



## S .BALAKRISHNA

B.TECH, M.TECH

ASSISTANT PROFESSOR

ELECTRONICS & COMMUNICATION ENGINEERING

### Areas of interest:

1. EMBEDDED SYSTEMS

### EDUCATIONAL & PROFESSIONAL:

#### Academic Qualification:

- B.Tech in Electronics and Communication Engineering, JB Institute of Engineering and Technology (JBIET) (2010).
- M.tech in EMBEDDED SYSTEMS (ECE), St. Mary's Group Of Institutions (SMCET) (2014).

Teaching Experience: 10 years

#### Paper publications:

1. M.Gnanesh Goud, S.Bala Krishna,N.Naresh,B.Purender Reddy, *IMAGE COMPRESSION USING LIFTING BASED HAAR WAVELET TRANSFORM COUPLED WITH SPIHT ALGORITHM*, VOL 6,ISSUE 2,IJCRT,2018.
2. S.Balakrishna,V.Lahari,S.Aparna,S.Saikumar, “AUTOMATED MOVABLE RAILWAY PLATFORM FOR RAILWAY CROSSING” , 2019 JETIR January 2019, Volume 6, Issue 1
3. S.Balakrishna , M.Bhavana ,K.Prathyusha ,M.Sushma ,*AUTO TRAFFIC SIGNAL TRANSITION FOR AMBULANCE AND FIRE AMBULANCE* , 2019 JETIR June 2019, Volume 6, Issue 6

#### Participated:

- Participated in one day workshop on “Future Trends in Wireless communications” held at GNITS , in NOV-2017.
- Participated in one week FDP on *ADVANCED EMBEDDED SYSTEM DESIGN ON ZYNQ ULTRA SCALE USING VIVADO*”Conducted by JNTUH-CEH in association with CoreEL Technologies from 30<sup>th</sup> july- 3<sup>rd</sup> aug 2018
- Participated in one day workshop on International Webinar on “AIoT - The Future of IoT “ conducted by ThickNess Learning Community on 30<sup>th</sup> August, 2020.
- Participated in Three days Awareness Programme on Industry Oriented Project Work on Embedded System Design conducted by TKR College Of Engineering And Technology & MTS on 29<sup>th</sup> june to

1<sup>st</sup> July 2020.

- Participated in one day workshop on Analog CMOS Design And Its Implementation In Present Applications conducted by TKR College Of Engineering And Technology & Pantech E Learning ON 5<sup>TH</sup> JULY 2020.
- Three days Awareness Programme on Industry Oriented Project Work on VLSI Design conducted by TKR College Of Engineering And Technology & MTS on 6<sup>th</sup> July to 8<sup>th</sup> July 2020
- Participated in 4 day workshop on Practice Engineering with Graphical System Design( NI LabVIEW) and NI Academic Products conducted by TKR College Of Engineering And Technology & Tech FLUENT Solution Pvt. Ltd on 13<sup>th</sup> July to 16<sup>th</sup> July 2020.
- Participated in one day MATLAB EXPO-2019 held at HYDERABAD(HICC) , in Apr-2019.
- Participated in one day MATLAB EXPO-2018 held at HYDERABAD(HICC) , in Apr-2018.

#### NPTEL:

Completed Swayam Course on “Microprocessors and Interfacing” from IIT-Guwahati (January-April 2020).

#### Teaching:

- EMBEDDED SYSTEMS
- MICROPROCESSOR AND MICRO CONTROLLER
- TELECOMMUNICATION SWITCHING SYSTEM AND NETWORKS
- DATA COMMUNICATION
- ELECTRONIC DEVICES AND CIRCUITS