

CSMSS
Chhatrapati Shahu Maharaj Shikshan Sanstha's
CHH. SHAHU COLLEGE OF ENGINEERING

Kanchanwadi, Paithan Road, Chh. Sambhajinagar 431 011
Ph. No.: (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222
Website: www.csmssengg.org

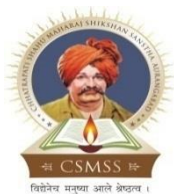


Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). **DTE Code: 2533**

Department of Electrical Engineering

List of Publications (Journal / Conference/ Proceedings / Book Chapters etc...)

Sr. No	Details	Type (Journal / Conference/ Proceedings / Book Chapters)
	A. Y. 2024-25	
1	Hardas, B.M., Aush, M.G., & Raut, V. (2024). Data-driven optimization strategies for enhanced cardiovascular risk assessment. <i>Journal of Statistics and Management Systems</i> , 27, 315-325. (SCI and Scopus Indexing)	Journal
2	Dongare, Y., Hardas, B.M., Srinivasan, R., Aush, M.G., & Kulkarni, A. (2024). Deep neural networks for automated image captioning to improve accessibility for visually impaired users. <i>International Journal of Intelligent Systems and Applications in Engineering</i> , 12(2s), 267-281. (SCI and Scopus Indexing)	Journal
3	Hardas, B.M., Kaushik, S., Goyal, A., Aush, M.G., & Chiwhane, S. (2024). Deep learning with multi-headed attention for forecasting residential energy consumption. <i>International Journal of Intelligent Systems and Applications in Engineering</i> , 12(2s), 109-119. (SCI and Scopus Indexing)	Journal
4	Hardas, B.M., Raut, V., Palsodkar, P., & Aush, M.G. (2024). Machine learning and enhanced encryption for edge computing in IoT and wireless networks. <i>Journal of Electrical Systems</i> , 20(1s). (SCI and Scopus Indexing)	Proceeding
5	(Dr. Suraj R. Karpe, Sanjay Deokar, & Dr. Ulhas B. Shinde , Trans.). (Predictive Controller Strategies for Electrical Drives System using Inverter System 2024) <i>International Journal of Emerging Science and Engineering (IJESE)</i> , 12(7), 27-39. https://doi.org/10.35940/ijese.E4114.12070624 More Citation Formats	Journal
	A. Y. 2023-24	
1	Dhopavkar, G., Aush, M.G., et al. (2023). Optimizing resource allocation in cloud for large-scale deep learning models in natural language processing. <i>Journal of Electrical Systems</i> , 19, 62-77. (SCI and Scopus Indexing)	Journal



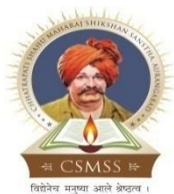
CSMSS
Chhatrapati Shahu Maharaj Shikshan Sanstha's
CHH. SHAHU COLLEGE OF ENGINEERING

Kanchanwadi, Paithan Road, Chh. Sambhajinagar 431 011
Ph. No.: (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222
Website: www.csmssengg.org



Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). **DTE Code: 2533**

2	Prof. Ajinkya D.Salpe .2.Mukta G.Shelke1 https://ijsrem.com/download/iot-based-automatic-vehicle-accident-and-rash-driving-alert-system/ Volume: 08 Issue: 04 April - ISSN: 2582-3930	Journal
3	Prof. Ajinkya D. Salpe 2. Priyanka Ingale, https://ijsrem.com/download/advance-cashless-transport-system/ Volume: 08 Issue: 04 April - 2024 ISSN: 2582-3930	Journal
4	Prof. Ajinkya D.Salpe Priyanka Rathod1, Cloud Based Smart Energy Meter/, (IJSREM) Volume: 08 Issue: 04 April - 2024 ISSN: 2582-3930	Journal
5	Suraj R. Karpe, S.A. Deokar, U.B. Shinde, “Electrical Drives Using Model Predictive Controller Strategies”, Journal of Control and Instrumentation Engineering, Vol. 9 No. 1 (2023)	Journal
6	Suraj R. Karpe,Ulhas B. Shinde, A. N. Mudiraj,M.G.Aush, N. N. Nikam, “Review on Audit of Electric Vehicle Battery Lifecycle”, Journal of Control and Instrumentation Engineering, Vol. 9 No. 2 (2023)	Journal
7	Suraj R Karpe, Dr.U.B.Shinde, Review on Fuzzy Logic Controller based Direct Torque Control of Induction Motor, 8th International Conference on Engineering Research and Innovations (ICERI-2023)” Organized by Terna Engineering College (TEC), Nerul, Navi Mumbai in association with Institute For Engineering Research and Publication (IFERP) held on 21st & 22nd September 2023 as Virtual Conference	Conference Proceedings
	A. Y. 2022-23	
1	Electrical And Electronics Engineering For SPPU Sem 3 Mechanical Engineering And Automobile Engineering Course Code :203156) Academic Year 2020-2021 (Paperback, Prof. Prabhakar Keni, Dr. Suraj R. Karpe, Ankush P. Agrawal, Dr. Manav A. Thakur)	Book
2	Aush, M.G., & Vadirajacharya, K. (Year not specified). FPGA based real-time simulation of grid interaction using cascaded H-bridge multilevel inverter. <i>Advances in Intelligent Systems and Computing</i> . Springer Link. (Scopus Indexing)	Journal
3	Aush, M.G., & Vadirajacharya, K. (Year not specified). Real-time analysis and simulation of five-level grid-connected H-bridge inverter using FPGA-based controller. <i>International Journal of Engineering and Technology</i> . (Scopus Indexing)	Journal
	A.Y. 2021-22	



