



LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Autonomous)

(Approved by A.I.C.T.E & Affiliated to JNTUGV, Vizianagaram)

Accredited by NBA and NAAC with 'A' Grade

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ACY 2024-25 Conferences

S. No	Name of the Faculty	Title of the Paper	Title of Conference/Seminar	Month & Year	ISBN	Whether National/ International	Publisher	Link of journals
1	Dr.K. Subbaramaiah	Performance Analysis of a Microgrid for the Integration of Wind and Solar Energy Sources	International Conference on Renewable Energy Resources and Applications (ICRERA-2024)	November 2024	2267-1242	International	EDP Sciences	https://www.e3s-conferences.org/articles/e3sconf/abs/2024/121/e3sconf_icrera2024_03003/e3sconf_icrera2024_03003.html
2	Dr.M.Venkateswaran	An Efficient AI Based System for the Detection of Diabetic Maculopathy Using Colour Fundus Images	International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (IConSCEPT)	July 2024	979-8-3315-4068-5	International	IEEE	https://ieeexplore.ieee.org/document/10627839
3	Dr. Yatindra Gopal	A New Approach for Power-Flow Solutions in Radial Distribution Network with 12, 33, and 69 IEEE Bus System	SETCOM-IEEE	Feb-2025		International	IEEE	https://www.setcom2025.in/
4	Mr. J.Vijaychandra	A New Approach for Power-Flow Solutions in Radial Distribution Network with 12, 33, and 69 IEEE Bus System	SETCOM-IEEE	Feb-2025		International	IEEE	https://www.setcom2025.in/
5	Dr. P. Janaki	A New Approach for Power-Flow Solutions in Radial Distribution Network with 12, 33, and 69 IEEE Bus System	SETCOM-IEEE	Feb-2025		International	IEEE	https://www.setcom2025.in/
6	Mr. T. Karthik	A New Approach for Power-Flow Solutions in Radial Distribution Network with 12, 33, and 69 IEEE Bus System	SETCOM-IEEE	Feb-2025		International	IEEE	https://www.setcom2025.in/
7	Dr. Yatindra Gopal	Evaluation of Cuckoo Search MPPT Algorithm for Solar Photovoltaic Inverter Applications	SETCOM-IEEE	Feb-2025		International	IEEE	https://www.setcom2025.in/
8	Mr. J.Vijaychandra	Evaluation of Cuckoo Search MPPT Algorithm for Solar Photovoltaic Inverter Applications	SETCOM-IEEE	Feb-2025		International	IEEE	https://www.setcom2025.in/
9	Dr. P. Janaki	Evaluation of Cuckoo Search MPPT Algorithm for Solar Photovoltaic Inverter Applications	SETCOM-IEEE	Feb-2025		International	IEEE	https://www.setcom2025.in/
10	Mr. Veda prakash kakinada	Evaluation of Cuckoo Search MPPT Algorithm for Solar Photovoltaic Inverter Applications	SETCOM-IEEE	Feb-2025		International	IEEE	https://www.setcom2025.in/



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11	Mrs. B.Vanajakshi	Parameter Estimation of Solar Photovoltaic Module using Aquila Optimization Algorithm	IST 2024	November-2024		International	Springer	https://sites.google.com/nitsri.ac.in/nc-ist2024/home?authuser=0
12	Mr. J.Vijaychandra	Parameter Estimation of Solar Photovoltaic Module using Aquila Optimization Algorithm	IST 2024	November-2024		International	Springer	https://sites.google.com/nitsri.ac.in/nc-ist2024/home?authuser=0
13	Mr. Veda prakash kakinada	Parameter Estimation of Solar Photovoltaic Module using Aquila Optimization Algorithm	IST 2024	November-2024		International	Springer	https://sites.google.com/nitsri.ac.in/nc-ist2024/home?authuser=0
14	Mrs. K. Anitha	Parameter Estimation of Solar Photovoltaic Module using Aquila Optimization Algorithm	IST 2024	November-2024		International	Springer	https://sites.google.com/nitsri.ac.in/nc-ist2024/home?authuser=0
15	Mrs. K. Nagamani	Parameter Estimation of Solar Photovoltaic Module using Aquila Optimization Algorithm	IST 2024	November-2024		International	Springer	https://sites.google.com/nitsri.ac.in/nc-ist2024/home?authuser=0
16	Dr. Yatindra Gopal	Extraction of Maximum Power of a Solar Photovoltaic Energy systems using Cuckoo Search Algorithm	IST 2024	November-2024		International	Springer	https://sites.google.com/nitsri.ac.in/nc-ist2024/home?authuser=0
17	Mr. J.Vijaychandra	Extraction of Maximum Power of a Solar Photovoltaic Energy systems using Cuckoo Search Algorithm	IST 2024	November-2024		International	Springer	https://sites.google.com/nitsri.ac.in/nc-ist2024/home?authuser=0
18	Mr. Bhaskara Rao A	Extraction of Maximum Power of a Solar Photovoltaic Energy systems using Cuckoo Search Algorithm	IST 2024	November-2024		International	Springer	https://sites.google.com/nitsri.ac.in/nc-ist2024/home?authuser=0
19	Mr. J.Vijaychandra	Optimal switching of step-up converter employed in distributive grid using Bayesian Regularization approach	IPDIMS-Springer	Dec-2024		International	Springer	https://ipdims.in/
20	Mr. J.Vijaychandra	Scaled Conjugate Gradient Control Machine learning algorithm for switching of boost converters employed in a grid tied solar PV systems	ICETAE	Dec-2024		International	Springer	https://icetae2024.nitr.ac.in/
21	K.Veda Prakash	Scaled Conjugate Gradient Control Machine learning algorithm for switching of boost converters employed in a grid tied solar PV systems	ICETAE	Dec-2024		International	Springer	https://icetae2024.nitr.ac.in/
22	B.Vanajakshi	Scaled Conjugate Gradient Control Machine learning algorithm for switching of boost converters employed in a grid tied solar PV systems	ICETAE	Dec-2024		International	Springer	https://icetae2024.nitr.ac.in/



