

**K.S.R.COLLEGE OF ENGINEERING (Autonomous), TIRUCHENGODE – 637215.**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**FACULTY 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. Professional Membership** : ISTE



**06. Qualification:**

S.No.	Qualification	Specialization	Name of the Institution	Affiliated to	Year of Completion	Class & % of Marks
1	M.E.,	ERTS	CIT, Coimbatore	Anna University	2009	First Class With Distinction 8.79 CGPA
2	B.E.,	EEE	BIT, Sathyamangalam	Anna University	2006	First Class 71%

**07. Area of Interest** : EMBEDDED SYSTEMS

**08. Experience, Promotion & Designation Details (Chronological):**

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

**09. Publication Details:**

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

**\*-Annexure**

**10. Details of Monographs, Books, 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	Dr.R.Poornima	IP India	Design

	Charger	Dr.R.Satheeskumar Mr.S.Gowtham Mr.M.Subramani		Application Filed (19.05.2022)
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## 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), “Accessing 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 GlucoseMonitoring 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**