CSMSS

Chhatrapati Shahu Maharaj Shikshan Sanstha's

CHH. SHAHU COLLEGE OF ENGINEERING

Kanchanwadi, Paithan Road, Chh. Sambhajinagar 431 011

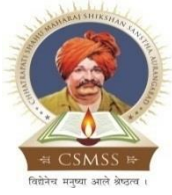
Ph. No.: (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222

Website: www.csmssengg.org



Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). **DTE Code: 2533**

1	et. al., S. R. K. (2021). Improved Performance of Direct Torque Control with PMSM compared to DTC with Induction Motor Turkish Journal of Computer and Mathematics Education (TURCOMAT), 12(10), 6351 – https://doi.org/10.17762/turcomat.v12i10.5477	Conference Proceedings
2	Principle Design of Transformer and Electrical Machine Paperback Import, 12 February 2021 by Ulhas B Shinde (Author), Abhay N Mudiraj (Author), Suraj R Karpe (Author)	Book
3	Bakal, Shital, and Sanjay M. Shinde. "VOLTAGE CONTROLLED SEPIC CONVERTER FED INDUCTION MOTOR DRIVE." <i>Journal of Research in Engineering and Applied Sciences</i> 6, no. 1 (January 21, 2021): 38–42. http://dx.doi.org/10.46565/jreas.2021.v06i01.007 .	Journal
4	Shital Bakal , Dr. Sanjay M.Shinde A Review on SEPIC Converter fed Three- phase Induction Motor	Journal
A.Y. 2019-20		
1	Rohit Gadappa and Anita Bhole, "Online Diagnosis of Stator Faults in Induction Motor" International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9, Issue-1, November 2019	Journal
2	S. V. Kale, Dr. N. R. Bhasme, (2019). DC Feeder Voltage Control Strategy of Bidirectional DC to DC converter for Railway Traction. International Journal of Recent Technology and Engineering (IJRTE). 8. 5270-5274. 10.35940/ijrte.D7433.118419.	Journal
3	Aush, M.G., & Vadirajacharya, K. (Year not specified). FPGA based real-time simulation of grid interaction using cascaded H-bridge multilevel inverter. <i>Advances in Intelligent Systems and Computing</i> . Springer Link. (Scopus Indexing)	Journal
4	Kale Sachin and Bhasme, Dr. N.R., DC to DC Converters and Its Application for Railway System - A Review (March 13, 2019). International Journal of Electrical Engineering & Technology, 10(4), 2019, pp. 13-21., Available at SSRN: https://ssrn.com/abstract=3553873	Journal
A.Y. 2018-19		
1	Rohit Gadappa and Anita Bhole , "Comparative Analysis of Induction Motor Fault Detection Techniques" 2019 4th International Conference on Recent Trends on Electronics,	Conference Proceedings



CSMSS
Chhatrapati Shahu Maharaj Shikshan Sanstha's
CHH. SHAHU COLLEGE OF ENGINEERING

Kanchanwadi, Paithan Road, Chh. Sambhajinagar 431 011
Ph. No.: (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222
Website: www.csmssengg.org



Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). **DTE Code: 2533**

	Information, Communication & Technology (RTEICT), Bangalore, India, 2019, pp. 1-19, doi: 10.1109/RTEICT46194.2019.9016824.	
2	Anil R. Sansare ¹ , C.O. Reddy ² , Ajinkya Salpe ³ , PROMINENT MPPT TECHNIQUES FOR PV CELL Volume: 06 Issue: 04 Apr 2019e-ISSN: 2395-0056.	Journal
3	Suraj Rajesh Karpe, Sanjay A. Deokar, Arati M. Dixit, Switching losses minimization and performance improvement of PCC and PTC methods of model predictive direct torque control drives with 15-level inverter, Journal of Electrical Systems and Information Technology, Volume 5, Issue 3, 2018, Pages 759-776, ISSN 2314-7172, https://doi.org/10.1016/j.jesit.2017.01.009	Journal
4	Nitesh.N.Nikam,Dipesh Thakur;Chaitanya Harne;Navnath Thombre "Multi-function auto cleaner" International journal of mechanical and production engineering 2320-2092 http://www.iraj.in/journal/journal_file/journal_pdf/2-449-152517077444-47.pdf	Journal
5	Nitesh.N.Nikam,Dipesh Thakur;Chaitanya Harne;Navnath Thombre " Multi-tasking Auto cleaner" International Research journal of Engineering and technology 2395-0072 https://www.irjet.net/archives/V5/i1/IRJET-V5I1303.pdf	Journal
6	Performance Improvement of Induction Motor using Direct Torque Cotrol (English, Paperback, Karpe Suraj) A.Y. 2017-18	Book
1	Chandankar, Satyam & Bhole, A.A. (2017). Sensitivity analysis of TRV in series compensated transmission lines. 852-855. 10.1109/RTEICT.2017.8256718. A.Y. 2016-17	Journal
1	PROF. AJINKYA D.SALPE, GAYATRI G.PANNAMShunt Active Power Filter with 3 Level 4 Leg FCC for Power Quality Improvement Vol. 6, Issue 6, June 2017ISSN (Print) : 2320 – 3765 DOI:-10.15662/IJAREEIE.2017.0606059	Journal
2	AJINKYA D. SALPE, 2 U. V. PATIL ANALYSIS OF EFFICIENT SOLAR POWER OPTIMIZER FOR DC DISTRIBUTION SYSTEM International Journal of Industrial Electronics and Electrical Engineering, ISSN: 2347-6982 Volume-4, Issue-7, Jul.-2016 IRAJ DOI Number - IJIEEE-IRAJ-DOI-5058.	Journal