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23	A.Bhaskara Rao	Scaled Conjugate Gradient Control Machine learning algorithm for switching of boost converters employed in a grid tied solar PV systems	ICETAEED	Dec-2024		International	Springer	https://icetaee2024.nitr.ac.in/
24	A.Anil Kumar	Scaled Conjugate Gradient Control Machine learning algorithm for switching of boost converters employed in a grid tied solar PV systems	ICETAEED	Dec-2024		International	Springer	https://icetaee2024.nitr.ac.in/
25	Ch.Harika Shivani	Scaled Conjugate Gradient Control Machine learning algorithm for switching of boost converters employed in a grid tied solar PV systems	ICETAEED	Dec-2024		International	Springer	https://icetaee2024.nitr.ac.in/

CAYm-2024-25 BOOK CHAPTERS

S. No.	Name of the Faculty	Title of the Paper	Title of Book	Volume/pp	Month & Year	Publisher	ISBN	Web link of Publication
1	Vijaychandra Joddumahanthi	Artificial Intelligence-Based MPPT Technique for Electric Vehicle Charging System Applications	Emerging Technologies & Applications in Electrical Engineering	1-6	2024	CRC Press	9781003505181	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003505181-2/artificial-intelligence-based-mppt-technique-electric-vehicle-charging-system-applications-vijaychandra-joddumahanthi-anil-kumar-alamanda-dinesh-kantubhukta-anitha-kilari-nagamani-kalyampudi-ramachandra-rao-dogga-hari-priya
2	Mrs. K Anita	Artificial Intelligence-Based MPPT Technique for Electric Vehicle Charging System Applications	Emerging Technologies & Applications in Electrical Engineering	1-6	2024	CRC Press	9781003505181	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003505181-2/artificial-intelligence-based-mppt-technique-electric-vehicle-charging-system-applications-vijaychandra-joddumahanthi-anil-kumar-alamanda-dinesh-kantubhukta-anitha-kilari-nagamani-kalyampudi-ramachandra-rao-dogga-hari-priya
3	Mrs. K Nagmani	Artificial Intelligence-Based MPPT Technique for Electric Vehicle Charging System Applications	Emerging Technologies & Applications in Electrical Engineering	1-6	2024	CRC Press	9781003505181	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003505181-2/artificial-intelligence-based-mppt-technique-electric-vehicle-charging-system-applications-vijaychandra-joddumahanthi-anil-kumar-alamanda-dinesh-kantubhukta-anitha-kilari-nagamani-kalyampudi-ramachandra-rao-dogga-hari-priya



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4	Mr. Vijaychandra Joddumahanthi	A Critical Review on Battery Management Systems in Electric Vehicles: Key Features, Challenges and Recommendations	Emerging Technologies & Applications in Electrical Engineering	6-12	2024	CRC Press	9781003505181	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003505181-2/artificial-intelligence-based-mppt-technique-electric-vehicle-charging-system-applications-vijaychandra-joddumahanthi-anil-kumar-alamanda-dinesh-kantubhukta-anitha-kilari-nagamani-kalyampudi-ramachandra-rao-dogga-hari-priya
5	Mrs. B Vanajaksha	A Critical Review on Battery Management Systems in Electric Vehicles: Key Features, Challenges and Recommendations	Emerging Technologies & Applications in Electrical Engineering	6-12	2024	CRC Press	9781003505181	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003505181-2/artificial-intelligence-based-mppt-technique-electric-vehicle-charging-system-applications-vijaychandra-joddumahanthi-anil-kumar-alamanda-dinesh-kantubhukta-anitha-kilari-nagamani-kalyampudi-ramachandra-rao-dogga-hari-priya
6	Mr. B ram vara Prasad	A Critical Review on Battery Management Systems in Electric Vehicles: Key Features, Challenges and Recommendations	Emerging Technologies & Applications in Electrical Engineering	6-12	2024	CRC Press	9781003505181	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003505181-2/artificial-intelligence-based-mppt-technique-electric-vehicle-charging-system-applications-vijaychandra-joddumahanthi-anil-kumar-alamanda-dinesh-kantubhukta-anitha-kilari-nagamani-kalyampudi-ramachandra-rao-dogga-hari-priya
7	Mr. K vedaprakash	A Critical Review on Battery Management Systems in Electric Vehicles: Key Features, Challenges and Recommendations	Emerging Technologies & Applications in Electrical Engineering	6-12	2024	CRC Press	9781003505181	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003505181-2/artificial-intelligence-based-mppt-technique-electric-vehicle-charging-system-applications-vijaychandra-joddumahanthi-anil-kumar-alamanda-dinesh-kantubhukta-anitha-kilari-nagamani-kalyampudi-ramachandra-rao-dogga-hari-priya
8	Mr. U. Sri Anjaneyulu	A Critical Review on Battery Management Systems in Electric Vehicles: Key Features, Challenges and Recommendations	Emerging Technologies & Applications in Electrical Engineering	6-12	2024	CRC Press	9781003505181	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003505181-2/artificial-intelligence-based-mppt-technique-electric-vehicle-charging-system-applications-vijaychandra-joddumahanthi-anil-kumar-alamanda-dinesh-kantubhukta-anitha-kilari-nagamani-kalyampudi-ramachandra-rao-dogga-hari-priya

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