

Patents published by faculty

2021-2022

S.No	Name of the faculty	Title of the invention	Application Publication date	Academic Year
1	G Srinivas	Advanced method and process quick electric vehicle charging	202231011560 15/04/2022	2021-2022
2	S V Padmavathi	A Novel Method of Power Quality Enhancement in Grid Integrated System using PV-STATCOM	202141042998 A 01/10/2021	2021-2022

2022-2023

S.No	Name of the faculty	Title of the invention	Application Publication date	Academic Year
1	M Prasantha Reddy	Smart Iot Based Anti-Burglary System for Home	202311023260 19/05/2023	2022-2023
		Water distribution and controlling system using IoT	202311023257 19/05/2023	2022-2023
		Intelligent AI & ML Based System for Surveillance, Incident Reporting, Visual, Patrolling with LORA Module	202311023259 19/05/2023	2022-2023
		Sensor Based Centralized Motor Pumping System	202311023261 19/05/2023	2022-2023
		IoT Based Smart Helmet. Status: Published	202311023258 19/05/2023	2022-2023

2023-2024

S.No	Name of the faculty	Title of the invention	Application Publication date	Academic Year
1	Prof.T Madavi	Method for secure data transmission in wireless AD HOC Networks	202341060455 06/10/2023	2023-2024
		Ground based emergency location transmitter system for civilian search and rescue applications and method employed thereof	202441036218 25/05/2024	2023-2024
		Efficient and affordable charger with adjustable charge controller for universal battery compatibility using DC-DC Converter based on switching regulators and method employed thereof	202441031038 10/05/2024	2023-2024
2	B.Prasad	Intelligent integration system Electric Vehicles using hybrid machine learning techniques and method employed thereof	202341076409 15/12/2023	2023-2024
		System and method for developing auto medic: An IoT integrated device for dynamic treatment adjustment based on continuous monitoring	202441046633 28/06/2024	2023-2024
3	S V Padmavathi	An Ai Integrated Thermal Management System For Electric Vehicle (Ev) Power Converters	202441036360 24/05/2024	2023-2024
		A Dynamic Dosage System For An Iot-Integrated Biomedical Device	202441036229 24/05/2024	2023-2024

2024-2025

S.No	Name of the faculty	Title of the invention	Application Publication date
1	B Prasad	System and method for developing auto medic: An IoT integrated device for dynamic treatment adjustment based on continuous monitoring	202441046633 28/06/2024
2	S V Padmavathi	Advanced Remote Industrial Monitoring and Control System with Cycloconverter-IM Drives and IOT And Method Employed Thereof	202441048704 12-07-2024

Books published by faculty**2021-2022**

S.No.	Name of the faculty	Title of the book/chapters published	Book/Book Chapter	Month of the publication	Year of publication	Name of the publication
1	Dr. P V Rama Krishna	Published a book titled "Artificial intelligence methods for vector control of induction motor"	Book	November	2021	Namya publishers
2	Dr. G.Srinivas	"Artificial intelligence methods for vector control of induction motor"	Book	November	2021	Namya publishers
		Various control schemes for indirect vector control of induction motors	Book	December	2021	Lap lambert academic publishers

2022-2023

S.No.	Name of the faculty	Title of the book/chapters published	Book/Book Chapter	Month of the publication	Year of publication	Name of the publication
1	Dr Md Masood ahmad	Design and Analysis of Low Power VLSI Full Adders and 32-bit Adders”	Book	july	2022	B P International
		Low power sigma delta modulator design	Book	july	2022	B P International

2023-2024

S.No.	Name of the faculty	Title of the book/chapters published	Book/Book Chapter	Month of the publication	Year of publication	Name of the publication
1	Dr. G.Srinivas	Automatic toll collection system	Book	march	2024	Lap lambert academic publishers
		High voltage D.C. Generation from spark gap	Book	iune	2023	Lap lambert academic publishers
2	Prasantha R Mudimela	Nanodevices for Integrated Circuit Design	Book	October	2023	Wiley

Book chapters published by faculty

2021-2022

S.No.	Name of the faculty	Title of the book/chapters published	Book/Book Chapter	Month of the publication	Year of publication	Name of the publication
1	Dr. G.Srinivas	"Study of FPGA Based Vector Control of Induction Motor"	Book chapter	October	2021	B P International
		"Evolutionary Control Scheme For Sensor Less Vector Control Of Induction Motor"	Book chapter	November	2021	South Asian Academic Publications Publication

2022-2023

S.No.	Name of the faculty	Title of the book/chapters published	Book/Book Chapter	Month of the publication	Year of publication	Name of the publication
1	Dr Md Masood ahmad	Threshold Voltage and Source to Body Voltage Analysis in Mosfets	Book chapter	July	2022	B P International

		Leakage Current Analysis in Mosfets Using Matlab GUI	Book chapter	july	2022	B P International
		Operational Amplifier Architectures	book chapter	july	2022	BP International
2	Dr. G.Srinivas	Extended Kalman Filter Approach for Flux and Torque Estimation of Sensorless Vector Controlled Induction Motor	Book chapter	October	2022	AkiNik Publications
		Fuzzy Logic Approach for Flux and Torque Estimation for Sensorless Vector Control	Book chapter	december	2022	AkiNik Publications

2023-2024

S.No.	Name of the faculty	Title of the book/chapters published	Book/Book Chapter	Month of the publication	Year of publication	Name of the publication
1	Dr.S V Padmavathi	Power Quality Enhancement In Grid Integrated System	Book chapter	May	2024	Futuristic Trends in Renewable & Sustainable Energy

2024-2025

S.No.	Name of the faculty	Title of the book/chapters published	Month of the publication	Year of publication	Name of the publication
1	Prof. T Madhavi	Performance evaluation of avionics system under hardware-in-loop simulation framework with implementation of an AS9100 quality management system	Feb	2025	Wiley