

12th SCREENING COMMITTEE MEETING 2014
Research Seed Money Scheme

Note : Kindly report at CERD 15 minutes before the scheduled time of presentation 18.09.2014

Sl No	File No.	Name& Address of Principal Investigator. E-mail Id/ Phone	Department	Title of the Project	Time
1	C2/RSM89/2014	Dr. Mini Soman Associate Professor in Civil Engineering College of Engineering Trivandrum Phone:9447968010 Email:mini_soman@rediffmail.com	Civil	Strengthening of reinforced concrete short columns using advanced ferrocement jacketing	9.30 am
2	C2/RSM91/2014	Smt . Indulekha K.P Asst.Professor in Civil Engineering College of Engineering Trivandrum Phone:9495067874 Email: indulekhakp@yahoo.co.in	Civil	Laboratory Flume Experimental Studies on the use of Cocologs for Bank Erosion Control	9.45 am
3	C2/RSM95/2014	Shri. Thulaseedharan Nair B Associate Professor in Civil Engineering College of Engineering Trivandrum Phone:9446346884 Email: btnair@yahoo.com	Civil	Experimental Study on weir failure due to sand mining and rehabilitation measures	10.00 am
4	C2/RSM98/2014	Dr.Priyadarsini R.S Associate Professor in Civil Engineering College of Engineering Thiruvananthapuram Phone: 9495401058 Email:priyadarsini_rs@yahoo.com	Civil	Stress Concentration factors (SC Fs) in FRP Flat Plates for space Applications	10.15 am
5	C2/ RSM101/2014	Smt.Sindhu P Asst.Professor in Civil Engineering College of Engineering Trivandrum Phone:9447862283 Email:sidhu.mohan@gmail.com	Civil	Studies on Relation Between Particulate Matter Concentration and Temperature Rise in an Urban Area	10.30 am
6	C1/RSM99/2014	Dr.Sudha T Professor in Electronics and Communication NSS College of Engineering Palakkad Phone:9497628603 Email:sudhat@nssce.ac.in	EC	Energy Efficient Wireless Networks –towards Green Communiation and for Sustainable Future	10.45am

7	C2/RSM93/2014	Smt. Tessy Varkey A R Assistant Professor in Architecture Rajiv Gandhi Institute of Technology Kottayam Phone:9846759020 Email: tessyvarkey@gmail.com , tessy@rit.ac.in	Architecture	Development of Indoor Air Quality Policy and Standards for Kerala, India	11.00 am
8	C2/RSM94/2014	Smt. Ambily P Assistant Professor in Architecture Rajiv Gandhi Institute of Technology Kottayam Phone: 8281877799 Email:ambilymenon@gmail.com	Architecture	Developing Guidelines for Climate Responsive and Site Sensitive Architecture for New Constructions in Western Ghats	11.15 am
9	C3/RSM102/2014	Dr. Manju M.S Asst.Professor in Chemical Engineering Govt. Engineering College Thrissur Phone:9995894962 Email:manjupradeep@gectcr.ac.in	Chemical	Degradation of endosulfan under visible light using Copper and Iron loaded anoclays and hydrogen peroxide as Photo –Fenton reagent	11.30 am
10	C2/RSM92/2014	Shri. Asok kumar A Assistant Professor in Electrical Engineering College of Engineering Trivandrum Phone: 9446130386 Email: asokkumarsuma@gmail.com	Electrical	Development of an energy –efficient switched-reluctance Motor and its drive system for application to domestic appliances	12.00 pm
11	C2/RSM88/2014	Dr. K M Peethambaran Hod in Mechanical Engineering Govt. College of Engineering Kannur Phone: 09446342750 Email:kmpmech@yahoo.com	Mechanical	Push –Pull Refrigerator (Design, Fabrication and Analysis)	12.15 pm
12	C2/RSM90/2014	Smt. Leena R Asst. Professor in Mechanical Engineering TKM College of Engineering Kollam Phone:9447074745 Email:leenakalidas@gmail.com	Mechanical	Investigations on Heat transfer and fluid flow characteristics of Jet Impingement Cooling for High Power Electronics	12.30 pm
13	C2/RSM96/2014	Shri.Sasi N Assistant Professor in Mechanical Engineering College of Engineering Trivandrum Phone:9446304993 Email:sasi_cet@yahoo.co.in	Mechanical	Design and modification of abrasive wear test rig and preliminary wear studies of Aluminium Matrix Composites	1.30pm
14	C1/RSM97/2014	Shri.Prem Kumar J Assistant Professor in Mechanical Engineering SCT College of Engineering Pappanamcode Trivandrum	Mechanical	Design and Development of fatigue test rig and Preliminary fatigue fracture studies of Aluminium	1.45 pm

		Phone: 9496366561 Email:prem24970@yahoo.co.in		matrix Composites	
15	C2/RSM100/2014	Dr.Abhilash Suryan R Asst.Professor in Mechanical Engineering College of Engineering Thiruvannathapuram Phone:8281211932 Email:suryan@cet.ac.in	Mechanical	Study of Fast Filling of Gas Storage Tanks	2.00pm
16	C2/RSM103/2014	Shri.Suresh Kumar V B Asst.Professor in Mechanical Engineering College of Engineering Thiruvananthapuram Phone:9447662498 Email:sureshvbscet@gmail.com	Mechanical	Design and Development of erosive wear test rig and preliminary wear studies of Aluminium metal matrix composites	2.15pm
17	C2/RSM104/2014	Dr. V.R Rajeev V R Asst.Professor in Mechanical Engineering College of Engineering Thiruvananthapuram Phone:9895696601 Email:rajeevcet@gmail.com	Mechanical	Tribological Characteristics of Electromagnetically Stirred Aluminium Silicon Alloy	2.30 pm
18	C2/RSM105/2014	Dr. A Samson Associate Professor in Mechanical Engineering College of Engineering Thiuvananthapuram Phone:9447324844 Email:asamson64@gmil.com	Mechanical	Design of an Improved Steering Mechanism	3.00pm
19	C2/RSM106/2014	Prof.G.L Aswinikumar Professor and Head of Mechanical Engineering College of Engineering Thiruvananthapuram Phone:9746242975 Email: aswinikumarcet@rediffmail.com	Mechanical	Wear characteristics of aluminum alloy composites	3.15 pm

**12th SCREENING COMMITTEE MEETING 2014
STUDENT PROJECT**

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Sl No	File No	Name of Principal Investigator	Name of Student Investigators	Title of Project	Department	Time
1	C1/SP247/2014	Dr.Sudha T Professor in Electronics and Communication N.S.S College of Engineering Palakkad Phone:9497628603 Email:sudhat@nssce.ac.in	Anagha Madhav K P Anand V Kavya V G Kuran Selvan Krishna Anilkumar	Green Cognitive Radio for “Smart” Building Environments	EC	11.00am to 11.15
2	C3/SP243/2014	Dr. V.R.Rajeev Asst.Professor in Mechanical Engineering College of Engineering Thiruvnanthapuram Phone:9895696601 Email:rajeevcet@gmail.com	Sajith Mohan Shamsudheen P K Shanto Paul	Effect of nickel addition on the wear characteristics of Al-Si piston alloys	ME	2.45pm to 3.00pm