

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-23

Name:G.Mamatha
Designation: Assistant Professor
Department: CSE-AIML&IOT
Mail ID: mamatha_g@vnrvjiet.in



Experience (in years): Teaching: 7.8yrs
AICTE ID: 1-2706567567

Research: ----
DoB: 03/08/1991

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D.	-	-
2.	M.TECH	2015	CSE
3.	B.TECH	2013	CSE

2. Teaching and Learning:

2.1. Teaching Interests:

C,PPS,DS,DA,CO,COOS,AI, ML, CN,SPM, SE,OS, DBMS, JAVA etc.,

2.2. Novel Teaching & Learning Techniques adopted:

- Chalk and Talk
- Digital Class room
- Learning by Doing
- Flipped Classes
- Brainstorming
- MOOCS
- WIT WIL

2.3. Involvement in curriculum updating / Design:

NIL

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- To motivate students towards research and publication.
- Planting
- Browsing internet for research.
- Reading books

3.2. CCA/ECA Organized:

- Faculty Coordinator for Women's Day Celebration
- Faculty Coordinator for cultural activities Celebration
- Faculty Coordinator for NAAC & NBA
- CLASS Coordinator

3.3. CCA/ECA participated:

- Women's Day Celebration
- cultural activities Celebration
- NAAC & NBA

3.4. Counseling and Mentoring Activity:

- 24 members from 2020-24 batch IOT
- 20 members from 2021-25 batch AIML
- 2021-2025 AIML & IOT Training session

3.5. Committees involved in: NIL

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

4.2 Attended:

- Faculty Development Program on DevOps and Cloud Technology
- Three Days Workshop on "Big Data Computing"
- One Week FDP on "Data Science for Engineers"
- One Week FDP on "Natural Language Processing (NLP)"
- Participated in the Professional Development Programme on "Instructional Design and Delivery Systems"
- Machine Learning, AI & Its Applications
- one week online FDP on "Being a Super Teacher"
- "Online Quiz on Data Structures using C",
- 6 days online fdp on course structuring, teaching and evaluation HEI as per OBE.
- Design Challenges in IoT Applications

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NIL

5.2. Articles / Chapters published in Books: NIL

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided: 25

5.5. Research Interests: DL, CNN, AI

5.6. Ph.D. students:

- a) Enrolled: NIL

b) Submitted: NIL

c) Awarded: NIL

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	A review on big data cloud computing security issues.	International Journal of Conceptions on Computing and Information Technology Vol. 4, Issue. 1, January' 2016; ISSN: 2345 – 9794	ISSN: 2345 – 9794	IMPACT FACTOR-5.5	International
2	Virtualization Security for Cloud Computing.	IJICS	ISSN NO:0972-1347	IMPACT FACTOR-5.3	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Effective Approaches for securing sensitive data and supporting multi data applications in cloud forensics environment	ICETCS ISBN-978-81-939386-1-4	international	2018
2	Recommender system using Machine Learning Techniques.	ICETCS ISBN-978-81-90631-01-8	international	2020
3	A Cloud Based System to Sense Security Vulnerabilities of Web Application in Open-Source Cloud IAAS.	ICETCS ISBN-978-93-85100-13-0	international	2017

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

6. Awards / Honors received:

- First prize in throw ball competition.

7. Motto: Learning, Working, and Growing Together