

PROFILE


- 01. Name** : Mr.M.Subramani
02. Designation : Assistant Professor
03. Date of Birth : 07.06.1984
04. Date of Joining : 14.07.2009
05. Mobile No. : 9566670739
06. Mail Id : subramani@ksrce.ac.in
07. Professional Membership : ISTE, IAENG
08. Area of Interest : Embedded Systems
09. Qualification:

S.No.	Qualification	Specialization	Name of the Institution/ University	Year of Completion	Class & % of Marks
1	M.E.,	Embedded And Real Time Systems	CIT, Coimbatore Anna University	2009	First Class with Distinction 8.79 CGPA
2	B.E.,	EEE	BIT, Sathyamangalam	2006	First Class 71%

10. Experience & Designation Details:

S.No.	Name of the Organization	Designation	Period	
			From	To
1.	K.S.R. College of Engineering	Assistant Professor	01.07.2010	Till Date
2.	K.S.R. College of Engineering	Lecturer	14.07.2009	30.06.2010

11. Publication Details:

National Level		International Level	
Journal(s)	Conference(s)	Journal(s)	Conference(s)
NIL	12	05	11

*-Annexure

12. Patterns & Copyrights

S.No.	Title	Name of the author(s)	Publisher Name	Year of publication
1.	Embedded Systems Laboratory Manual	M.Subramani M.Vijayakumar S.SenthilKumar J.Thiyagarajan S.Dhivagar	Copy Rights Office	May 2020
2.	Solar Mobile Charger	Dr.R.Poornima Dr.R.Satheeskumar Mr.S.Gowtham Mr.M.Subramani	IP India	Design Application Filled (19.05.2022)
3.	Electric Vehicle Headlight Console	1.Dr. T. Santhana Krishnan 2. Mrs. K Madumathi 3.Mr. M. Subramani 4.Dr. Chirag Vibhakar 5.Dr. Prashant Sunagar 6.Dr. P Joel Josephson	IP India	Design Registered

13. Proposal

S.No.	Title of the Proposal	Funding Agency Details	Date & Duration	Status
1.	Real Time Operating system (RTOS) (MODROB)	AICTE-New Delhi	02.03.2013 1 Year	Completed

14. Online courses:

Sl.No	Name of the Programme	Organized by	Duration
1.	NPTEL online Certification (Introduction To Programming In C)	III Kanpur	Jul-Sep 2017 (8week course)
2.	NPTEL online Certification (Microprocessors and Microcontrollers)	III Kanpur	Jan-Apr 2018 (12week course)
3.	NPTEL online Certification (Electric Vehicles-part 1)	IIT Madras	Feb-Mar 2020 (4 week Course)
4.	Electric Vehicles and Mobility	Coursera	13.04.2024
5.	Electric Vehicle (EEE)	SkillDzire	02.07.2024

15.Courses Handled:

- ❖ Embedded Systems
- ❖ Control Systems
- ❖ Microprocessors and Microcontrollers
- ❖ Engineering Electromagnetics
- ❖ Electric and Hybrid Vehicle
- ❖ Fundamentals of Robotics
- ❖ Professional Ethics and Human Values
- ❖ Basics of Electrical and Electronics Engineering
- ❖ Principles of Management
- ❖ Design of Embedded Systems
- ❖ Electrical Engineering
- ❖ Object oriented programming using C++
- ❖ Data structures and algorithms
- ❖ Advanced Semiconductor Devices
- ❖ Electrical energy conservation and Management
- ❖ CMOS VLSI design
- ❖ Electric Vehicle

LIST OF PUBLICATIONS

Annexure

INTERNATIONAL JOURNAL

1. M.Subramani (2022), "Efficient Energy Conservation from Transport Vehicle to Utility Load", International Research journal of Power Electronics Controllers and Converters, Volume: 08, Issue: 01, May 2022.
2. M.Subramani (2019), "Hybird Energy Harvesting System for Charging Stations", International Research journal of Engineering and Technology, Volume: 06, Issue: 03, May 2019.
3. M.Subramani (2016). "Reduction of OFFSET and Low Voltage of Dynamic Comparator for ADCs", International Journal of Scientific &Engineering Research, Volume 7, Issue2, February 2016.
4. M.Subramani (2015), "Reduction of Leakage Current in Cascaded H-Bridge Multilevel Inverter for PV Systems", International Journal of Communication and Computer Technologies, Volume 03 – No.5 Issue: 01 April- May 2015.
5. M.Subramani (2011), "Highly Secure and Reliable User Identification Based on Finger Vein Patterns", Global Journal of Research in Engineering, Volume 11 Issue3 version1.0 April 2011.

