

# Mr. Raveendrababu Pakala

## Personal Information

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**Designation:** Associate Professor & Incharge HOD

**Qualification:** M.Tech (Ph.D\*)

**Experience:** 17 years

**Specialization:** Digital Systems & Computer Electronics

**Date of Joining:** 16-08-2007

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## Achievements/Publications/workshops/Seminars/Guest Lectures

### Publications:

1. Paper Published on **"IOT smart environmental Monitoring system"** in International Journal of Advanced Technology and Innovative Research (IJATIR), *Volume 10, Issue 01, Page Numbers:0017-0021, ISSN No:2348-2370 in January 2018.*
2. Paper Published on **"Tracking and Health Monitoring of Pilgrims"** in International Journal & Magazine of Engineering, Technology, Management and Research (IJMETMR), *Volume 3, Issue 11, PageNumbers:654-658, ISSN No:2348-4845 in November 2016.*
3. Paper Published on **"Verification Methodologies for Vector Processor Engines"** in International Journal of Science, Engineering and Technology Research (IJSETR), *Volume 4, Issue 10,PageNumbers:3548-3554, ISSN No:2278-7798 in October 2015.*
4. Paper Published on **"Low Cost Home Automation by Voice Commands using Raspberry Pi"** in International Journal of Science, Engineering and Technology Research (IJSETR), *Volume 4, Issue 42,PageNumbers:9131-9134, ISSN No: 2319-8885 in October 2015.*
5. Paper Published on **"Air Pollution Control System in Vehicle"** in International Journal of Science,Engineering and Technology Research (IJSETR), *Volume 4, Issue 28,PageNumbers:5161-5465, ISSN No: 2319-8885 inJuly 2015.*
6. Paper Published on **"Design and Implementation of Robotic Arm using Electronic Gesture Recognition Unit and Flex Sensors"** in International Journal of Science,Engineering and Technology Research (IJSETR), *Volume 4, Issue 22,PageNumbers:4185-4189, ISSN No: 2319-8885 inJuly 2015.*
7. Paper Published on **"Wi-Fi Based Traffic Density Alerts to Wi-Fi Enabled devices Using CortexM3 Processor"** in International Journal of Science,Engineering and Technology Research (IJSETR), *Volume 4, Issue 22,PageNumbers:4265-4269, ISSN No: 2319-8885 inJuly 2015.*

8. Paper Published on **"Zigbee Based E-Menu Ordering System"** in International Journal of Science,Engineering and Technology Research (IJSETR), *Volume 2, Issue 10,PageNumbers: 1922-1925, ISSN No: 2278-7798 in October 2013.*
9. Paper Published on **"Zigbee Based Agriculture Management System"** in International Journal Of Engineering Sciences & Research Technology, *Volume 2, Issue 9,Page Numbers:2463-2466,ISSN No:2277-9655in September 2013.*
10. Paper Published on **"Mobile Phone Signal Jammer For GSM, CDMA With Pre-Scheduled Time Duration Using ARM7"** in International Journal of Science,Engineering and Technology Research (IJSETR), *Volume 2, Issue 9,Page Numbers: 1781-1784, ISSN No: 2278-7798 in September 2013.*
11. Paper Published on **"Reservation Based Vehicle Parking System Using GSM And RFID Technology"** in Int. Journal of Engineering Research and Applications, *Volume 3, Issue 5,Page Numbers:495-498, inSeptember-October 2013.*
12. Paper Published on **"Design for Motion Detection System Based On Embedded Linux Using ARM"** in International Journal Of Mathematics And Computer Research, *Volume 1, Issue 1,Page Numbers:05-08, inFebruary 2013.*
13. Paper presented on **"The Design And Implementation Of Intelligent Campus Security Tracking System Based On RFID And Zigbee"** in National Conference on Computing Communication & Information Technology at SSJEC,10 April 2013.
14. Paper presented on **"Lossless And Secure Transmission Of Multimedia Images Using LSB Technique In Open Channel Environment"** in A Two day National Conference on Computer vision and Image Processing at JBIET from 17<sup>th</sup>-18<sup>th</sup>December 2012.
15. Paper presented on **"Image Compression coding Approach over heterogeneous network Applications "** in A 3-day National Conference on Signal Processing and Embedded Systems Applications at CMRCET from 8<sup>th</sup>-10<sup>th</sup> July 2011
16. Paper presented on **"Image Compression based on the set partitioning in hierarchical trees (SPIHT) Approach"** in National Conference on Assistive Technology at BVRIT . 29<sup>th</sup>-31<sup>st</sup> July 2011
17. Paper presented on **"Context based Image compression Approach for Arial Images"** in International Conference on Systemic,Cybernetics and Informatics(ICSIC-2010) Hyderabad,27-30 Jan 2010.
18. Paper presented on **"Inverse Problems in Image Processing"** in National Conference on Signal Processing and Communication(SPCOM-09) Hyderabad,4-5 Dec 2009.
19. Chief Coordinator for **TECHNOBUZZ-2007** held in Y.P.R college of Engg& Tech, Medakon March 30<sup>th</sup> 2007.

### **Workshops:**

1. Attended one week workshop on Labview at National Instruments office, Bangalore.
2. Attended one week FDP on Image Processing in CMRTC.
3. Participated in National Workshop on "Mat lab Applications." in CMRCET.
4. Participated in National Workshop on "Embedded Systems and Applications." in CMRCET.