



Visvesvaraya

College of Engineering & Technology

(Approved by AICTE, New Delhi & Govt. of T.S., Affiliated to JNTUH, Hyderabad.)
(Sponsored by : Jawahar Educational Society) (An ISO 9001 - 2018 Certified Institution)
M.P. Patelguda (V), Ibrahimpatnam (M), Ranga Reddy Dist - 501510, T.S.

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Department of Electrical and Electronics Engineering

Product Developments

ACADEMIC YEAR 2021-2022

S. No	Year	Name of the Student	Name of the Title	Guide Name
1	2021-22	K. AJAY	Dual axis solar tracking and wind power-based electricity generation and monitoring using IOT	Dr. RAJESH KUMAR SAMALA
		B. ANIL		
		R. LAKSHMIPATHI		
		UPPALA SAI VARMA		
2	2021-22	G. RESHMA	Cloud assisted IOT based SCADA substation monitoring and alert system	Dr. Y. Prakash
		G. KIRAN KUMAR		
		K. HARISH		
		B. BHARATH KUMAR		
3	2021-22	HARIKA.G	IOT based electrical device surveillance and control system	Ms. P. Sujjarilla
		T. AKILA		
		M.ARAVIND		
4	2021-22	YATA SHIVA RAJ	Single phase solar induction motor control and auto power mode over IOT	Mr. K. Raj Kumar
		D.LAVANYA		
		C. RAKESH		
		P. NIHITH		
5	2021-22	R. RAMULU	Auto power supply from four different sources monitoring and control over IOT	Ms. P. Shoba
		PORANDA SRINIVAS		
		G.MAHESH		
		D.VINAY		
6	2021-22	P. SHARATH CHANDRA	Smart borewell child rescue system using AI	Mr. A. Soddulu
		C.SRIKAR		
		A. AMUL		
		N.SAI KUMAR		
		K. JANU		



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7	2021-22	T. YETHENDAR	Techno-economic design and assessment of grid isolated hybrid renewable energy system for agriculture sector	Ms. U. Yojana
		J. RAMYA		
		R. NAVEEN KUMAR		
		M.PURNA CHARAN		
8	2021-22	P.SAI TEJA	Automatic moveable railway platform with auto fencing system monitoring and control using IOT	Ms. B. Sravanthi
		K. PAVAN KUMAR		
		P. ANITHA		
		M.GANESH		
9	2021-22	N. MOUNIKA	IOT based substation monitoring and control	Mr. V. Ravi Kumar
		MD.AFRID		
		CHEPURI SAI KUMAR		
		ORAGANTI SHRAVAN		
10	2021-22	G.SHIVARAJ KUMAR	Solar power based wireless war field robot over IOT	Mr. V. Venu Gopal
		MENGANI VIVEK		
		B.KIRAN KUMAR		
		SHAIK SULEMAN		
11	2021-22	SHAIK ZUBAIR	Advanced security system in military for identification of trespassers using ultrasonic radar	Dr. P. Sudhakar
		SANGI SAI KUMAR		
		VATTIKUTI SHIVA SAI		
		S. RAVINDER		
12	2021-22	K.SHRAVANI	AI based prevention of collision in railways	Dr. RAJESH KUMAR SAMALA
		B.SRIKANTH		
		L.SHIVA SAI		
		SANDEEP		
13	2021-22	BOTLAJUNTA.SAI	Power lines power theft monitoring and auto alert system to power offices using web servers	Dr. Y. Prakash
		K. PAVAN		
		V.KRISHNA TEJA		
		S. RAJA SHEKHAR		
14	2021-22	N. MAHESHWARI	Industrial power transformer load sharing and auto alert IOT	Dr. Y. Prakash
		A. RAGHAVA		
		K. AKASH		
		G. RAMESHBABU		
15	2021-22	R. HANMANTHU	Design and development of an autonomous flood gates using Arduino-uno motor drive controller	Dr. P. Sudhakar
		P. SHASHIKANTH		
		S. NARESH		
		M.SAI KUMAR		
16	2021-22	M.DURGA PRASAD	Underground cable fault detection and auto alert to IOT server along with distance	Ms. P. Sujjarilla
		N.SHIVA KUMAR		
		TUMA MAHESH		
17	2021-22	NADDA NIKHIL	Design and construction of earth fault detection and auto alert system	Mr. K. Raj Kumar
		V.MANASA		
		ORSA MOUNESH		
		U. KARTHIK		

Faculty In Charge

Head of the Department



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Department of Electrical and Electronics Engineering Product Developments