INTERNATIONAL CONFERENCES

1. M.Subramani (2022), "Efficient Energy Conservation from Transport Vehicle to Utility Load", International Virtual Conference on Recent Trends in Electric Energy,Artificial Intelligence Internet of Things and Nano-materials, organized by M.Kumarasamy College of Engineering, Karur.
2. M.Subramani (2022), "Efficient Energy Conservation from Transport Vehicle to Utility Load", International Conference on Engineering and Innovative Research, organized by Kathir College of Engineering, Coimbatore.
3. M.Subramani(2020), "Investigations of Power Transformer Parameters Using Core Balance and Vector Group Test", International Conference on

Advanced Science and Engineering Research – 2020, organized by Al-Ameen Engineering College, Erode.

4. M.Subramani(2019), “Hybrid Energy Harvesting System for Charging Stations”, International Conference on Recent Innovations in engineering Technology and Management, organized by Nandha Engineering College, Erode.
5. M.Subramani (2017), “Separate FECG Using Genetic Algorithm and Run Length Encoding Technique”, International Conference on Engineering Technology and science, organized by Muthayammal Engineering Institutions, Rasipuram.
6. M.Subramani (2016), “Reduction of OFFSET And Low Voltage of Dynamic Comparator for ADCs”, International Conference on Modern Engineering Science and Technology, organized by Institute of Engineering Research, Trivandrum.
7. M.Subramani(2015), “Reduction of Leakage Current in Cascaded H-Bridge Multilevel Inverter for PV Systems”, International Conference on Advanced Computing Control Systems, machine and Embedded Technology, organized by J.K.K.Nattraja College of Engineering and Technology, Kumarapalayam.
8. M.Subramani (2015), “Efficient Power Reduction and glitch free mux based digitally controlled delay lines”, International Conference on Innovative strategies in Renewable energies and its Applications, organized by Sona College of Technology Salem.
9. M.Subramani (2014), “Participated”, International Conference on Recent Trends in Information Technology, organized by Madras Institute of Technology, Chennai.
10. M.Subramani (2013), “Design and Implementation Maximum power point tracking In Photovoltaic Cells”, International Conference on Energy Efficient

Technologies for Sustainability, organized by St.Xavier's Catholic College of Engineering,Nagercoil.

11. M.Subramani (2012), "Implementation of a self-Balancing Two wheeled Inverted pendulum", International Conference on Computational Intelligence and its applications, organized by Vivekananda Institute of Engineering and Technology for women,Tiruchengode.

NATIONAL CONFERENCES

- 1.M. Subramani (2021), "Impact of Large -Scale EV Integration and Fast Chargers Based on Emp Charger of Tesla Coil", Virtual National Conference on Innovations in Electrical Power and Green Energies, organized by M.Kumarasamy College of Engineering, Karur.
- 2.M.Subramani (2019), "Hybrid Energy Harvesting System for Charging Stations", National Conference on Advanced Construction and sustainable energy sources, organized by Selvam College of Technology, Namakkal.
- 3.M.Subramani (2018), "Aceessing Library Information Through smart Phone", National Conference on Advancement in Electrical power, Signal processing and Communication Network system, organized by Selvam College of Technology, Namakkal.
- 4.M.Subramani (2017), "IOT Based Industrial Pollution Monitoring system", National Conference on Frontiers in Communication and signal processing, organized by Adhiyamaan College of Engineering, Hosur.
- 5.M.Subramani (2017), "Remote Monitoring of Chronic Diseases and Non-innovative Glucose Monitoring for Patient", National Conference on MEEMIC-2017, organized by Sengunthar College of Engineering, Tiruchengode.
- 6.M.Subramani (2016), "Battery Recharging Using Fuel Cells with MATLAB/SIMULINK in Electric Vehicles," National Conference on Emerging Trends in Communication and Information Technology, organized by K.S.Rangasamy College of Technology,Tiruchengode.

7. M.Subramani (2016), "Data Transfer Between Nodes Using Diffie-Hellman Key Algorithm", National Conference on Innovations In Engineering Sciences and Management, Organized by Shree Venkateshwara Hi-Tech Engineering College, Erode.
- 8.M.Subramani (2015), "Reduction of Leakage Current in Cascaded Multilevel Inverter for PV systems", National Conference on Technological Advancements in Embedded with VLSI and Communication Systems, Organized by N.S.N.College of Technology, Karur.
- 9.M.Subramani (2015), "Analysis and reduction of leakage current in quasi zero source inverter", National Conference on Advancement in Electrical power signal processing and communication network systems, Organized by Selvam College of Technology, Namakkal.
- 10.M. Subramani (2013), "Implementation of single axial maximum power point tracking using beta method for photovoltaic system", National Conference on Innovations in Electrical, Electronics and Control systems, Organized by Kumaraguru College of Technology, Coimbatore.
- 11.M. Subramani (2013), "Study and Analysis of maximum power point tracking in photovoltaic system," National Conference on Emerging Trends in Electrical, Electronics and Control Engineering, Organized by University College of Engineering Panruti.
12. M.Subramani (2012), "Implementation of a self –Balancing Two-Wheeled Inverted Pendulum," National Conference on Communication Technology Interventions for Rural and Social Development, Organized by Sri Krishna college of Engineering and Technology, Coimbatore.

National Journal: Nil