



**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

**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

**Faculty Development Program / Workshop / Conference Attended****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: 10.1109/ICPECTS56089.2022.10047639.
5. 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.
6. 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.
7. 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.
8. 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.
9. Mohan.S.Solar powered energy efficient distribution system Test Engineering and Management 81(11-12), Page Number:3549-3552
10. 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,
11. 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)
12. S Mohan, V. Raghuvaran z source network based wireless power transfer for electric vehicle application Journal of the Gujarat Research Society 1923-1926
13. 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>

**Faculty development Program:**

1. FDP on “Matlab simulation of power electronic circuits on”21.04.2015 to 23.04.2015”
2. FDP on “digital simulation of power electronic circuits through PSPICE software from “15.07.2015 to 18.07.2015”
3. Attended the Faculty Development Program on” Electrical Simulation Software’s”at Sri Sairam Engineering college, 06-11-17 to 10-11-17.
4. AICTE Training And Learning (ATAL) Academy Online FDP on "Sustainability Engineering" from 2020-12-14 to 2020-12-18 at Vellore Institute of Technology
5. AICTE Training And Learning (ATAL) Academy Online FDP on "Design Thinking" from 2020-10-12 to 2020-10-16 at University College of Engineering(A), JNTUK
6. AICTE Training And Learning (ATAL) Academy Online FDP on "Sustainability Engineering" from 2020-12-14 to 2020-12-18 at Vellore Institute of Technology