

## DEPARTMENT OF COMPUTER SCIENCE

### Personal Information

**Name** : A. Radhika  
**Designation** : Assistant Professor  
**Department** : Computer Science  
**Qualification** : M.Tech., M.Sc., PGDCA  
**Specialization** : Electronics, Computer Science  
**Date of Joining the Institution:** 11/6/2018  
**Total Teaching Experience : 18**  
**Official Email ID** : aradhikaalavala@gmail.com  
**Contact Number** : 7981951871



| Qualification | Specialization             | University | Year      |
|---------------|----------------------------|------------|-----------|
| M.Tech.       | Computer Science Engg.     | JNTUK      | 2012-2014 |
| MSc           | Electronic Instrumentation | ANU        | 1997-1999 |
| B.Sc.         | BSc-Electronics            | ANU        | 1994-1997 |

### Areas of Interest

#### ✓ Teaching Interests:

Programming Languages, Data Structures and Algorithms, Object-Oriented Programming, Database Technologies, Data Analysis Tools, Data Visualization Tools, Data Science, Web Designing Technologies, Computer Networks, Cyber Security, Artificial Intelligence, Machine Learning.

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### Courses Taught

#### Undergraduate Courses:

- ✓ BASIC, COBOL, Pascal Programming
- ✓ FoxPro
- ✓ DOS
- ✓ UNIX

- ✓ C Programming
- ✓ C++ Programming
- ✓ Data Structures and Algorithms
- ