

# G. Srilatha

## Assistant Professor



Education Qualifications: M.TECH (Ph.D.)  
Specialization: Computers and Communication Engineering

### ADDRESS:

- C- Block -207

### JNTUH ID:

**36150402-121552**

EMAIL: gsrilatha\_ece@mgit.ac.in

### DATE OF JOINING:

30-06-2014

### EXPERIENCE – 10 Years

- Teaching - 10

### SUMMARY:

- Publications – 6

### EVENTS:

- Attended - 40

### Membership of Professional Bodies:

1. Life Member of The Institution of Electronics and Telecommunication Engineers (IETE) F-502888
2. Life Member of The Indian Society for Technical Education (ISTE)  
LM 132274

### Responsibilities Held at Institution Level:

1. NBA Coordinator from ECE Department.
2. In charge for Website from ECE Department.

### Responsibilities Held at Department Level:

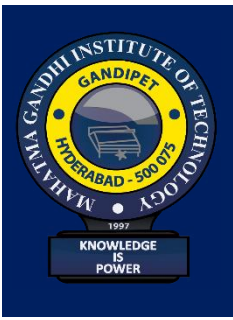
1. Lab In charge of DCN lab

### Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Analog and Digital Communications, Data Communication and Networks, Digital Communications, Microprocessors and microcontrollers, Cellular and Mobile Communications, Probability theory and Stochastic Process.
- **PG:** Advanced Data Communications, Coding Theory Techniques.

### Publications

1. Mrs.G.Srilatha & Mrs.P.Usha Rani, “Stability Trust Aware Clustered Routing (STACR) for Wireless Sensor Networks”, PAIDEUMA JOURNAL, ISSN NO : 0090-5674, Vol XIV, Issue 5, May 2021, pp 36-42. (WOS) (UGC Care)
2. Mrs.G.Srilatha & Mrs.P.Usha Rani, “NBA<sup>2</sup>D: Node Behaviour Assisted Adversary Detection in Wireless Sensor Networks”, Studia Rosenthaliana (Journal for the Study of Research), ISSN NO: 1781-7838, Volume XIII, Issue IV, April-2021, pp 10 – 15. (WOS) (UGC Care)
3. Mrs.G.Srilatha, “Women Safety Device Using Arduino”, The International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET),p-ISSN:2320-6710, Volume 10, Issue 5, May 2021.pp – 4550-4553.
4. Mrs.S.Swetha & Mrs.G.Srilatha, “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)
5. 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)



6. Srilatha G, "On the Security of Wireless Sensor Networks through Trust Management Factor (TMF)", International Journal of Advanced Science and Technology (IJAST), Vol. 29, No. 8s, (2020), 1839-1849

### Events Attended

#### FDPs/STTPs:

1. Attended One Week ATAL FDP on "Leadership & Excellence" from 21/02/2022 to 25/02/2022 at IES's Management College and Research Centre.
2. Attended One Week AICTE sponsored STTP on "Role of Teacher in Creating Effective Learning Environment for Students" organized by North Eastern Regional Institute of Science and Technology (NERIST) from 25/10/2021 to 30/10/2021.
3. Attended One Week ATAL FDP on "Stress Management" from 13/09/2021 to 17/09/2021 at VNR Vignana Jyothi Institute of Engineering and Technology.
4. Attended One Week ATAL FDP on "Signal Processing and Machine Learning towards Engineering Applications" organized by North Eastern Regional Institute of Science and Technology (NERIST) from 23/08/2021 to 27/08/2021.
5. Attended One Week ATAL FDP on "Data Sciences" from 2020-9-21 to 2020-9-25 at National Institute of Technology –Karnataka.
6. Attended Two Week FDP on "Recent Trends in IOT using Embedded Systems" organized by department of ECE at MGIT from 7<sup>th</sup>-19<sup>th</sup> December 2020.
7. Attended One Week FDP on "Outcome Based Education and Accreditation" organized by ISTE Telangana section in association with JNTUH Jagtial and Swecha, on 5<sup>th</sup>-9<sup>th</sup> October 2020.
8. Attended One Week ATAL FDP on "Artificial Intelligence" from 2020-9-2 to 2020-9-6 at Acropolis Institute of Technology and Research.
9. Attended One Week AICTE sponsored STTP on "Research Avenues in Machine Learning Approaches for Pattern recognition" organized by department of ECE at MGIT on 24<sup>th</sup>-29<sup>th</sup> August 2020
10. Attended One Week AICTE sponsored STTP on "Wireless Communications- Future IOT" organized by Vardhaman College of Engineering (Autonomous) on 20<sup>th</sup>-25<sup>th</sup> July 2020.
11. Attended One Week AICTE sponsored STTP on "PREDICTIVE ANALYTICS USING MACHINE LEARNING WITH PYTHON" organized by Malla Reddy Engineering College for Women during 10th to 16th August, 2020.
12. Attended One Week AICTE sponsored STTP on "RECENT TRENDS IN WIRELESS SENSOR NETWORKS & APPLICATIONS" organized by Malla Reddy Engineering College for Women during 3 rd to 8th August, 2020.
13. Attended One Week FDP on "Wireless Communications & Mobile Technologies" from 6<sup>th</sup>-10<sup>th</sup> July 2020 at BVRIT in association with QCARES Qualcomm.

