



Designation: Associate Professor  
 Qualification: M. Tech  
 Experience: 14 yr  
 Specialization: Embedded Systems  
 Date of Joining: 14<sup>th</sup> September, 2009.  
 Phone Numbers: +91 9542482021  
 Email-Id: [mvedachary@cmrcet.org](mailto:mvedachary@cmrcet.org)

### Research Publications

1. **Live Video Streaming from Remote Location Using Raspberry Pi** published in **Indian Journal of Science and Technology**, ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645 Vol 10(38), DOI: 10.17485/ijst/2017/ v10i38/ 116967, October 2017.
2. **The Effective Way of Face Recognition Using CCA Based System** published in **Journal of Advanced Research in Dynamical and Control Systems** Vol. 9, Issue 3 , Pages: 249-257 , November 2017
3. **Smart Domestic Energy Management System Scheme** published in **International Journal Of Advanced Technology and Innovative Research** ISSN 2348–2370 Vol.08,Issue.21, November-2016, Pages:4057-4065
4. **Implementation of Surveillance robot with the feature of semi automatic recharging capability** published in **International Journal Of Engineering And Computer Science** ISSN: 2319-7242 Volume 4 Issue 10 Oct 2015, Page No. 14856-14860
5. **Video Monitoring System Based on ARM9** published in **International Journal Of Scientific Engineering and Technology Research** ISSN 2319-8885 Vol.04,Issue.29, August-2015, Pages:5736-5739
6. **Authenticated Access Control for Vehicle Ignition System by Smart Card and Fingerprint Technology**, published in **IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)** e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 10, Issue 1, Ver. 1 (Jan - Feb. 2015), PP 45-48
7. **ARM Based Wireless Sensor Network for Temperature Measurement** published in **International Journal of Engineering Science Invention** ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 Volume 2 Issue 9|| September. 2013 || PP.32-35
8. **Implementation of Automatic Efficient and Proportional Lighting Control and Management System Based on ARM Architecture and Wireless Communication** published in **International Journal of Advanced Research and Innovation** -Vol. II, Issue .1 ISSN Online: 2319 – 9253 Print: 2319 – 9245 September 2013
9. **Implementation of the Driver Drowsiness Detection System** published in **International Journal of Science, Engineering and Technology Research (IJSETR)** Volume 2, Issue 9, September 2013
10. **Development of Monitoring Unit for Data Acquisition from Avionic Bus** published in **International Journal of Engineering Science and Innovative Technology (IJESIT)** Volume 2, Issue 1, January 2013 ISSN: 2319-5967 ISO 9001:2008 Certified
11. **Implementation of Broadcast Information System using Bluetooth Technology (BIS)** published in **International Journal Of Advanced Research and Innovation** -Vol.II, Issue .3 ISSN Online: 2319 – 9253 Print: 2319 – 9245 December/2013
12. **Automated Toll Gate Collection with Complex Security System** published in **International Journal Of Engineering Sciences & Research Technology** ISSN: 2277-9655 Impact Factor: 1.852 September, 2013
13. **Implementation of Embedded Web Server with Light weight TCP/IP on Mini 2440** published in **International Journal of Emerging Technology and Advanced Engineering** (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 2, Issue 12, December 2012)
14. **Design and Implementation of a Guided Object Launcher** published in **International Journal of Emerging Technology and Advanced Engineering** (ISSN 2250-2459, Volume 2, Issue 11, November 2012)
15. **Post-paid Wireless Meter Reading System for Automatic Power Controlling and Consumption Billing Applications** published in **International Journal of Science, Engineering and Technology Research (IJSETR)** ISSN: 2278 – 7798 Volume 2, Issue 9, September 2013

16. **Pre-paid Remote Energy Meter monitoring and Overvoltage Protection through Electricity using GSM Network** published in **International Journal of Science, Engineering and Technology Research (IJSETR)** ISSN: 2278 – 7798 Volume 2, Issue 9, September 2013
17. **Efficient Energy Management System with Solar Energy** published in **International Journal of Modern Engineering Research (IJMER)** Vol. 3, Issue. 5, Jul - Aug. 2013 pp-2719-2727 ISSN: 2249-6645
18. **Design of Remote Intelligent Smart Home System Based on Zigbee and GSM Technology** published in **International Journal of Engineering Trends and Technology (IJETT)** – Volume 4 Issue 9- September 2013 : ISSN: 2231-5381
19. **Multi-Functional Monitoring System** published in **International Journal of Engineering Trends and Technology (IJETT)** – Volume 4 Issue 9- September 2013 ISSN: 2231-5381
20. **Development of Microkernel for Multitasking with ARM 11** published in **International Journal of Engineering Science and Innovative Technology (IJESIT)** ISSN: 2319-5967 ISO 9001:2008 Certified Volume 2, Issue 1, January 2013
21. **Automatic Rifle Drawing and Deposit System for Armory using Fingerprint and RFID** published in **International Journal of Advanced Research and Innovation** -Vol. II, Issue .2 ISSN Online: 2319 – 9253 Print: 2319 – 9245: October/2013
22. **RFID Based Access Card for Public Enrollment and Distribution System** published in **International Journal of Science, Engineering and Technology Research (IJSETR)** ISSN: 2278 – 7798 Volume 2, Issue 9, September 2013

#### **Workshops**

1. Attended “NIWeek 2018” held at Austin, Texas, USA during 21<sup>st</sup> – 24<sup>th</sup> May 2018
2. Attended “LabView – Hands-on on Core 1 and Core 2 modules,” Organized by Vasavi Engineering College, Hyderabad during 14-19<sup>th</sup> May 2018.
3. Coordinator of “Shodhana – Phase I Workshop” Organized by CMRCET. Hyderabad.