

**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), IBRAHIMBAGH, HYDERABAD – 31**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**Summary of Conferences**

Sl.No	Name of the Faculty	2024-25	2023-24	2022-23	2021-22	2020-21	Total
1	Dr. M. Chakravarthy	1	3				4
2	Dr. K. Ravi Kumar						
3	Dr. Ch.V.S.S.Sailaja	1	1				2
4	Dr. G.Sandya Rani	1		1			2
5	M.Sreenivasulu	1	2				3
6	G.Mahesh	1	2				3
7	N.Uday Kumar			1			1
8	Dr. P.Ravi	2					2
9	P. RajasekharaReddy		1				1
10	Dr. Kasi Ramakrishna Reddy	1		1			2
11	Dr.C. Srinivasarathnam	1			1		2
12	S.K Ruksana	1					1
13	Dr.B.Kiran babu	1				2 (G. Pranava)	3
Total Conferences		11	9	3	1	2	26

**Coordinator**

**HoD-EEE**

**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)**

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**Conferences**

**2024-25**

S. No	Authors	Title	Conference Name	Publisher	Date of Presentation	ISSN
1	Dr.M.Chakravarthy	Modelling of Li-Ion Battery Pack and Simulation of BMS	International Conference on Communications and Cyber Physical Engineering	Springer	July 19, 20-2024	
2	Dr.C.Srinivasa Ratnam	Load Frequency Control in a Renewable Rich Power Systems: An Artificial Hummingbird Optimization Based Multistage PID Control Approach	International Conference on Smart Power Control and Renewable Energy (ICSPCRE)	IEEE	19-21 July, 2024	
3	Dr.Ch.Ramakrishna reddy	A Novel Zero Voltage Switching Full Bridge Converter for Multiple Load Battery Fed LED Driver Applications	2024 IEEE 4th International Conference on Sustainable Energy and Future Electric Transportation (SEFET)	IEEE	31 <sup>st</sup> , July-3 <sup>rd</sup> Aug 2024	
4	M.Sreenivasulu	MPP Tracking of PV System by Using Particle Swarm Optimization Technique	Smart Power Control and Renewable Energy	IEEE	21st & 22nd September 2024	
5	Dr.Ch.V.S.S. sailaja	Performance Analysis of 31 Level MLI based Standalone PV system with Modified Incremental Conductance, Perturb and Observe Methods	IEEE International Conference on Intelligent Systems, Smart and Green Technologies (ICISSGT)	IEEE	02-03 November 2024	

6	Dr.G.Sandhya Rani	Machine Learning Based Load Forecasting Application	International Conference on Present Challenges and Innovations in Electrical Engineering 2024	-	20th & 21st December <b>2024</b>	
7	G.Mahesh	Comparative Analysis of Energy Consumption in Six-Phase and Three-Phase BLDC Hub Motors for Electric Scooter Applications	International Conference on Present Challenges and Innovations in Electrical Engineering 2024	-	20th & 21st December <b>2024</b>	
8	Dr. B. Kiran Babu	Optimal Strategies for Distributed Generation Deployment in Power Distribution Network	International Conference on Present Challenges and Innovations in Electrical Engineering 2024	-	20th & 21st December <b>2024</b>	
9	Shaik Ruksana	Analysis of Relay Coordination in Micro Grid using ETAP Software	International Conference on Present Challenges and Innovations in Electrical Engineering 2024	-	20th & 21st December <b>2024</b>	
10	Dr.Ravi Ponnala	Design and Fabrication of an Adaptive Smart Socket for Intelligent Energy Management in Industrial and Domestic Applications	International Conference on Trends in Material Science and Inventive Materials (ICTMIM-2025)	979-8-3315-0147-1	7-9 April 2025	
11	Dr.Ravi Ponnala	Implementation of a Solar Driven Semi-Autonomous Eco-Friendly Grass Cutter	International Conference on Trends in Material Science and Inventive Materials (ICTMIM-2025)	979-8-3315-0147-1	7-9 April 2025	

Note: Dr.G.Sandhya Rani, G.Mahesh, and Shaik Ruksana got best paper award in ICPCIEE-2024 conference.

