Shri. Prince A Associate Professor in Electrical Engineering Rajiv Gandhi Institute of Technology Kottayam Phone: 09544393773 Email:prince@rit.ac.in	Abhijith K Aravind R Jithin K T Sanjay Thomas M	Design & implementation Photovoltaic System with Maximum Power Point Tracking	4.15pm 4.30pm
24	CERD/SP192/2013	Prof. Daya Krishnankutty  Professor in Civil Engineering , Govt. College of Engineering, Kannur Phone:9388700999 Email:dayakrishnankutty@gmail.com	Anju M V Minju George Mithresh K Pushpan Sruthi Ezhokaran Syam Prakash V P Vishnu K	Extension of Pervious Concrete Construction to Roads	4.30pm - 4.45pm
25	CERD/SP193/2013	Dr. K. N. Rajesh  Asst. Professor in Civil Engineering , Govt. College of Engineering, Kannur  Phone:9446408286  Email:knrajesh74@gmail.com	Arun A Preethi Sruthina P V Swarup Swathi P Vaishakh T K	Partial Replacement of Fine Aggregate with Lateritic Soil in Concrete	4.45pm - 5.00pm

26	CERD/SP194/2013	<p>Dr. V. I. Beena</p> <p>Professor in Civil Engineering , Govt. College of Engineering, Kannur Phone9447961445</p> <p>Email:drvibeen@gmail.com</p>	<p>Akhila P K</p> <p>Deepika M N</p> <p>Fasalu Rahman</p> <p>Hima M</p> <p>Hirosh Nina Gothaman</p> <p>Shuinu P</p>	<p>Comparative study of Green Buildings and Evaluation of their Criteria by Practice</p>	<p>5.00pm - 5.15pm</p>
27	CERD/SP195/2013	<p>Dr. Jayaprakash P</p> <p>Asst. Professor in Electrical Engineering , Govt. College of Engineering, Kannur Phone:9497609509</p> <p>Email:jayaprakashpee@gmail.com</p>	<p>Ashwin Pai A</p> <p>Athul T</p> <p>Gokul Krishnan K</p> <p>Sayooj K K</p>	<p>3 Phase Solar UPS with Variable Frequency Drive for Remote Areas</p>	<p>5.15pm - 5.30pm</p>
28	CERD/SP196/2013	<p>Shri.Umesh A C</p> <p>Assistant Professor in Electronics and Communication</p> <p>Rajiv Gandhi Institute of Technology</p> <p>Kottayam</p> <p>Phone:9446052354</p> <p>Email:umesh@rit.ac.in</p>	<p>Alphin J Thottupattu</p> <p>Chaithanya K</p> <p>Rajitha T R</p> <p>Veena Vijayan</p>	<p>Arm motion controlled robot with 4DOF</p>	<p>5.30pm - 5.45pm</p>

## RESEARCH SEED MONEY SCHEME

**Note : Kindly report at CERD 15 minutes before the scheduled time of presentation**

<b>S I N o .</b>	<b>File No.</b>	<b>Name&amp; Address of Principal Investigator. E-mail Id/ Phone</b>	<b>Department</b>	<b>Title of the Project</b>	<b>Time</b>
1	CERD/RSM74/2013	Dr. Jaya V Associate Professor in Civil Engineering College of Engineering, Trivandrum Phone:8547111246 Email:jayasraj@gmail.com	Civil	Study to Evaluate Performance of Coir Cushion For Ground Vibration Isolation	3.15-3.30
	CERD/RSM82/2013	Shri. Sinith M S Asst.Professor in Electronics and Communication Govt. Engineering College Thrissur Mob:9847381870 Email:sinith@gmail.com	Electronics	Humming based Music Retrieval System	3.30pm - 3.45pm
	CERD/RSM83/2013	Shri. Biju V Asst. Professor in Civil Engineering College of Engineering Trivandrum Mob: 9447081068 Email:biju_vasudevan@yahoo.com	Civil	Study of T – joint on circular hollow sections under cyclic loading using steel cast connector”	3.45pm 4.00pm