



PANIMALAR ENGINEERING COLLEGE

An Autonomous Institution

[JAISAKTHI EDUCATIONAL TRUST]

Approved by AICTE | Affiliated to Anna University | Recognized by UGC

All Eligible UG Programs are Accredited by NBA

Bangalore Trunk Road, Varadharajapuram, Poonamallee, Chennai-600123

SPONSORED AND CONSULTANCY PROJECTS

RESEARCH FUNDING

Sl.No	Principal Investigator and Co- Principal Investigator	Title of project	Sponsored agency	Sanctioned Year and duration	Status Ongoing/ Completed	Amount (in Rupees)
2023-2024						
1.	Dr. N. Manoj Kumar Mr.V.Devaraj	Mini kashayam Vending machine	Gemco Renewable Energy Training Institute	April 2023 1 year	Completed	Rs. 70,000
2022-2023						
1.	Dr.A.Sivakumar Mr.K.P.Dinakaran	Mitigation of supply current harmonics in 3-phase Induction Motor	Crystal Clear Technology and Innovation	June 2022 1year	Completed	Rs.60000
2021 -2022						
1.	Dr. S. Selvi Mr.V.Devaraj	Solar Incubator	Quicktron	June 2020 1year	Completed	Rs. 50,000
2.	Dr. S. Selvi Dr. S. Deepa	Enhanced efficiency and guaranteed	Advantech Instruments & Services	June 2020 2years	Completed	Rs. 45,000

		quality for 5G network using Cognitive-FEMTO techniques				
2020 -2021						
1.	Dr. P. Hariramakrishnan Mr.S.Balaji	Automatic Power Factor Correction and Monitoring System	Advantech Instruments & Services	August 2020 8 Months	Completed	Rs. 80,000
2019-2020						
1.	Dr. D. Silas Stephen Mr.G.Ponkumar	IoT-Based Solar Energy Monitoring along with Dual-Axis Solar Panel Tracking System	Gemco Renewable Energy Training Institute	2019 6 Months	Completed	Rs. 70,000

Consultancy Projects

Sl.No	Principal Investigator and Co-Investigator	Title of project	Sponsored agency	Sanctioned Year and duration	Status Ongoing/ Completed	Amount in Rs.
2023-24						
1.	Dr. D. Silas Stephen Dr.G.Merlin Suba	Improving the Efficiency of Photovoltaic Panels	Gemco Renewable Energy Training Institute	April 2023 1 year	Completed	95,000/-
2022-23						
1.	Dr. D. Silas Stephen Dr.G.Merlin Suba	Improving the Efficiency of Photovoltaic Panels	Gemco Renewable Energy Training Institute	April 2022 1 year	Completed	95,000/-

2021-22

1.	Dr. N. Manoj Kumar Mr.B.Kandhakum a	Improvement of Torque undulation in BLDC using SEPIC and Common end Diode clamped Three-level Inverter	Crystal ClearTechnology & Innovations	January 2021 6 Months	Completed	70,000/-
----	----------------------------------------------	--------------------------------------------------------------------------------------------------------------------------	---------------------------------------------	--------------------------	-----------	----------

2020-21

1.	Dr. A. Siva Kumar Mr.S.Balaji	Harmonic Reduction using Shunt ActivePower Filters	Crystal Clear Technology & Innovations	June 2020 6 Months	Completed	60,000/-
----	----------------------------------	-------------------------------------------------------------	----------------------------------------------	-----------------------	-----------	----------

2019-20

1.	Dr. N. Manoj Kumar Mrs.M.J.Suganya	Congestion Management in Smart DistributionNetwork	EPR Labs	September 2019 8 months	Completed	90,000/-
----	------------------------------------------	-------------------------------------------------------------	----------	----------------------------	-----------	----------