ACADEMIC YEAR 2023-2024

S. No	Year	Name of the Student	Name of the Title	Guide Name
1	2023-24	G. THIRUPATHI	Interconnection switches ON-OFF state identification of distribution network based on load measurement	G. LAVAN KUMAR & B SRAVANTHI
		G CHARAN		
		G GOWRI TULASI		
		P. VISHNU		
		D.RAMANI		
2	2023-24	G SUPRAJA	Real time monitoring of Transmission line parameters	Dr. S. RAJESH KUMAR
		L ARAVIND		
		N. AKSHAY KUMAR		
		S SAI TEJA		
3	2023-24	K SHEKAR	Advanced Distribution Transformer load monitoring and controlling by using GSM modem	R. ARUNA & UPRE YOJANA
		B MADHAVI		
		G THRISHA		
		T GOPI KRISHNA		
4	2023-24	B MADHAVI	Power control of grid connected converters under unbalanced voltage conditions	D. SUBRAMANYAM
		CH. NAVEEN KUMAR		
		D NAVEENA		
		N NIKITHA		
5	2023-24	U. RISHIKA	Fault location in radial distribution system based on optimized allocation of power quality meters	Dr. P. SUDHAKAR
		B. DIVYA		
		CH. VINAY		
		A SATHWIKA		
6	2023-24	K. VAMSHI KRISHNA	Intelligent Electrical load shedding in heavily loaded industrial establishment	S. RAJESH
		J. SANDEEP		
		D.PRAVEEN REDDY		
		G. PRAVEEN KUMAR		
7	2023-24	K PRASHANTH	Experimental study on the tolerance ability of	P SUJJARELLA
		S MANIKANTA		



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		P SURESH M.DHANUNJAI	adjustable speed drives to voltage sag for universal motor using IGBT	
8	2023-24	A KUMAR G KAVYA L SIDDU J SHIRISHA	Dynamic Stability Improvement Issues with a Grid-Connected Micro-grid System	K RAJKUMAR
9	2023-24	K NEERAJ T. RAMESHWAR SINGH G. AKHILASH K. MURALI	Power Enhancement with Grid Stabilization of Renewable Energy- Based Generation System Using UPQC-FLC-EVA Technique	P SHOBHA
10	2023-24	K DEVENDAR K. BHAVANA M.YASHWANTH R. KAVITHA	Improving energy efficiency in predicted energy and actual energy consumption using WSN	A SODDULU
11	2023-24	S. VARUN SANDESH J. ANIL M.MAHESH P. SURESH S. RANGA	Improved Fault Detection and Location Scheme for Photovoltaic Systems	A SRINIVASULU

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Department of Electrical and Electronics Engineering Product Developments

ACADEMIC YEAR 2022-2023

S. No	Year	Name of the Student	Name of the Title	Guide Name
1	2022-23	SUNIL KUMAR	Single phase solar induction motor control and auto power mode over IOT	Dr. S. RAJESH KUMAR
		SHAHED AHMED KHAN		
		KANNAM SAI KIRAN		
		SUPRAJA REDDY		
		KOGURI RAHUL		
2	2022-23	DESHAVATHHANUMANT HU	Vehicle collision detection and avoidance	Dr. Y PRAKASH
		JABBU ANJANEYULU		
		KOLA SAI KUMAR		
		BALLA DIVYA		
3	2022-23	P. HARI KRISHNA NAIK	Vehicle to vehicle communication using LI-FI technology	S RAJESH
		BOYA SAIKRISHNA		
		EERLA RAGHAVENDAR		
		RESHAM NAVEEN		
4	2022-23	BANAVATH SAI GANGA	Smart DC micro grids modeling and power flow analysis of a DC micro grid for ON-grid and weak grid connected communities	K RAJKUMAR
		V. CHANDRAADITYA		
		BOGARAJU ROJA		
		B. RANJITH KUMAR		
5	2022-23	P. KIRAN KUMAR	Virtual reality-based system for Flood Risk management	P SHOBHA
		AMGOTH RITESH NAIK		
		MD SHARIF		
		NIDRA DEVASWAMY		
6	2022-23	KANNURI SUMANTH	A sensor based solar system using electronic circuit for Moisture detection and auto irrigation	A SRINIVASULU
		RATHILA RAMBABU		
		B BHARATH		
7	2022-23	SUDHAM SARIN	Design and Implementation of PWM based speed controller on optimized DC machine driver with the help of GSM message.	D SUBRAMANYAM
		MASKURI SANDHYA		
		RESU UDAY		
		MADGULA PRAVEEN		



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8	2022-23	D.HARISHRUTHI AYYAPPA	Analysis of fault detection and its location using microcontroller for underground cable	Dr. P. SUDHAKAR
		MERUGU SANJAY		
		S RAGHAVENDRA GOUD		


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Department of CSE

PRODUCT DEVELOPMENT

Projects (2023-2024)

