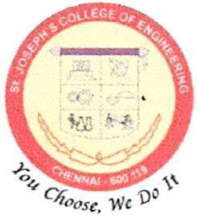


17.12.22



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Circular

Management and staff are happy to inform that Dr. V. R. Jayarama Pradeep, Professor & Head, Department of Electrical & Electronics Engineering has received a grant of Rs. 6,60,000/- for a project under the scheme of "Mathematical Research Impact Centric Support" (MATRICS)

by

Science and Engineering Research Board (SERB),
Department of Science and Technology, Government of India.



Title of the Project: **Analysis of Power Electronic Inverter and Drive Using Discrete Event System Approach.**

CHAIRMAN

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PSG



Department of Electrical and Electronics Engineering Funded Projects

Academic Year	Name of the Faculty(s)	Title of the Project	Funding Agency	Amount	Duration
2021-2022	Dr. M. Ramesh Babu Mr. C. Venkatesh Kumar Mr. S. S. Harish Mr. R. Sreekanth	A Customized CAN bus interfaced battery management system for Li-Ion battery for electric Vehicle	NGEN Solutions Chennai	Rs. 50,000	6 Months
2021-2022	Dr. Jayarama Pradeep Dr. M. Venmathi Dr. V. Krishnakumar Dr. P. Anbarasan	Reactive Power Management Strategy for Renewable Energy Plants	Power Projects Chennai	Rs. 50,000	04 Months
2020-2021	Dr. Jayarama Pradeep Dr. V. Krishnakumar Dr. P. Anbarasan	Solar Energy utility using energy efficient novel converter to provide supply to described load	Tias Energy, Chennai	Rs. 20,000	02 Months
2018-2019	Dr. Jayarama Pradeep Dr. T. V. Narmadha Mr. V. Balasubramanian	Supply and Installation of cluster Facia Inspection system with Barcode Automation	CDCE Automation, Chennai	Rs. 2,50,000	1 1/2 Months
2015-2016	Dr. Ramani Kalpathi	SmartFlo software development	GSVMicrotech private Ltd., Chennai	Rs. 1,00,000	1 Year



Tamil Nadu State Council for Science and Technology

Sl.No	Academic Year	Nameofthe faculty	ProjectTitle	ProjectType Research/ Consultancy	Funding Agency	Amount	Duration
1	2019-2020	Dr.P.Velmurugan	Supercapacitorbased storage system for efficiency improvement of electric vehicles	Research	TNSCST	Rs.7,500	6Months
2	2021-2022	Dr.T.D.Sudhakar	Mitigation of mosquito larvae productioninwater bodies using photovoltaicenergy applied to water agitators	Research	TNSCST	Rs.7,500	6Months
3	2021-2022	Ms.R.G.Nirmala	PowerCompensation in hybrid wind-pv gridconnectedusing PVR	Research	TNSCST	Rs.7,500	6Months
4.	2022 - 2023	Ms.S.P.Vedavalli	Non isolated DC-DC power converter with high gain for EV applications	Research	TNSCST	Rs.7,500	6Months



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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

Congratulations!

The Management, Principal and the Faculty Members congratulate the following students for Winning **First Prize in IEEE Madras Section Student Project Funding (SPF 2020-21)** held on 17th April 2021.

IV year EEE Students			Prize Details
 Kumaran M.S	 Hounandan R	 Prahatheesh B	Title Savvy Forecast LPG Observing and Explosion Management
Faculty Mentor Dr. Jayarama Pradeep Professor & Head (Staff Affairs) Department of EEE			First Place Rs.15,000/- Cash Prize

CHAIRMAN



St.JOSEPH'S COLLEGE OF ENGINEERING CHENNAI-119



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Funded Project details for the academic year 2019-20

Indovator Awards Batch-1

Title of the project: Exact Detection of Accident Place
and Ambulance Rescue System.

Category: Healthcare

Amount sanctioned: INR 48,600

Team members: Sowmiya.M, Krishaa PR,
Madhu Preetha.S

Mentor: Dr. Jayarama Pradeep



Indovator Awards Batch-2

Title of the project: Innovation Through Sanitation through Empathetic Design.

Project Category: Clean water and Sanitation.

Amount sanctioned: INR 18,800.

Team Members: Meenu Preethi K, Jeevitha Magdalene J, Madhumitha PG,
Hari Rajan K, Jeeva CS.

Mentor: Ms. VEDAVALLISP



Indovator Awards Batch-3

Title of the project: Solar Hydro Convertor

Amount sanctioned: INR 14,500

**Team Members: Dennis Christopher Michael, Alrich Roshan SJ, Celestine Raj R,
Dhanush P**

Mentor: Mr. R. Sreekanth



TamilnaduStateCouncilforScienceandTechnologyFund

TitleoftheProject:Supercapacitorbasedstoragesystemforefficiency

improvement of electric vehicles

Amt.inRs.:7500/-

Agency–TamilnaduStateCouncilforScienceandTechnology

GuideName: Dr.P.Velmurugan

Student(s)NameCode:(i)SivaD,(ii)StabinS,(iii)VigneshKSV

Code:EEE-180

Consultancy Project Completed List 2018-2019

Title:“PanelClusterFaciaAssemblyandPokaYokeFixtureSystem”

Amount Sanctioned: Rs.2,50,000/-

Duration: 19.06.2018–19.08.2018

Agency– CDCEAutomation

Staff :
Dr.JayaramaPradeep
Dr.T.V.Narmadha
Mr.V.BalaSubramanian

