



# Dr. Aruna Mailavaram

## Assistant Professor



**Education Qualifications:** DECE, B.Tech(CSIT), M.Tech(SE), PhD(CS).  
**Specialization:** Computer Science Engineering

### ADDRESS:

- D – Block -107

### JNTUH ID:

59150404120305

### EMAIL:

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### DATE OF JOINING:

08-02-2023

### EXPERIENCE - 1 Years

- Teaching - 18
- Research - 2

### SUMMARY:

- Publications - 5
- Conferences - 1

### EVENTS:

- Organized - 1
- Attended - 8

### Membership of Professional Bodies:

Member of IEANG

Member of Vidwan

### Responsibilities Held at Institution Level: -

Anti - Ragging Committee Member

Campus Monitoring Committee member

### Responsibilities Held at Department Level: -

Class Incharge

Incharge for ITWS

Involved in Admission Process

Student Mentor

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

- **UG:** Python programming, Principles of Programming Languages, Operating Systems, Software Engineering.
- **PG :** Advanced Data Structures.

### Publications:

Scalability through Application Delivery Controllers (ADC) for Load Balancing in Cloud Computing, IJARESM, ISSN : 2455-6211, Volume 9, Issue 10, October- 2021  
Impact factor : 7.429.

Horizontal Scalability based Load Balancing in Cloud Computing for efficient Task Allocation using Group Task Algorithm, BioGecko, ISSN No: 2230-5807, Vol 12 Issue 03 2023.

2-D Scaling in Cloud Computing, Journal of Propulsion Technology, ISSN: 1001-4055, Vol. 44 No. 5 (2023).

Diagonal Scaling in Cloud Computing , Journal of Basic Science and Engineering, Vol 21. No. 1, (2024), ISSN : 1005-0930.

### Conferences:

Big Data: Scalability Storage

**Research & Consultancy:** - Security Emergency Alert project based on IoT.

**Events Organized:**

Conducted workshop on CUDA in KMIT and NGIT.

**Events Attended:**

FDPs/STTPs: - Attended FDP on Introduction to Analytics conducted by JNTUH

Attended FDP on Big Data Analytics conducted by JNTUH.

**Online Certifications:** - IMS Certificate on R Language

**Any Other Contribution:** Worked as a Women Empowerment Committee member.

