J.SNEHALATHA

Asst professor

Education Qualifications: M.tech (ECE)
Specialization: Embeded systems

ADDRESS:
- C-Block

JNTUH ID:
53150402124500

EMAIL:
jsnehalata_ece@mgit.ac.in

DATE OF JOINING:
24-02-2007

EXPERIENCE – 14 Years
- Teaching - 14

SUMMARY:
- Publications - 7
- Conferences - 1

EVENTS:
- Attended - 20

Membership of Professional Bodies:

1. IETE
2. IAENG

Responsibilities Held at Institution Level:

1.Anti ragging committee member

2.campus monitoring

Responsibilities Held at Department Level:

1. Updating NAAC,NBA files regarding student achievements
2. Security committee member
3. LAB in charge
4. Class in charge

Courses Handled at Under Graduate /Post Graduate Level:

5. **UG**: semiconductor devices and circuits, switching theory and logic design, Electronic Circuits, Basic Electronics

PG: Advanced digital system design

Publications:

1"The Design of N Bit Quantization Sigma Delta analog to Digital Convertor.

2."Design of (PUF) Physical Unlovable Function Using FPGA and Secured Clock Network (SCN)"

3 "Implementation of Transient Current Testing for Faults in SRAM

4. "Devanagari Script using Energy of Speech Signal

5"Enhancement of Underwater Images Using FPGA"

6 "Medical Image Detection with Image Processing Using Machine Learning**.**

Conferences:

1."Advanced Industrial and Home Security using GSM & FPGA",

2 "Design of Miniaturized Patch Antenna for ISM Band", National Conference on Signal

Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. Summer school on "Role of communication skills on effective teaching.

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Events Attended:

FDPs/STTPs:

1.wireless communication future IOT(20-25th July 2020)

2.Future Nano electronic devices(6th -10th July 2020)

3.Recent trends on Embedded and IOT(7th to 10th December 2020)

4.Research avenue on machine learning Approaches in Pattern Recognition(21st to 26th September 2021)

Webinars

1.Analog VLSI design flow(07-06-2020)

2.Recent trends in Electronic Engineering(30-05-2020)

Online Certification:

1.python Basics-Coursera(may to July 2020)

2.Inegarted circuits MOSFET and their applications-NPTEL(Jan to April 2020)

3.Introduction to Electronics-(COURSERA)-June 2020