



A.HARITHA

M.TECH

ASSISTANT.PROFESSOR

Electronics & Communication Engineering

Area of Interest:

1. EMBEDDED SYSTEMS

3. MICROPROCESSORS & MICROCONTROLLERS

Number of Workshops Attended: 6

Number of Publications: 4

DETAILS OF EDUCATION, TEACHING

Education Qualification

- **M.Tech.** (ES), 2012-2014, TIRUMALA ENGINEERING COLLEGE (affiliated to JNTUH), KEESARA, R.RDIST.
- **B.Tech.** (ECE), 2005-2008, SRI DEVI WOMEN'S ENGINEERING COLLEGE (affiliated to JNTUH), VATINAGULAPALLY, R. R. DIST.

Employment record

- Worked as Assistant Professor in Mahaveer Institute Of Science & Technology, Hyderabad from July 2011 to September 2013. (2years 2months experience).
- Working as Assistant Professor in TKR Engineering College, Meerpet from April 2015 to till date (4 year 7 months experience).

Workshops and Development Programs attended in the recent past:

- Attended workshop on "Digital system design using FPGA and Simulink", 2017.
- Attended workshop on "Future trends in wireless communication", 2017.
- Attended workshop on "PCB design and fabrication", 2017
- Attended training program on "Data Networking Routing & Switching", 2015.
- Attended workshop on "Arm Based Embedded Processing", 2015.
- Attended workshop on "Research in Technical Institutions Current status,, Strategies and Future goals", 2013.

Organized:

- Organized workshop on ROBOTRYST in Mahaveer Institute of Science and Technology, 2013 in association with Tryst IIT-Delhi.

LIST OF PUBLICATIONS

International Journals:

1. Published paper on “Internet of things: Security Issues”, IJESI, ISSN: 2319-6734, Vol6, Issue 11, Nov 2017.
2. Published paper on “PAPR Reduction in OFDM”, IJESI, ISSN: 2319- 6734, Vol6, Issue 11, Nov 2017.
3. Published paper on “Smart child/ women security system using RF and GSM Technology”, IJR, ISSN: 2236-6124, Vol VIII, APRIL 2019.
4. Published paper on “Energy meter over IOT”, IJRDT, ISSN: 2349-3585, Vol 11, Issue 6, JUNE 2019.

Subjects Handled (IN UG LEVEL):

- Microprocessors And Microcontrollers, Cellular & Mobile Communications, Linear & Digital Integrated Circuit Applications, Pulse and Digital Circuits, Electronic Devices and Circuits, Satellite Communications, Radar Systems.

Project Guidance (UG level)

Student Name	Title	Year
M. DHARMA TEJA, MD SAMEER M. YASWANTH REDDY	SMART CHILD/WOMEN SECURITY SYSTEM USING RF AND GSM TECHNOLOGY.	2019
V. NIVEDITHA, G. NIKITHA G. GOUTHAM KUMAR	ENERGY METER OVER IOT	2019
MD ABDUL FAROOQ M. GOPI KALYAN M. SUJITH REDDY	IMPLEMENTATION OF MODEL RADAR TARGET DIRECTION IDENTIFIER WITH REMOTE MONITORING OVER IOT PLATFORM.	2018
K. JYOTHI REDDY, JVLNV PRASAD G.NAVEEN REDDY	IOT BASED AUTOMATIC PLANT IRRIGATION SYSTEM WITH DRY/WET SOIL SENSE FOR AGRICULTURAL APPLICATIONS MONITORING OVER IOT.	2018
GURRAM SAIPAVAN KONGARI BHAVYA REDDY KOTA AKHILA	IMPLEMENTATION OF AES ALGORITHM	2017
GUDIPATI SOUJANYA G. SHIRISHA	SINGLE IMAGE SUPER RESOLUTION BASED ON GRADIENT PROFILE SHARPNESS.	2016
SREELAKSHMI	BLUETOOTH BASED SMART SENSOR NETWORKS	2013