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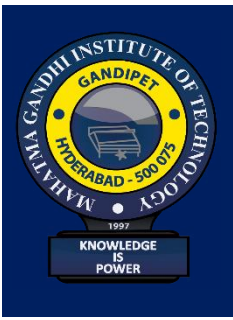
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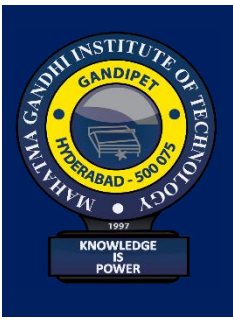
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- Attended - 40

14. Attended One Week FDP on “Simulation and Modelling of Data Communications and Networks” organized by department of ECE at MGIT in association with TASK on 27<sup>th</sup>-31<sup>st</sup> July 2020.
15. Attended One Week FDP on "ICT Tools" conducted by Sree Vidyanikethan Engineering College, Tirupati in association with IIT Bombay on 11th-16th May 2020.
16. Attended One Week STTP on "Emerging Technologies in Electronics & Communication Engineering” conducted by SVEC in association with The Institution of Electronics and Telecommunication Engineers, Tirupati on 18th-22nd May 2020.
17. Attended One Week FDP on “Role of Machine Learning & Data Sciences in AI” conducted by department of CSE, MGIT on 28th June to 2nd July 2020.
18. Attended One-week FDP on “ECAD and VLSI Design” conducted by department of ECE, MGIT on 8 th -12th July 2019.
19. Attended One-week FDP on “Trends in SOC Design & its applications” conducted by ECE Department, Vasavi College of Engineering sponsored by E&ICT Academy, NIT Warangal on 9 th -14th December 2019.
20. Attended Two-day FDP on “Teaching Engineering” conducted by department of Civil, MGIT on 3rd & 4th March 2016.
21. Attended one week FDP on “Recent Trends in Digital Image & Video Processing” conducted by department of ECE, MGIT from 22nd to 27th Feb 2016.
22. Attended one week FDP on “Digital Design using Verilog & VHDL” conducted by department of ECE, MGIT from 15th to 19th Dec 2014.
23. Attended Two-week FDP on “Recent Trends in automation and Control” sponsored by AICTE, conducted by department of EIE, CVR college of Engineering from 11th - 22 nd Nov 2013.

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

1. Attended a one-week AICTE-ISTE approved Refresher course on “Python Programming for 5G Communications” organized by MLR Institute of Technology during 14/02/22 to 22/02/22.
2. Webinar on “Machine Learning and its Scope” on 29/11/2021 organized by MGIT in association with Vaave.
3. Webinar on “Digital Pedagogy for Synchronous and asynchronous learning in Higher Education” conducted by IEEE educational chapter on 6th April 2020.
4. Webinar on “Intellectual property rights and Patenting” conducted by Start Core Technologies on 10th April 2020.
5. Webinar on “IEEE Standards Impact on Future Connectivity Technologies” conducted by IEEE educational chapter on 13th April 2020.



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6. Webinar on “Enhance Research visibility to improve ranking” on 16th April 2020 conducted by Elsevier.
7. Webinar on NAAC Accreditation Management System on 17th April.
8. Webinar on Technical Paper writing and Publishing in Reputed Journals on 18th April 2020 organized by Start Core Technologies.
9. Webinar on “Sustainable Development Goals-Access to improved Governance” on 18/04/2020 organizing by CIPS.
10. Webinar on Artificial Intelligence, Data Science & Machine Learning on 19th April 2020 organized by Start Core Technologies.
11. Webinar on "Develop the ability to write Research Proposal" on 24th April 2020 organized by Adarsh group of Institutions (AIMIT), Bengaluru.
12. Webinar on "Future of AI" on 20th May 2020 organized by IETE Mumbai in association with Pantech solutions.
13. Attended a 4 Week Refresher course on “Faculty Induction Programme”, organized by MGNCRE sponsored by MHRD on 1/11/18 to 30/11/2018.

**Online Certifications:**

1. Course on Programming for Everybody (Getting started with Python) is completed on 28th April 2020 conducted by Coursera.
2. NPTEL Course on Microprocessors and Interfacing (12 Weeks)
3. NPTEL Course on Embedded System Design with ARM (8 weeks)
4. Course on "MATLAB onramp" is completed on 14th May 2020 conducted by MathWorks Training Services
5. Short Course on Learn to Design your own Solar Home System is completed on 29th June 2020 organized by Energy Swaraj foundation