

# Mrs. S. Vijaya lakshmi

## Assistant Professor



**Education Qualifications:** M.Tech (CN&IS), (P.hD)  
**Specialization:** Computer Science and Engineering

### ADDRESS:

- D – Block -Room No. D206

### JNTUH ID:

23150404-112649

### EMAIL:

svijayalakshmi\_cse@mgit.ac.in

### DATE OF JOINING:

16-08-2007

### EXPERIENCE - 15 Years

- Teaching - 16

### SUMMARY:

- Publications - 6
- Conferences - 3
- Patents – 1

### EVENTS:

- Organized --1
- Attended – 3

### Membership of Professional Bodies:

1. Life time member for ISTE.
2. IAENG member.

### Responsibilities Held at Institution Level:

1. CISCO training
2. Nirvana Committee member

### Responsibilities Held at Department Level:

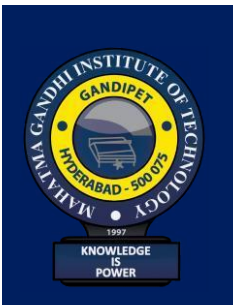
1. NBA Criteria 5
2. Minutes of Meeting Incharge
3. Class Incharge
4. Mentor

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

1. UG: C, Computer Networks, Cryptography and Network Security, Database Management Systems, Operating Systems, Java, Python, Deep Learning and Neural Networks, Data Science, HCI, Embedded Systems, Compiler Design.
2. PG: Advanced Computer Networks, Cyber Security, Blockchain Technology

### Publications:

1. Sai Tanmayee, N Musrat Sultana, S Vijaya Lakshmi, "Machine Learning Approach for DDoS Detection", Vol XIII, Issue V, May 2020, ISSN : 0731-6755, Page No: 264-270.
2. S. Vijaya Lakshmi, N. Musrat Sultana, "Security Analysis and Improvements of Access Control in the Internet of Things", Turkish Journal of Computer and Mathematics Education, Vol.12 No.9 (2021), Page No: 1557-1567.
3. N. Musrat Sultana, K. Shirisha, S. Vijaya Lakshmi, "A Competent Model for Security and Privacy in IoT using Fog Computing", TEST Engineering Management, Vol. 82: Jan/Feb 2020, page no. 8264-8271.
4. N. Musrat Sultana, K. Shirisha, S. Vijaya Lakshmi, Gousiya begum, "Structure Blocks for a Strong Ecosystem for Establishing End to End IOT Options", International Journal of Advanced Science and Technology, Vol.29, No.02, January 2020, pp.53-60.
5. Ms. N Musrat Sultana, Gousiya Begum, S. Vijaya Lakshmi, K. Shirisha, "Effective Routing in P2P Networks with Security Deliberations", International Journal of P2P Network Trends and Technology- Volume 3 Issue 2 March to April 2014, ISSN: 2249-2615.
6. K. Shirisha, S. Vijaya Lakshmi, N. Musrat Sultana, "Methodological approach for Face Recognition Using Artificial Neural Networks", International Journal of Computer Trends and Technology (IJCTT) – volume 4 Issue 5 –May 2013, ISSN: 2231-2803, Page No: 1164-1170.

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- Teaching - 12

**SUMMARY:**

- Publications - 6
- Conferences - 2
- Patents – 1

**EVENTS:**

- Organized --1
- Attended – 3

**Conferences:**

1. International Conference on Communications and Cyber physical Engineering(ICCE 2024,28-29 Feb) G. Narayanamma Institute of Technology and Science for Women, Hyderabad, Telangana.
2. International Conference on Computing Communication and Electrical Technologies (ICCCET-2019 29th - 30th August 2019 G. Narayanamma Institute of Technology and Science for Women, Hyderabad, Telangana.
3. International e-Conference on “ADVANCED INNOVATION IN TECHNOLOGIES”, organized by ARIFA INSTITUTE OF TECHNOLOGY, Esanoor, Keezhaiyur Post , Thirukkuvalai Taluk, Nagapattinam-Dt, Tamilnadu, India.

**Patents:**

1. S.Vijaya Lakshmi, “Intelligent hearing aid system using augmented audio reality”, 2021-05-13, Patent Number: AU2021101495A4----

**Events Organized:****FDPs/STTPs:**

1. QUBIT-2019

**Events Attended:****FDPs/STTPs:**

1. Advance Data Structures 1.6.2020 To 11.6.2020 (2weeks) VNRVJIET, Hyderabad
2. CCNAv7: Enterprise Networking, Security, and Automation 15.4.2020-2weeks CISCO MGIT
3. AI 22.5.2020 To 26.5.2020 (1week) GNITS, Hyderabad

**Online Certifications:**

1. CISCO- Introduction to networks, Switching and Routing
2. NPTEL: COMPUTER NETWORKS
3. NPTEL:the joy of computing using Python.
4. COURSERA: AI
5. COURSERA: Python for Every One

**Any Other Contribution:**

1. Given Training to the students for AICTE &CISCO Cyber security Internship program.
2. Virtual CCNA program for students.
3. Life Time Membership in Red Cross Society.