

EXPERIENCE:

Name of the Employer	Position Held	Period	
		From	To
SRI SAI RAM ENGINEERING COLLEGE	ASSISTANT PROFESSOR	JUNE 2014	TILL DATE
SRI VENKATESHWARAA COLLEGE OF TECHNOLOGY	ASSISTANT PROFESSOR	JUNE 2013	MAY 2014
SRI RUKMANI ELECTRICALS	MAINTENANCE SUPERVISOR	JUNE 2009	JUNE 2011

AICTE QIP PG Certificate Programme:

Atal Bihari Vajpayee Indian Institute of Information Technology and Management (ABV-IIITM), Gwalior, June 2025 – December 2025.

Courses Completed: **AI and ML for Intelligent Transportation Systems; Total Credits: 18 | CGPA: 8.83 |**

Patents Details:

Name of the Inventor	Title	Application No.	Patent Filed Date	Status
MOHAN S	WASTE HEAT INTO ELECTRICITY	201941052773	19/12/2019	PUBLISHED
MOHAN S	OPTIMIZATION OF NEW PRODUCT DEVELOPMENT CYCLE THROUGH FUZZY LOGIC	202141025443 A	25/06/2021	PUBLISHED

PUBLICATIONS:

1. Photovoltaic Fed Flyback Converter By Using Improved Perturb and observe algorithm 6th International e-Conference on Green Technologies for Power generation, Communication and Healthcare (ICGPC 2020) –6th June 2020
2. K.Rajkumar, Dr.S.Vasuhi, S Mohan IOT Based Battery Thermal Monitoring in E Vehicle System 2022 International Conference on Communication, Computing & Internet of Things (IC3IoT- 2022)
3. R. P, Mohan.S, G. J, J. E, S. K and P. P, "Intimation of Accident Zone Location," 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2022, pp. 1-4, doi: 10.1109/ICPECTS56089.2022.10046715.
4. Mohan.S, C. Nayanatara and J. Baskaran, "Distributed Network Welfare Maximization DSM-DG Strategy," 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2022, pp. 1-4, doi:
5. S Mohan, V. Raghuvaran z source network based wireless power transfer for electric vehicle application Journal of the Gujarat Research Society 1923-1926
6. Dr.K.Suresh,S.Mohan, P.Rajakumar, M.Rajasekaran,K.Rajkumar, M.Velmurugan "Smart Automatic Accident Detection And Messaging System", Ilkogretim Online - Elementary Education Online, Vol. 20, No.1, pp. 4955-4966, 2021, <http://ilkogretim-online.org/index.php?iid=2021-20-1.000&jid=218>
7. Mohan.S, R. K, R. P, H. P. S M, G. S and B. M, "Automatic Solar Tracking System," 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2022, pp. 1-4, doi: 10.1109/ICPECTS56089.2022.10047670.
8. K. Rajkumar, S. Mohan, A. N. Begum, T. K and V. U, "Electronic Wheelchair With Eye Motion Control For Physically Hectic People," 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2022, pp. 1-6, doi: 10.1109/ICPECTS56089.2022.10047183.
9. K. Rajkumar, S. Mohan, Y. S, Y. N and G. M, "Gas Leakage Detection And Refilling System With Automated Fault Clearness," 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2022, pp. 1-5, doi: 10.1109/ICPECTS56089.2022.10047478.
10. Mohan.S, S. Sumitha, G. G, P. K. U, A. R and T. K. G, "Improving Torque in PMSM by Introducing Flux Barrier," 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2022, pp. 1-6, doi: 10.1109/ICPECTS56089.2022.10046788.
11. Mohan.S.Solar powered energy efficient distriution system Test Engineering and Management 81(11-12), Page Number:3549-3552

12. R. Ramesh , S. Mohan , N.S. Sivakumar , M. Bruhathi , S. Arun Kumar , M. Ramarao , S. Marichamy , Ram Subbiah “Experimental investigation of lost foam casting process on aluminium” Materials Today: Proceedings, 2021,
13. Mohan. S, K. Rajkumar, K. Suresh, J. Harinarayanan Photovoltaic Fed Flyback Converters using Improved Perturb and Observe Algorithm 2021 4th International Conference on Computing and Communications Technologies (ICCCT)
14. Mohan.S, C. Nayantara, R. K, K. Ambika, A. S and S. D, "Charging Electric Vehicles at Fuel Stations Using Solar Energy And Fuel Cell Technology," 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS), Chennai, India, 2023, pp. 1-6, doi: 10.1109/ICCEBS58601.2023.10449226.
15. S. Mohan, M. Balasakthishwaran, S. Gandhi, G. Sarvesh, P. Priyadarshan and P. Rohinth, "Transmission Line Fault Detection Using IoT," 2024 International Conference on Communication, Computing and Internet of Things (IC3IoT), Chennai, India, 2024, pp. 1-4, doi: 10.1109/IC3IoT60841.2024.10550195.
16. Mohan.S, C. Nayanatara, K. Shweta and S. B J, "Distribution System Planning through Integrated Distributed Generation using the Shuffled Frog Leaping Algorithm," 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2024, pp. 1-5, doi: 10.1109/ICPECTS62210.2024.10779996.
17. C. Thingom, Mohan.S, E. A. Banu, E. Saranya, M. Jasmin and K. Anuradha, "AI-Based Load Forecasting for Demand Response," 2025 International Conference on Frontier Technologies and Solutions (ICFTS), Chennai, India, 2025, pp. 1-6, doi: 10.1109/ICFTS62006.2025.1103167

FACULTY DEVELOPMENT AND TRAINING PROGRAMS :

1. Development Programme on “DC Microgrids – Opportunities and Challenges”, School of Electrical Engineering (SELECT), Vellore Institute of Technology, Chennai, 15 December 2018.
2. AICTE Sponsored Online Two-Week Faculty Development Programme on “Enhancement of Data Analytics for Smart Grid (Series-2)”, Department of Electrical and Electronics Engineering, K.L.N. College of Engineering, 30 November 2020 – 12 December 2020.
3. AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme on “Sustainability Engineering”, conducted at Vellore Institute of Technology, 14 December 2020 – 18 December 2020.
4. Faculty Industrial Training Programme (15 Days), GH Induction India Pvt. Ltd., Chennai, 20 January 2022 – 05 February 2022.
5. AICTE Training and Learning (ATAL) Academy Faculty Development Programme on “Cyber Security in Cloud Computing Technologies”, Sri Sai Ram Engineering College, 30 October 2023 – 04 November 2023.
6. AICTE Recognized Faculty Development Programme on “Effective Teaching Learning Using Social Media”, National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, 27 May 2024 – 31 May 2024.