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**Conferences**

**2023-24**

S. No	Authors	Title	Conference Name	Journal Name	Date of Presentation	ISSN
1	Dr.M.Chakravarthy	Optimized Convolutional Neural Network for Deregulated Congestion Management	International Conference on Circuit Power and Computing Technologies (ICCPCT)	sponsored by IEEE IAS Society	10-11 August 2023	
2	P. Rajasekhara Reddy	Dual Output Symmetrical Voltage Cancellation Controlled Full Bridge Resonant LED Driver	IEEE 3 <sup>rd</sup> International Conference on Sustainable Energy and Future Electric Transportation (SEFET)	IEEE	09-12 August 2023	
3	M.sreenivasulu	Review of MPPT Technologies for DFIG based Wind Turbines	INTERNATIONAL CONFERENCE ON ENGINEERING RESEARCH AND INNOVATIONS (ICERI-2023)	IFERP	21st & 22nd September 2023	
4	M.sreenivasulu	DFIG based Wind Energy Conversion System with BESS for Stable Operation of Medium Voltage Distribution System	International Conference on Computer & Communication Technologies (IC3T-2023)	Springer	6-7 October, 2023.	
5	G.Mahesh	Long – Term operational Energy production analysis of 200KWp Roof Top Grid Interactive Solar PV System: A Research Study	IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020)	sponsored by IEEE IAS Society	17-20 Dec 2023	
6	Dr.M.Chakravarthy	The Control of Three-Phase Squirrel Cage Induction Motor by Indirect Field Oriented Control for E-Mobility	2023 3rd International Conference on Emerging Frontiers in Electrical and Electronic Technologies, ICEFEET 2023	IEEE	21-22 December 2023	

7	G.Mahesh	Design and Performance analysis of the surface mounted permanent magnet BLDC Hub motor with two different slot – pole combinations for Electric Scooter applications	International Conference on Sustainable Power and Energy Research (ICSPER 2024)	Springer	01-03 march 2024	
8	Ch.V.S.S. Sailaja	Overcurrent Protection Coordination in Distribution System Integrated with Distributed Generation	International Conference on Sustainable Power and Energy Research (ICSPER 2024)	Springer	01-03 march 2024	
9	Dr.M.Chakravarthy	Capacitive Compensation for Enhancement of Load Profile in Microgrid Connected with Back-to-Back Converters	International Conference on Sustainable Power and Energy Research (ICSPER 2024)	-	01-03 march 2024	

S. No	Authors	Title	Conference Name	Journal Name	Date of Presentation	ISSN
1	N.Uday Kumar	Analysis of H6, HERIC and FB Single-Phase Transformerless Grid-Tied Inverter for minimization of leakage current using SVPWM strategy.	International Conference on Sustainable Energy and Future Transportation (SeFet 2022).	Gokaraju Rangaraju Institute of Engineering And Technology and sponsored by IEEE IAS Society	04 - 06 August,2022	
2	Dr.Ch.K.Ramakrishna reddy	Three-Leg Asymmetrical Voltage Resonant Converter for Multiple LED Load Applications with Independent Dimming Control	IEEE IAS Global Conference on Emerging Technologies	sponsored by IEEE IAS Society	May-19-21, 2023	
3	Dr.G.Sandhya rani	Design of 15 kW, 440 V Three Phase Induction Motor for Electrical Vehicle Applications with Improved Efficiency and Wide Speed Range	International Conference on Power Electronics and Energy (ICPEE)	Sponsored by IEEE Society, Bhubaneswar.	22/04/2023	22727169

**Conferences**  
**2021-22**

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	Dr.C. Srinivasa Ratnam	Coordinated Control of PHEVs and DEGs for Frequency Control of Two Area Hybrid Microgrid: An Effective Utilization of PID Controller for Renewable Applications	3rd Electric power and Renewable Energy Conference(EPREC-2022)	May, 2022	International	National Institute of Technology Jamshedpur, India	Springer	

## Conferences

**2020-21**

S.No.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	Dr.G.Pranava	Reconfiguration of distribution network using particle swarm optimization	International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2021	19 – 20/2/2021	International	Shri Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh	IEEE	
2	Dr.G.Pranava	Optimal placement of distributed generation using genetic algorithm	International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2021	19 – 20/2/2021	International	Shri Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh	IEE	