

# Mrs. S.SWETHA

## Assistant Professor



Education Qualifications: M.Tech (PhD)  
Specialization: Embedded Systems

### ADDRESS:

- C – Block -Room No - 207

### JNTUH ID:

9395-160215-125408

### EMAIL:

sswetha\_ece@mgit.ac.in

### DATE OF JOINING:

02-09-2013

### EXPERIENCE - 10 Years

- Teaching – 10 Y

### SUMMARY:

- Publications - 5

### EVENTS:

- Organized - 2
- Attended - 20

### Membership of Professional Bodies:

1. Life Member of The Institution of Electronics and Telecommunication Engineers (IETE)
2. Life member of Indian Society for Technical Education (ISTE) LM-132272

### Responsibilities Held at Institution Level:

1. Member of Alumni Association from ECE Dept.

### Responsibilities Held at Department Level:

1. Member of Women Welfare Cell
2. Co-Ordinator of Virtual Labs
3. Lab In-charge for Signals & Systems Lab

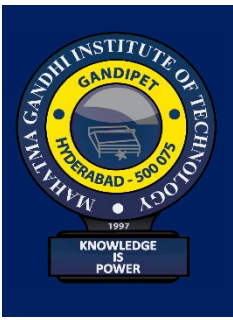
### Courses Handled at Under Graduate:

**UG:** Probability Theory and Stochastic Processes, Digital Signal Processing, Signals and Systems, Radar Systems

**PG:** Signal Processing Lab

### Publications:

1. Mrs.S.Swetha, “Human Action Recognition Based On Hybrid Feature Vector and K-NN Algorithm”, Studia Rosenthaliana (Journal for the Study of Research), ISSN NO: 1781-7838, Volume XIII, Issue IV, April-2021, Pp 16 – 23. (WOS)(UGC Care)
2. Mrs.S.Swetha, “Complex Wavelet Features and SelfSimilarities for Action Recognition under Multiple Views”, PAIDEUMA JOURNAL, ISSN NO : 0090-5674, Vol XIV, Issue 5, May 2021, pp 28-35. (WOS)(UGC Care)
3. Mrs.S.Swetha, “Linear Spectral And Pitch (LSP) Features For Emotion Recognition From Speech Signals”, Studia Rosenthaliana (Journal for the Study of Research), ISSN NO: 1781-7838, Volume XIII, Issue IV, April-2021, pp 43-49. (WOS)(UGC Care)
4. Mrs.S.Swetha&Mrs.G.Srilatha, “Speech Based Emotion Recognition Using Composite Feature Vector and HMM”, PAIDEUMA JOURNAL, ISSN NO : 0090-5674, Vol XIV, Issue 5, May 2021, pp 43-50. (WOS)(UGC Care)
5. Mrs.S.Swetha, “Detection of Gas Leakage using Arduino”,The International Journal of Innovative Research in Science, Engineering and Technology (IJRSET), ISSN:2320-6710, Volume 10, Issue 5, May 2021.pp -4809-4811.



## Events Organized:

### FDPs/STTPs:

1. AICTE Sponsored Two-week Online Faculty Development Programme on "Recent Trends in IoT Using Embedded Systems" from 7th to 19th December 2020
2. AICTE Sponsored Two-week Online Faculty Development Programme on "Recent Trends in IoT Using Embedded Systems" from 1st to 13th February 2021

## Events Attended

### FDPs/STTPs:

1. Attended ATAL FDP on "DataScience" during 18<sup>th</sup> to 22<sup>nd</sup> April(1 Week) organized by IIIT, Nagpur.
2. Online FDP on "Deep Learning and its Applications" during 11<sup>th</sup> to 20<sup>th</sup> May(2 Week) organized by E&ICT, IIT Roorkee.
3. Attended ATAL FDP on "Internet of Things(IoT)" during 22<sup>nd</sup> to 26<sup>th</sup> June(1 Week) organized by NIT, Warangal.
4. Attended MHRD sponsored One Week Faculty Development Programme on "RF Antenna Design", jointly organized by E&ICT Academy, NIT Warangal and Department of Electronics & Communication Engineering, MGIT, during 19th to 24th June, 2017.
5. Attended One week Faculty Development Program on "Digital Design using Verilog & VHDL" conducted by Department of ECE, MGIT from 15th to 19th Dec 2014. In this course overview of front end and back end design of IC fabrication is made to learn and implement practically.
6. Attended Two Day Intensive Course on "Electronic Intelligence (ELINT) Systems" conducted by Department of ECE, CBIT from 12th to 13th Dec 2014. In this Course overview of Radar Intelligence Systems.
7. Visited Industry "Elico Systems" at Sanath Nagar with III B.Tech ECE-3 Students. on Feb 5th 2015.

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

1. Completed Four Week Orientation Course organized by UGC-HRDC, JNTU Hyderabad, sponsored by UGC-New Delhi during 08th May 2017 to 03rd June 2017 with "A" Grade.

### Online Certifications:

1. Course on "**Research Methodology**", Udemy. Completed on 7<sup>th</sup> March.
2. NPTEL Online Certification on Principles of Signals and Systems during Jan-Apr 2019(12 Weeks)

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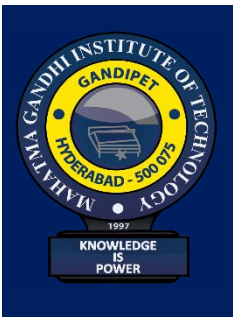
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3. NPTEL Course on Biomedical Signal Processing during Jan to April 2020(12 Week)
4. NPTEL Course on Advanced Probability Theory during Jan to April 2020(12 Week)
5. Completed Course on “Programming for Everybody (Getting Started With Python)” from Coursera 14<sup>th</sup> April
6. Completed Course on “AI for Everyone” from Coursera 13<sup>th</sup> June
7. Completed Online Course on “MATLAB Onramp” from AICTE E-Learning Courses 14<sup>th</sup> May
8. Completed Online Course on “Machine Learning Onramp” from AICTE E-Learning Courses 22<sup>nd</sup> May