S.No.	GuideName	Student Name	Roll No.	ProjectTitle	Name of the Volume
1	B.Jaipal	K. VishnuVardhanReddy	21BT5A0508	DIABETES DISEASE PREDICTION USING MACHINE LEARNING ALGORITHMS	Journal of Nonlinear Analysis and Optimization Vol. 15
		Ch.Naveen	21BT5A0502		
		D.Sudheer	20BT1A0507		
2	K.Pranusha	Chitukula Manisha	20BT1A0506	PERSONALITY AWARE PRODUCT RECOMMENDATION SYSTEM BASED ON USER INTEREST MINING METAPATH DISCOVERY	Journal of Nonlinear Analysis and Optimization Vol. 14
		K.Supraja	20BT1A0516		
		Archana	20BT1A0530		
3	D.MAHESH	KARTHIK	20BT1A0512	A SPAM TRANSFORMER MODEL FOR SMS SPAM DETECTION	MATERIALS SCIENCE AND TECHNOLOGY Vol.23
		PREMCHAND	20BT1A0536		
		RAJESH	20BT1A0508		
4	T.Ramyasri	Andoju Harika	20BT1A0535	CYBERSECURITY AWARENESS IN ONLINE EDUCATION A CASE STUDY ANALYSIS	MATERIALS SCIENCE AND TECHNOLOGY Vol.23
		U. Adarsh	20BT1A0538		
		Amma Arun Kumar	20BT1A0502		
5	Dr.K.Srikanth	K.Nageswari	20BT1A0517	TWEET-BASED BOT DETECTION USING BIG DATA ANALYTICS	SOCIAL SCIENCE JOURNAL Res Militaris, vol.13



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PRODUCT DEVELOPMENT

A.Y 2022-2023

S. No	GuideName	StudentName	Roll No.	Project Title
1	Dr.K.Sriaknth	D.Vaishnavi Reddy	19BT1A0512	Emotion Based Music Recommendation System
		B.Somaditya	19BT1A0508	
		O.Sathvika	20BT5A0510	
		Ch. Ramprakesh	19BT1A0511	
2	Dr. S. SelvaKumar	D.Shilpa	20BT5A0504	DNN Based Fake News Identification and Analysis
		P.Preethi	19BT1A0531	
		Y. Priyanka	19BT1A0548	
		T. Krupa	20BT5A0512	
3	Dr. S. SelvaKumar	M. SudeepKumar	20BT5A0508	Chronic Kidney Disease Prediction and Analysis
		G.Ashwini	20BT5A0505	
		K. Raju	20BT5A0507	
		S.Harish Kumar	20BT5A0511	
4	Mr. V. HirishReddy	A.Yogesh	19BT1A0501	Drop-Store a Secure backup System using multi Cloud and Fog Computing.
		A.SnehithReddy	19BT1A0502	
		G.AniketReddy	19BT1A0505	
		K.RajKumar	18BT1A0514	
5	Mr.B. Jaipal	A.Sarthak	19BT1A0503	Crypto Currency Price Analysis using AI
		S. AkshayKumar	19BT1A0536	
		J.Narahari	19BT1A0518	
		L.Nikhil	18BT1A0518	



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PRODUCT DEVELOPMENT

A.Y (2022-2021)

S. No.	GuideName	StudentName	RollNo.	ProjectTitle
1	Dr. S. SelvaKumar	G.SaitejaChary	18BT1A0509	Stock Price Predictions using Time science Analysis
		Md. SufiAbdulah	18BT1A0524	
		SyedShoaidAli	18BT5A0508	
2	Dr. L. KiranKumarR eddy	G.PREMRAJ	18BT1A0510	Barcode and QR Code Detection.
		V.CHANDU SAGAR	18BT1A0543	
		A.MOHANA KRISHNA MURTHY	16BT1A0545	
		A.ROHAN	16BT1A0502	
3	Mrs. T. RamyaSree	J.Shilpa	18BT1A0535	Crime Data Analysis and Detection Using Machine Learning
		S. Sri VarshaGoud	18BT1A0534	
		C.V. Krishna Reddy	19BT5A0504	
		A. KrishnaChaitanya	17BT1A0503	
4	Mrs.SD. Thaisin	S.RohitRao	18BT1A0537	Human Activity Recognition Using Deep Learning
		G. Pooja	19BT5A0505	
		V.Rahul	17BT5A0572	
		M. NishithGoud	16BT1A0548	
5	Mr.Mahesh	S.AkshithaKSHITHA	18BT1A0536	LOCKTONE VOICE AUTHENTICATION
		K.SowjanyaOWJANYA	18BT1A0513	
		N.Harish	17BT5A0502	
		S.AkshithaKSHITHA	18BT1A0536	