

M.Mamatha

Assistant Professor



Education Qualifications: Master of Technology (CSE)
Specialization: Speech Processing

ADDRESS:

- D- Block -Room No 001B

JNTUH ID:

3218-160225-123026

EMAIL:

mmamatha_cse@mgit.ac.in

DATE OF JOINING:

16-02-2016

EXPERIENCE - 16 Years

- Teaching - 16

SUMMARY:

- Publications - 12
- Conferences - 2

EVENTS:

- Organized - 1
- Attended - 20

Membership of Professional Bodies:

1. Life time membership in CSI
2. Membership in ISTE
3. Life time membership in IAENG

Responsibilities Held at Institution Level:

1. Anti-Ragging duty and monitoring duty.
2. Autonomous work

Responsibilities Held at Department Level:

1. NAAC Work
2. NBA Work
3. JNTUH FFC Inspection Work
4. Autonomous Syllabus framing work
5. Qubit In charge
6. Student Mentoring
7. Class In charge
8. PRERANA
9. Class Review Committee Meeting

Honors/Awards Received:

Scored 93.36 in GATE-05

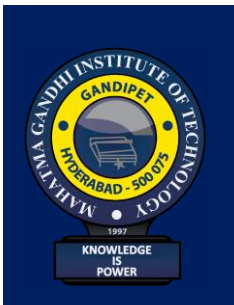
Courses Handled at Under Graduate /Post Graduate Level:

UG: Digital Logic and Design(DLD) , Design and Analysis of Algorithms (DAA), Discrete Mathematics (DM),Java, C-Programming, Compiler Design(CD),Theory of Computations(TOC), Database Management Systems (DBMS), Introduction to Information System (IIS), Advanced Information System (AIS), Data Structures (DS), Artificial Intelligence (AI).

- **PG:** Speech Information Processing(SIP)

Publications:

1. Pamula Swathi, Ms.M.Mamatha, Mr.P.Shyam Sunder, Dr.K.Rajitha “ AI-DRIVEN E-COMMERCE REVIEW ANALYSIS USING BERT ALGORITHM” in Journal of Advancement in Software Engineering and Testing, May-2025, e-ISSN: 2584-2226.
2. A.Swapna, K.Vedavathi, M.Mamatha, Akhil Sodari “A Mouse system Addressing the Carpal Tunnel Syndrome using Deep Learning” in INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE, Jun 2021,ISSN NO: 0972-1347
3. M.Mamatha “Bus Detection System for Blind People using RFID” in IJSART, Jun 2021, ISSN [ONLINE]: 2395-1052



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4. M.Mamatha “Conversion of Speech Using CNN” in IJSART, Jun 2021, ISSN [ONLINE]: 2395-1052
5. “Chatbot for E-Commerce Assistance: based on RASA” in Turkish Journal of Computer and Mathematics Education- May,2021,ISSN: 6173 – 6179
6. M.Mamatha, K.Vedhavathi “Geomagnetic Data Reconstruction using ML and RNN” in INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE, Jun 2021, ISSN NO: 0972-1347
7. M.Mamatha, T.Bhaskar Reddy “Speech Retrieval using RNN and DNN methods” in Blue Eyes Publications, Oct 2019,ISSN:2249-8958
8. M.Mamatha, T.Bhaskar Reddy “Voice Based Retrieval using Convolution Neural Network in Deep Learning” in IJITEE(Scopus Journal) Blue Eyes Publications, Oct 2019, ISSN: 2278-3075
9. Neha Naaz, Anjali Goswami, M.Mamatha, Y.Pavan Narasimha Rao “Behaviour Analysis Using Compa algorithm to Detect compromised Accounts” in International Journal of Research, vol-9 2019, ISSN:2236-6124
10. Namitha Maria Isaac, Roopa Sree, C.Sudha, M.Mamatha “Identification of Pest and affected Area using Python” in IJRAR, Dec 2018, ISSN: 2348-1269
11. M.Mamatha, T.Bhaskar Reddy "A Survey on Automatic Question-answering process in Speech using Spoken term detection", in journal IJCTT July 2017 ISSN No:2231-2803
12. Sunitha, M.Mamatha “A Frame work for Video streaming and Sharing of video in clouds”, in journal IJCST, Jun 2014, ISSN No: 2229-4333.
13. M.Mamatha, D.Kavitha ‘A Survey on automatic Question-Answering Techniques’ in IJRCM for publication in Volume No.3(2013),Issue No.10(October),ISSN No:2231-1009

Conferences:

1. M.Mamatha “Landmark Recognition” in ARIFA Institute of Technology , Apr 2021
2. T.Suneetha, M.Mamatha “Data Warehousing and DataMining”, in SVITS QUEST-2005

Events Organized:

Conferences:

1. I Have organized 3 day’s online Workshop on “**Security and Use Case Aspects of Block Chain Technology**” by Department of CSE, Mahatma Gandhi Institute of Technology from 17th to 19th August 2020

Online Certifications:

1. Course Era- C-Language, Python, Speech Processing
2. NPTEL -Discrete Mathematics