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QUALIFICATION:

UG : B.E., Electrical and Electronics Engineering, Annamalai University, May' 2008.

PG : M.Tech., Electronics and Control Engineering, SRMIST, Kattankulathur, May'2011.

Ph.D : Pursuing in the area of Energy Storage in EV and Smart grid applications at VIT, Chennai.

RESEARCH INTEREST:

- ❖ Energy storage (Batteries and Supercapacitors)
- ❖ Electric vehicles
- ❖ Smart grids

ACADEMIC EXPERIENCE:

- 1. Institution** : SRM Institute of Science & Technology, Ramapuram campus.
- Designation** : Assistant Professor in EEE department.
- Duration** : From 2nd January 2013 to till date. (10 YRS)

2. **Institution** : **Krishnasamy College of Engg and Tech Cuddalore.**
- Designation** : **Assistant Professor in EEE department.**
- Duration** : **From December 15, 2011, to December 18, 2012. (1 Y.R.)**

PUBLICATION DETAILS:

- ❖ Published a paper in International Journal of control theory and applications on **“Remote Control and Monitoring of Solar Powered Robotic Automation Vehicle Using LabVIEW”** I J C T A, 9(37) 2016, pp. 875-881
- ❖ Published a paper in International Journal of control theory and applications on **“Investigation of Facts Controller”** IJCTA 9(2) 2016, PP.607-618
- ❖ Published a paper in International Journal of Recent Technology and Engineering on **“Electric Bikes Over Fuel Bikes with the Help of ANFIS Model in India”** (IJRTE) ISSN: 2277-3878, Volume-8, Issue-1S4, June 2019
- ❖ Published a paper in International Journal of Recent Technology and Engineering on **“A Research on Microgrid Technology by Non-Conventional and Renewable Sources”** volume 8, Issue 2s8, 2019/8
- ❖ Published a paper in European Journal of Molecular & Clinical Medicine on **“Application of Soft Computing Techniques in the Analysis of COVID – 19: A Review”** ISSN 2515-8260 Volume 7, Issue 06, 2020
- ❖ Published a paper in Turkish Journal of Physiotherapy and Rehabilitation on **“LPG Leakage Detection and Prevention using SVL Technology”** volume 32, Issue 3, 2021/5
- ❖ Published a paper in ECS Transactions **“Reactive Power Injection to Grid Using Transformer-Less MOSFET Based Single Phase Inverter Using PV to Achieve High Efficiency”** volume 107, Issue 1, 2022/4
- ❖ Published a paper in ECS Transactions **“Energy Improvement in Distribution Network Using Sliding Mode Controller Based SVC System”** volume 107, Issue 1, 2022/4
- ❖ Published a paper in Journal of Pharmaceutical Negative Results **“Advancement of a Hybrid Energy Storage Framework (HESS) For Electric and Plug-in Hybrid Electric Vehicles: A Modern Control Technique”** Pages 1563-1569, 2022/10

- ❖ Published a paper in Futuristic Communication and Network Technologies: Select Proceedings of VICFCNT 2021, Springer Nature Singapore “**Frequency and Stability Control of Photovoltaic and Wind-Powered Grid-Connected DC Bus System**” Volume 1, Pages 105-114, 2023/05/19

PATENTS :

- ❖ **Patent Number: 202341032697 A**

Title of invention: **System for Ensuring the Safety of School-Age Passengers Using Esp32**, Published on: 23/06/2023

- ❖ **Patent Number: 202341026218 A**

Title of invention: **Autonomous Camera-Equipped Patrol Robot With Lidar For Efficient And Safe Security Monitoring**, Published on: 26/05/2023

- ❖ **Patent Number: 202241074372 A**

Title of invention: **Supervisory Control, Monitoring, and Data Acquisition for Remote Industry using Arduino**, Published on: 30/12/2022

- ❖ **Patent Number: 202241047142**

Title of invention: **System And Design Of Wind-Induced Pressure Prediction On Tall Buildings For Smart City**, Published on: 26/08/2022

PROFESSIONAL BODIES:

- ❖ Member of International Association of Engineers (IAENG)
- ❖ Member of the International Society for Research & Development (ISRDR)

RESPONSIBILITIES:

- ❖ Department Admissions Co-ordinator
- ❖ Department Hostel Co-ordinator
- ❖ Department Tamil mandram Co-ordinator
- ❖ Department Discipline Co-ordinator
- ❖ Department Maintenance Co-ordinator