



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
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(UGC Autonomous)
Department of Electrical and Electronics Engineering

2022-23 SCI Publication List

S.No	Author	Co-authors	Title of the Paper/book/book chapter	Source	DOI	Impact Factor	Publisher
1	A V Pavan Kumar	Balamurali Krishna, P, P Sinha, M Kumar, A V Pavan Kumar, Maharana, Kar	An Intelligent Fault Detection and Classification Scheme for Distribution Lines Using Machine Learning	ESCI	10.48084/etasr.5107	1.5	ETSAR
2	Balaji Damodhar T.S.	Nandagopal V., Balaji Damodhar T.S., Vijayapriya P., Thamilmaran A.	Improving Power Quality by DSTATCOM Based DQ Theory with Soft Computing Techniques	SCIE	10.32604/iasc.2023.032039	2	Tech Science Press
3	Lakshmikhandan K	Ponnappalli B., Lakshmikhandan K., Palanisamy K., Sithambaram M.	A hybrid technique for grid-connected solar-wind hybrid system with electric vehicles	SSCI	10.1177/0958305X231153933	4.2	SAGE Publications Inc.


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2022-23 Scopus Journal Publication List

S. No	Author	Co-authors	Title of the Paper/book/book chapter	DOI	Publisher	Index	Type
1	T.S. Balaji Damaodhar & Arulkumar K.	C.Shakthi gokul rajan, K. S. Arun singh, Balaji Damaodhar, K. Arulkumar	Transient Voltage Stabilization Using Dynamic Voltage Restorer with ANN controller based reactive power compensation	10.48047/e cb/2023.12. 5.038	European Chemical Bulletin	Scopus	Journal
2	Sreenivasulu G	Sreenivasulu G., Sahoo N.C., Balakrishna P.	A coordinated stochastic dispatch model for hybrid energy markets with renewable energy uncertainties using moth flame optimization	10.1007/s1 2667-022- 00535-2	Springer Science and Business Media Deutschland GmbH	Scopus	Journal
3	Bardhan Roy A.	Bardhan Roy A.	Optical studies and validation of multidimensional hybrid metamaterial embedded light trapping structure for p-Si/n-ZnO based thin c-Si solar cell	10.1080/14 328917.20 22.208702 6	Taylor and Francis Ltd.	Scopus	Journal


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2022-23 Other Journal Publication List

S.No	Author	Co-authors	Title of the Paper/book/book chapter	DOI	Publisher	Type
1	Dr. Balaji Damodhar	S. Priyadharsini 1, C. Kannan 1, *, S. Sivakumar 1 and T. S. Balajidamodhar	A review and generation of electricity from waste tyres by using pyrolysis technology	doi.org/10.30574/gjeta.2022.11.1.0064	GSC Online Press	Journal
2	K. Arulkumar	Manideep, Sahina, Shakoor baba Yashwanth kumar, K. Arulkumar	Performance Analysis of Single-Phase Inverter Using Different Modulations Techniques, Vol. No. 08, Issue. 05, 2023.	www.ijrti.org/papers/IJRTI2305106.pdf	International Journal for Research Trends and Innovation	Journal
3	Thurai Raaj V B	R Thejaswini, I Vennele, CV Swaroop Kumar, S Sreemanth Reddy, B Srinivasulu, Dr. V.B. Thurai Raaj	Power Quality Improvement PV based Using S-STATCOM	www.ijrti.org/papers/IJRTI2305068.pdf	International Journal for Research Trends and Innovation	Journal
4	Jambulingam Jawahar Babu	Vavilala Sateesh Kumar, Syed M Shareef, Jambulingam Jawahar Babu	Performance Comparison of the Integer Order and Fractional Order Controllers	https://shorturl.at/evHI2	University of Oradea Publishing House	Journal
5	Sreenivasulu Gumpu	N C Sahoo, Balakrishna	An Optimal transport theory-based approach for efficient dispatch of transactions in energy markets	https://doi.org/10.1049/enc2.12089	Wiley	Journal


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6	Dr. C. Kamal Basha	M. Reddy Nagaraja, Syed Niha, J. rupesh, R. Jaswanth, Dr. C. Kamal Basha	Design a closed loop PFC based Bridge-less Landsman Converter	10.6084/m9.doio ne.IJRTI2304140	Bhavnagar: International Journal for Research Trends and Innovation	Journal
7	Dr. A. V Pavan Kumar	Hemalatha Nossam, Maneesha Syamakalla, Mohammed Sufian, Mallikarjuna Yanamala, Dr. A. V Pavan Kumar	Speed Control of Electric Vehicle Based on SOC of the Battery	https://www.doi. org/10.56726/IRJ METS38577	International Research Journal of Modernization in Engineering Technology & Science	Journal
8	Dr. A. V Pavan Kumar	Veligandla Venkata Chandra Kanth, Gadikatla Sai Priya, Korlakunta Rukmini, Majjari Subramanyam, Dr. A.V. Pavan Kumar	Review on Piezo-Electric Materials	10.6084/m9.doio ne.IJRTI2304169	International Research Journal of Modernization in Engineering Technology & Science	Journal
9	Dr. A. V Pavan Kumar	K. Bhargavi, K. Balaji, A V Pavan Kumar, P.S. Ganesh, K. Mohammad Ashraf	A Single Stage Buckboost Transformerless Inverter for Single Phase Grid Connected Solar PV System	10.6084/m9.doio ne.IJRTI2305104	International Research Journal of Modernization in Engineering Technology & Science	Journal


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