

SCREENING COMMITTEE MEETING 2013

DATE: 20.08.2013

VENUE: CERD CONFERENCE ROOM
II FLOOR, MCA BLOCK
COLLEGE OF ENGINEERING CAMPUS,
THIRUVANANTHAPURAM.

STUDENT PROJECT

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

Sl No	File No	Name of Principal Investigator	Name of Student Investigators	Title of Project	Time
1	CERD/SP124/2013	Shri. Leeju C J Asst. Professor in Mechanical Engineering Govt. Engineering College Sresekrishnapuram, Palakkad Ph:08129188192 Email:cj.leeju@gmail.com	Akhil P Shidhulal C Subhijith S Muhammed Muhsin	Efficiency testing and calibration of Bio gas Plant	10.45am - 11.00am
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	11.15am - 11.30am
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	11.30am - 11.45am
4	CERD/SP128/2013	Sreedevi G Assistant Professor in Electrical Engineering Govt. Engineering College, Idukki Phone: Email:	Saina K E Athira Madhusudhana Panicker Athira Subramanian Muhammed Shafeek VM	VEHICLE ACCIDENT ALERT and LOCATOR (VAAL)	11.45am - 12.00pm
5	CERD/SP129/2013	SHENIL P.S Assistant Professor in Electrical Engineering Govt. Engineering College, Idukki Phone:	Sarathchandran T Shefeena O B Sruthy K Prakasan Yathu Gopinath	WIRELESS POWER TRANSMISSION TO MOVING VEHICLES	12.00pm-12.15pm
6	CERD/SP130/2013	Sivakumar R Assist. Professor in Electronics	Anita Antony Gargikrishna	Voice Operated Intelligent Lift or elevator	12.15pm - 12.30pm

		Govt.Engineering College Idukki Phone: 9447454377 Email:sivangeeci@gmail.com	Reshma Rajilam Silpa M		
7	CERD/SP131/2013	Smt. Mala J B Assistant Professor in Information Technology Govt. Engineering College, Idukki Phone:9747489340 Email: malajb83@gmail.com	Archana Radhakrishnan Chitra A Santhosh Dhanesh K K	Smart Security System	12.30pm - 12.45pm
8	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	12.45pm - 1.00pm
9	CERD/SP133/2013	Shri. Indulal S Assistant Professor in Electrical Engineering College of Engineering,Thiruvananthapuram	Chandykunju Alex Arun Joseph Kevin Martin Jose	Wearable Sound localization and visualization device	1.30pm - 1.45pm
10	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 Abled	1.45pm - 2.00pm
11	CERD/SP135/2013	Smt. Reshmi LBhooshan 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)	2.00 pm- 2.15pm
12	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	2.15pm - 2.30pm
13	CERD/SP137/2013	Dr. K G Viswanadhan Professor in Mechanical Engineering, N.S.S College of	Madhusoodhanan Mohamed Asif Ali Mohammed	Development of an experimental setup and investigations	2.30pm - 2.45pm

		Engineering, Palakkad Email: kgv@nssce.ac.in kgv@nssce.ac.in	Shafeeq P K Varunraj M Vishnu S	on optimizing the operating parameters of Swirling Fluidized Bed Machining (SFBM)	
14	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	2.45pm - 3.00pm
15	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	3.00pm 3.15pm
16	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	3.15pm-3.30pm
17	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	3.30pm-3.45pm
18	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	3.45pm-4.00pm
19	CERD/SP142/2013	Shri. Jaimon Cletus Assistant Professor in Mechanical Engineering College of Engineering, Thiruvananthapuram Phone:9495348213 Email: jaimon.cletus@gmail.com	Lekshmy K Balakumar Akhil V Mohan Arjun P Ajith Ganesh A	Semi – Automated Wheel Chair With Stair Climbing Mechanism	4.00pm-4.15pm

20	CERD/SP143/2013	Shri. Jaimon Cletus Assistant Professor in Mechanical engineering College of Engineering, Thiruvananthapuram Phone:9495348213 Email: jaimon.cletus@gmail.com	Anoop Sasidharan Jithin Xavier Tarun U VishnuVijayan	Powered Exoskeleton	4.15pm-4.30
21	CERD/SP143/2013	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	4.45 PM 5.00PM

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RESEARCH SEED MONEY SCHEME

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S I N o .	File No.	Name& Address of Principal Investigator. E-mail Id/ Phone	Department	Title of the Project	Time
1	CERD/RSM75/2013	Smt. Rekha L Assistant Professor in Mechanical Engineering, Govt. Engineering College, Thrissur Phone:9656404241 Email: rekhadinesh05@gmail.com	Mechanical	Energy and Energy analysis of solar PV thermal and Collector	9.45am-10.00am
2	CERD/RSM77/2013	Dr. K G Viswanadhan Professor in Mechanical Engineering, N.S.S College of Engineering, Palakkad Email: kgv@nssce.ac.in , kgv@nssce.ac.in	Mechanical	Empirical investigation towards better quality costing methods for Manufacturing and Service Industries in Kerala	10.00am -10.15am
3	CERD/RSM78/2013	Shri. Sujit. S, Assistant Professor in Electrical Engineering N.S.S College of Engineering, Palakkad Ph:9446464885,Email:sujiths99@yahoo.co.uk	Electrical	Design and implementation of a control system for a doubly fed Induction Generator prototype used for Wind power Generation	10.15am -10.30am
4	CERD/RSM73/2013	Shri. Adarsh S Assistant Professor in Civil TKM College of Engineering Kollam Phone: 9446915388 Email: adarsh_lce@yahoo.co.in	Civil	Finer Scale Rainfall Projections for Kerala Meteorological Subdivision By Statistical Downscaling of GCM simulations	10.30am -10.45am
5	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	4.30 pm -4.45pm

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Centre of Excellence

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S I N o .	File No.	Name& Address of Principal Investigator. E-mail Id/ Phone	Department	Title of the Proposal	Time
1	CERD/CoE 3/224/2013	Dr. Leena Mary Asst. Professor in Computer Science Rajiv Gandhi Institute of Technology Kottayam	Computer Science	Centre for Advanced Communication and Signal Processing Research (CACSPR)	11.00am - 11.15am
2	CERD/CoE 4/260/2013	Dr. Reghuraj P C Govt. Engineering College Sreekrishnapuram Palakkad	Computer Science	Setting up a Centre of Excellence in Advanced Computing under CERD	9.30am- 9.45am