



M.INDIRA

B.TECH, M.TECH

ASSISTANT PROFESSOR

Electronics & Communication Engineering

Areas of interest:

1. VLSI
2. EMBEDDED SYSTEMS
3. COMMUNICATIONS

EDUCATIONAL & PROFESSIONAL:

Academic Qualification:

- B.Tech in Electronics and Communication Engineering, Teegala Krishna Reddy Engineering College (2009).
- M.Tech in VLSI System Design (ECE), Mahaveer college of Engineering and Technology (2012).

Paper publications:

1. M.Indira, B.Swapna,. FPGA Implementation of Low Power Multi- channel Generalized PID Controller for Industrial Automation Application, Volume 4 Issue 6, IJETA ,2017.

Participated:

- Participated a two day workshop on “Latest advances in Electronics and communication systems” held at TKRCET, in March-2013.
- Participated a three day workshop on “PCB design” held at TKRCET, in September 2013.
- Participated a Two day workshop on “Image Processing using MATLAB” held at TKRCET, in January 2014
- Participated one week FDP on “Modern teaching trends in Scientific and Technical Education” in July, 2014.
- Participated FDP on “Research awareness in Advanced VLSI Design” in September, 2014.

- Participated in 2 day workshop on “Digital IC Design” in June, 2014.
- Participated in 2 day workshop on “Embedded System Design Using Atmel Xmega XPLD A3BU and SAMD 20 XPLD” held at JNTUH in August 2014.
- Participated a Two day workshop on “Embedded and VLSI Design”, in August, 2014.
- Participated a Three day workshop on “ARM based Embedded Processing “ in August, 2015.
- Participated Training Programme on “Data Networking, Routing and Switching “ in September, 2015.
- Participated in 3 day workshop on “Robotics” in July, 2016.
- Participated in 2 day workshop on “Introduction to Python” held in October,2017
- Participated in 2 day workshop on “Home Automation with IoT using Raspberry Pi” in August, 2017.
- Participated in 2 day workshop on “PCB Design and Fabrication” in October,2017.
- Participated FDP on “**Analog IC Design - Hands on Practice using Cadence Design Flow**” held at JNTUH, in April 2019.

Teaching:

Microprocessors and Microcontrollers, Probability Theory and Stochastic Process, Antennas and wave Propagation, Switching theory and Logic Design, Analog Electronic circuit Analysis.