

**8<sup>th</sup> SCREENING COMMITTEE MEETING 2012**  
**STUDENT PROJECT**

**SANCTIONED PROPOSAL FOR DECEMBER 2012**

<b>Sl No</b>	<b>File No</b>	<b>Name of Principal Investigator</b>	<b>Name of Student Investigators</b>	<b>Title of Project</b>	<b>Dep.</b>	<b>Amount</b>
1	CERD/SP95/2012	Dr.Renjana Devi . Associate Professor in Chemical Engineering, Govt. Engineering College, Kozhikode	P Aswin Mohammed Shaab PNM Vijith Vinayan Ramshad N	UV – Sonication for Industrial Cellulose Degradation	Che	50,000
2	CERD/SP97/2012	Mrs. V. R Jisha Assistant Professor in Electrical Engineering, College of Engineering, Trivandrum	Sandhya Gopinathan Elizabeth Samuel Jyothilakshmi K S Jilna C Lima Agnel Tony	Trajectory Tracking Mobile Robot	EE	27,500
3	CERD/SP99/2012	Mr. P Jayakumar Assistant Professor in Electrical Engineering College of Engineering, Trivandrum	Krishna Raj R Sankar A Sreeram P Thafseer Ahamed Vishnu V	Intelligent Solar Inverter	EE	32,500
4	CERD/SP100/2012	Mrs. V. R Jisha Assistant Professor in Electrical Engineering, College of Engineering, Trivandrum	Anees Babu C Hameem C Hamza Salah Abdul Gafoor Siadh S R	Target Tracking Using Multiple Robots	EE	33,200
5	CERD/SP101/2012	Prof. S Sandhya Professor in Electrical Engineering College of Engineering, Trivandrum	Boney Mathew Girish P R Nabeel Muhammed Nazeer Syam Krishnan P A Tony S John	Audio Guidance System for Blind	EE	30,000
6	CERD/SP102/2012	Shri. Goeorge M Joseph Assistant Professor in Electronics and Communication Sreechithira Thirunal Engineering College,	Nithin Krishnan GP Sree Vishnu S Sreejith S P Vijin K V	Blind Assisting Humanoid Robot	EC	30,000

7	CERD/SP103/2012	Shri. Indulal S Assistant Professor in Electrical Engineering College of Engineering, Trivandrum	Mohammed Imthias  Rinu Mathew  Nandakumar Kamath P  Harikrishna N D  Jishnu Raj K	Neuro Fuzzy Embedded Control for Mind Navigated Wheelchair	EE	29,000
8	CERD/SP105/2012	Pro. Sreejaya P & Prof. Asok Kumar A Associate Professors in Electrical Engineering, College of Engineering, Trivandrum	Aanand Muraleedharan  Anoop T  Aravind P V  Bimna Raveendran	Converter for Switched Reluctance Motor	EE	33,000
9	CERD/SP106/2012	Dr. Dinesh Gopinath Assistant Professor in Electrical Engineering, College of Engineering Trivandrum	Krishna Raj Nair M K  Haseel V  Mohammed Shabeeb T  Maqbool Ahsan	An FPGA Based Concurrent Multi Function Generator	EE	35,000
10	CERD/SP108/2012	Shri. Sanil K Daniel Asst. Professor in Electronics and Communication College of Engineering Trivandrum Phone:	Kannan R G  Saril T Babu  Tony Fernandez  Vishnu Menon	RFID based Vehicle Management System	EC	25,000
11	CERD/2012/SP109	Dr. Mini K Idicula Associate Professor in Electrical Engineering College of Engineering Trivandrum	Alka Isac  Binvy Moly Tom  Kochurani Babu N  Rose Mereema Jose	Solar Micro Inverter	EE	30,000
12	CERD/SP110/2012	Abdu Rahiman V Assistant Professor in Applied Electronics Govt. Engineering College Kozhikode, West Hill- 6730005	Abhay U Krishan  Hari Shankar P  Jeevesh M  Jijin C K	SEA Navigation and Tracking System	AE	40,000

13	CERD/SP116/2012	Prof. H Ansarudeen Department of Electrical Engineering, Govt. Engineering College Barton Hill, Thiruvananthapuram	Rahul T Georg Rajeev S J Rajkumar R C Sujna S	Smart Energy Metering and Demand Forecasting	EE	19,800
14	CERD/SP117/2012	Dr. Arun Kishore W C Associate Professor in Electrical Engineering, college of Engineering, Thiruvananthapuram	Abhijith V B  Ahammed Riyas M T  Anargha E Anirudh M Krithika Raj	Linear Inverted Pendulum	EE	35,000
15	CERD/SP119/2012	Dr. S Mridula Asso. Professor in Electronics Engineering School of Engineering Cochin University of Science and Technology, Kochi	Divya Bharathi V S  Gayathri K  Gayathri Pillai  Geethu Mohandas	MicroWave Sensing of Soil Properties	EC	19,000

