



Dr. Sasankar Sekhar Sarma

Designation: Assistant Professor

Date of joining: 03/10/2007

Qualification:

1996	B.E (Electrical Engineering)	Assam Engineering College, Guwahati
2013	M.E. (High Voltage Engineering)	Jadavpur University, Kolkata
2021	Ph.D. (HVE)	Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan

Email: sasankasekharsharma@gmail.com

Phone No.: +919678323752

Specialization: High Voltage Engineering

Publications:

1. Sasanka Sekhor Sharma, R.R.Joshi , Raunak Jangid, and Shripati Vyas, “Intelligent Techniques For Mitigation Of Transient Over-Voltages In Gas Insulated Sub-Station And Effects Of VFTO”. Journal Of Critical Reviews, ISSN- 2394-5125 VOL 7, Issue 14, 2020.
2. Sasanka Sekhor Sharma, R.R.Joshi, Raunak Jangid, Shripati Vyas, Bheru Das Vairagi and Megha Vyas, “Mitigation Of Transient Over-Voltages And VFTO Effects On Gas Insulated Sub-Station” Journal of Solid State Technology, ISSN 0038-111X , Volume: 63 Issue: 5, 2020.
3. Sujit Kumar, Shripati Vyas, Ritesh Tirole, Megha Vyas, Sasanka Sekhor Sharma , Srawan Singh Rao, “Strategies to Enhance Solar Energy Utility in Agricultural Area of Rajasthan State, India”. FEST 2020 Journal of Physics ISSN.1742-6596, Conference Series 1854 (2021) 012013 IOP Publishing doi:10.1088/1742-6596/1854/1/012013,2021.
4. Sujit Kumar, Himani Paliwal, Shripati Vyas, Sasanka Sekhor, Vikramaditya Dave, Srawan Singh Rao, “Dynamic Wireless Power Transfer in Electric Vehicles”. FEST 2020 Journal of Physics ISSN.1742-6596, Conference Series 1854 (2021) 012014 IOP Publishing doi:10.1088/1742-6596/1854/1/012014,2021.
5. Mustafa Wasir Ahmed, Manash Jyoti Baishya, Sasanka Sekhor Sharma, and Manash Hazarika, “Determination of accuracy of winding deformation method using kNN based classifier used for 3 MVA transformer,” *International Conference on Electrical, Electronics, Materials and Applied Science AIP Conf. Proc.* 1952, 020089-1–020089-12;
6. Yashwant Joshi, Dr. Jai Kumar Maherchandani, Dr. Vinod Kumar Yadav, Dr. Raunak Jangid, Shripati Vyas and Sasanka Sekhor Sharma, “ Performance Improvement of Standalone Battery Integrated Hybrid System”. ISBN: 978-1-7281-7612-3, 7th International Conference on Electrical Energy Systems (ICEES) | 978-1-7281-7612-3/20/\$31.00 .IEEE. 2021.
7. Sasanka Sekhor Sharma, R.R.Joshi , Shripati Vyas and Megha Vyas, “An Intelligent Technique for Enhancing the Service Life of MV Circuit Breaker by Thermographic Analysis”. National Conference JNANA CHILUME on Automation, Control and Communication jointly organized by Department of Electronics and Communication Engineering & Department of Robotics and Automation at Faculty of Engineering and Technology , JAIN (Deemed to be University), Jakkasandra, Kanakapura Taluk, Karnataka, 25th Nov, 2020.

8. Sasanka Sekhor Sharma, R.R.Joshi , Shripati Vyas and Megha Vyas, “AI based techniques for mitigation of transient over-voltages in Gas Insulated Sub-Station,” International Conference on Recent Challenges and Opportunities in Engineering, held on 13-14 March, 2021 at College of Technology and Engineering, MPUAT, Udaipur, Rajasthan.
9. Mohammad Aarif, Deepak Joshi, Raunak Jangid and Sasanka Sekhor Sharma, “Grid Power Smoothing Management for Direct Drive PMSG Variable Speed Wind Energy Conversion System with Multilevel Converter” 7TH International Conference on ICT for Sustainable Development, 29-30 July , 2022 .
10. Sasanka Sekhor Sharma, Shripati Vyas, Megha Vyas and Sujit Kumar , “ Mitigation of Transient Over-Voltages with Intelligent Optimization Technique and VFTO Effects on Gas Insulated Sub-Station”. International Conference on Computing, Networks & Renewable Energy ,August 5-7, 2021 held on Punjab Technical University, Kapurthala.
11. Sasanka Sekhor Sharma, R.R.Joshi , Shripati Vyas and Megha Vyas, “ ANN Based Intelligent Techniques for Mitigation of Transient Over-Voltage in Gas Insulated Sub-Station”. National Conference JNANA CHILUME on Automation, Control and Communication jointly organized by Department of Electronics and Communication Engineering & Department of Robotics and Automation at Faculty of Engineering and Technology , JAIN (Deemed to be University), Jakkasandra, Kanakapura Taluk, Karnataka, 25th Nov, 2020.
12. Dr. K. Pradeepa, Mrs. K. Jayanthi Vagini, Dr. Apsara Saleth Mary. A, Dr. Sasanka Sekhor Sharma, etc. Title of Invention: IoT and Artificial Intelligence based perdition of food contamination using data mining techniques. Patent Filing Date: 19/03/2022.
13. Dr. Sujit Kumar, Dr. Sasanka Sekhor Sharma etc. Title of Invention: An IoT based intelligent charging system for recharging batteries of Electric Vehicle. Patent Filing Date: 06/09/2022.
14. Dr. Sasanka Sekhor Sharma, Dr. Bheru Das Vairagi, Dr. Raunak Jangid and Mrs Shruti Bhadviya, “Design of Electrical Apparatus”. Scientific International Publishing House, ISBN: 978-93-5625-146-5. Year of allotment of ISBN: 2022.