

IEEE Student Project Funding 2015-16

GENERAL INSTRUCTIONS:

Applications are invited for the IEEE student funding (2015-16) from the student members.

1. IEEE Student Project funding (IEEESPF) maximum amount of Rs. 15,000/- will be granted.
2. IEEE would like to fund maximum of two projects per college, which includes the minimum two and maximum four students in a project-batch.
3. Faculties as a guide are requested to propose only one project for IEEESP funding in a financial year.
4. IEEESPF proposals are to be submitted through the IEEE student branch counselor and the principal to the IEEE Madras section through e-mail, ieemas@gmail.com, in the Word format (*.doc) only.
5. All the correspondence to be communicated through email / hard copy by post. The subject should be in the form(College name_guidename_date of correspondence; Kamban Engineering College_G.Elangovan_31st October 2015; subject as **KEC_GE_311014**).
6. Thirty IEEE funded projects titled are listed as Appendix-B, which can't be repeated for the funding request.

SCHEDULE

IEEE student funding submission 2015-16 closing date 31.10.2015

1. IEEE student project funding/certification 2015-16, will be finalized/awarded on 23rd April 2016 at IEEE Madras Section office. Project cost will be estimated by the panel of judges to the maximum amount of Rs. 15,000/-. Funding procedure follows two stages for the evaluation process.
 - a. First stage: Preliminary stage of eligibility and feasibility of project proposals submitted and evaluation will be intimated on or before 20.11.2015.
 - b. Second stage: Project will be funded during validation/recommendation by the experts/committee during project demo on 23rd April 2016 at 10.00 Hrs., venue: IEEE Madras Section office, Chennai- 600 025.

Dr. P A MANOHARAN
Chair (Student project funding)

Appendix -A

A certificate of the form typed below as Appendix-A, should be enclosed.

This is to certify that Mr/Miss ----- (Include names of all the team members along with their IEEE student membership number) are bonafide final year UG students. It is also certified that final project report along with utilization certificate signed by the project guide & Principal will be sent to the IEEE Madras Section in the *.doc format through e-mail.

1. The information regarding the financial assistance will be announced o 23rd April 2016.
2. The maximum amount that could be sanctioned is Rs.15,000/-. Additional expenditure, if any shall be borne by the institute itself.
3. The Maximum number of projects that could be supported is TEN.
4. The project duration shall be for SIX months
5. The format for the submission of the proposal is as given below
 - a. Name(s) of student (s) with contact details (mobile, e-mail, mailing address)
 - b. IEEE membership details
 - c. Name of the Department
 - d. Name of the College with address
 - e. Name of the Guide with contact details (mobile, e-mail, mailing address)
 - f. Title of the Project
 - g. Brief description of the project (Objective, Methodology, Monthly action plan for 6 months)
 - h. Budget allocation with break-up
 - i. Signature of the students/Project guide/IEEE student branch counselor/Principal

Project Title funded by IEEE Madras section

1. Solar Aqua Purifier - (Rs. 15,000)
2. Automated Real-time Crack Detection in Railway Track Using Time Domain Reflectometer (TDR) - (Rs. 15,000)
3. Stimulation Assist Dynamic Wrist Extension Splint In Stroke Patients -(Rs. 15,000)
4. Contact less Low Cost Multimodal Biometric Identification System - (Rs. 7,500)
5. Robotic Chair (CHIROBOT-A HEXAPOD) -(Rs. 15,000)
6. Data Security with magnetic Resonance imaging in Automatic Teller Machine - (Rs. 7,500)
7. Car Accident Detection and Reporting System - (Rs. 7,500)
8. Power Monitoring and Control of Electric Home Appliances Using Internet-(Rs. 15,000)
9. Intelligent Water Saving Irrigation By Using Solar Power- (Rs. 7,500)
10. Power Generation Using Hybrid Methods In Highways- (Rs. 7,500)
11. Automated Commodity Delivery System for Fair Price Shop- (Rs. 7,500)
12. Effective Power Utilization In Wireless Networks With Hybrid Renewable Energy Recourses In Smart Grid Environment - (Rs. 12,000)
13. Smart Health Bio-monitor - (Rs. 3,000)
14. RFID Based Intelligent Electronic Shopping Cart - (Rs. 8,000)
15. Enhanced Protection For Heavy Vehicles - (Rs. 7,000)
16. Autonomous Terrain Navigation For Planetary Rovers - (Rs. 3,500)
17. RFID Sensor Based Hotel Buffet Container Monitoring And Management System - (Rs. 3,000)
18. Design Of Intelligent Track Circuit For Fail Safe Operation Of Railway Control Systems - (Rs. 8,800)
19. Full Home Automation Using Arduino and Ethernet - (Rs. 15,000)
20. Thought Recognition Using Brain wave for Victim - (Rs. 2,000)
21. Design and modelling of " Voice Controlled Wheel Chair for Disabled Persons" - (Rs. 10,000)
22. Design and modelling of 17 level cascade H- bridge Inverter in Distributed Renewable energy System - (Rs. 2,000)

23. V- Doctor - (Rs. 3,000)
24. Solar Powered tiller Robot with Micro Irrigation System - (Rs. 15,000)
25. Hand Held Farming (Rs.12000)
26. Design of Portable Autonomous Machine to Measure Soil Nutrients, pH, Salinity & Moisture for Agriculture Process (8000)
27. An Outclassed Hexacopter Design With Specialized Robotic Arms for the Utility Lines Maintenance" (Rs.10000)
28. Rapid fire intimation system in railways using zigbee wireless sensor networks (Rs. 5000)
29. Virtual Vision for Visually Impaired Shoppers (Rs.5000)
30. Centralized gas leakage / fire detection and rescue system for apartments and industries using low power microcontrollers and RF(8000.00)