

Projects Approved in R & D Facilitation Meeting Held on 04 February 2015

PROJECTS APPROVED UNDER UNDERGRADUATE CATEGORY

| SL. No. | Project ID | Title | Div | Applicant(s) | Guide | Institute |
|---------|------------|--|-------------------------------------|--|---|--|
| 1 | UG2015005 | Development of Low Cost Unmanned Aerial Vehicle for Inspecting Crop Damage | Aerospace/ Agricultural Engineering | Shivaram P.R, Nivedh Kannaa S.B., Sankar Raju; prshivaram@gmail.com;09677964602 | Dr K S Vijay Sekar,vijaysekarks@ssn.edu.in, 09940316158 | Sri Sivasubramaniya Nadar College of Engineering, Rajiv Gandhi Salai (OMR) Kalavakkam, Tamilnadu 603 110 |
| 2 | UG2015006 | Design and Fabrication of Dynamic Hybrid Miniature Simulator for a Typical Aircraft System | Aerospace Engineering | Anderson Elvise Richard, Manova Martin, Karthick Mathesh; richard.anti.anderson95@gmail.com;09585027807 | S Gowrishankar Sambasivam, Sudhakar Seeman;jggs79@gmail.com; 9442291120 | Park College of Engineering and Technology, Avinashi Road, Kaniyur Post, Coimbatore, Tamilnadu 641 659 |
| 3 | UG2015007 | Investigation on solid state welding of hybrid A16061/10%SiC/10%A ₂ O ₃ metal matrix composite | Mechanical Engineering | A Manoj Prabhakar, T Thamizhazhagan; P Gopinath; jonam39204@gmail.com; 09940549507 | R Adalarasan; M Santhanakumar; adalarasan @saveetha.ac.in;09566234433 | Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai-602105 |
| 4 | UG2015008 | Odourless Pure Methane Extraction From Biogas Using Water Scrubbing Technique | Mechanical Engineering | Jegan Natarajan, Aswin Thangavel, Yokeshwaran Parthiban; donjeganth@gmail.com; aswincruiser@gmail.com; 09698150059 | Gokilakrishnan G, Rajesh R; ggokilakrishnan@gmail.com; rajesh17171@gmail.com; 08883930899 | Sri Eshwar College of Engineering, Kondampatti Post, Kinathukadavu Via Coimbatore-641202 |
| 5 | UG2015009 | A Review on Effect of Suspended Nano-particles in Joule Thomson Refrigeration Systems | Mechanical Engineering | Chandan Arunachalam, Aditya Rai; chandan.arunachalam@gmail.com; 09176889690 | Santhana Krishnan Radhakrishnan; rskme09@gmail.com; yuvaraj.r@ktr.srmuniv.ac.in;09444718578 | SRM University, SRM Nagar, Kattankulathur, Kancheepuram District, Chennai-603203 |
| 6 | UG2015010 | Design and Fabrication of MALE type Solar Powered UAV | Aerospace Engineering | S Robert Caldwell; R Nivas;G Mohamed Abdul Kader; robertcaldwels@gmail.com; 09894531427 | Dr P N Kardiresh, Mr M Magesh; kadiresh@bsauniv.ac.in;09444226195 | B S Abdur Rahman University, Seethakathi Estate, Vandalur, Chennai-600048 |
| 7 | UG2015011 | Design and Development of Biodigester for Effective Food Waste Disposal | Mechanical Engineering | Arun Kumar, Gnana Praksh, Arulanandan; arunkmr13579@gmail.com; 09629958245 | Dr R Venkatasamy, principal@saveetha.ac.in;09841725345 | Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai-602105 |

PROJECTS APPROVED UNDER POSTGRADUATE CATEGORY

| SL. No. | Project ID | Title | Div | Applicant(s) | Guide | Institute |
|---------|------------|--|------------------------|--|--|--|
| 8 | PG2015006 | Studies on Enhancement of Charging/Discharging Characteristics of an encapsulated Latent Heat Thermal Storage Unit | Mechanical Engineering | P.Karthik; karthikmech9215@gmail.com;09500156215 | Dr N Lakshmi Narasimhan; lakshminarasimhann@ssn.edu.in, lakshminaras74@gmail.com,09884960124 | Sri Sivasubramaniya Nadar College of Engineering, Rajiv Gandhi Salai (OMR) Kalavakkam, Tamilnadu 603 110 |
| 9 | PG2015007 | Remote Control of MAV using IoT for Reconnaissance and Data Transmission | Aerospace Engineering | Muthu Kumar, Chandra Basu | S Gowrishankar Sambasivam, Sudhakar Seeman | Park College of Engineering and Technology, Avinashi Road, Kaniyur Post, Coimbatore, Tamilnadu 641 659 |
| 10 | PG2015008 | Design and Development of Biodegradable tibia bone internal fixation plate using CT/CAD/Additive Manufacturing | Mechanical Engineering | P Ramesh; rameshbillie@gmail.com; 09943601801 | Dr V Muthukumar, D R Venkatasamy; muthukumar@saveetha.ac.in; 09176941555 | Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai, Tamilnadu 602 105 |
| 11 | PG2015009 | Development of multi optimization model for better governance and management of technical institutions using IT/ITEs as an integrated approach | Computer Technology | Divya Vijayan; divyavijyan14@gmail.com; 8754758216 | Dr Senthil Kumar Meyyappan; kathir_senthil@yahoo.co.in;09442045420 | Ranganathan Engineering College, REC Kalvi Nagar, Thondamuthur, Coimbatore-641109 |
| 12 | PG2015010 | Development of a low emission hybrid car | Automobile Engineering | Raman Shendge, shendge.rs@gmail.com 8680057097 | Dr P Sarasu, veltech@vsnl.com;veltech@vsnl.com 9940024007 | Veltech DR RR & DR SR Technical University. 42 Avadi-Veltech Road, Chennai-600062 |

PROJECTS APPROVED UNDER PhD CATEGORY

| SL. No. | | Title | Div | Applicant(s) | Guide | Institute |
|---------|-----------|---|---|--|---|--|
| 13 | DR2015003 | Assessment of Material Properties of A5083 MMC for use in UAV's operating in Low Temperature Region | Mechanical Engineering | P S Samuel Ratna Kumar; samuelrathish@live.com;09842551959 | Dr S John Alexis; johnalexis@rediffmail.com;09442376705 | Kumaraguru College of Technology, Chinnavedampatti Post, Saravanampatti, Coimbatore, Tamilnadu 641 049 |
| 14 | DR2015004 | Embedded system based Intelligent Irrigation System using WSN | Electronics & Telecommunication Engineering | Jose Anand; deanar@kcgcollege.com;09176998520 | Dr Senthil Ramadoss | KCG College of Technology, OMR Road Karapakkam, Chennai, Tamilnadu 600 097 |
| 15 | DR2015005 | Heat transfer improvement studies in solar concentrating collector | Mechanical Engineering | P Sudhakar, sudhakar.suren@gmail.com, 09445647406 | Dr G Kumaresan; gkumaresan75@gmail.com;0944222660 | Institute for Energy Studies, Department of Mechanical Engineering, Anna University, Guindy-600025 |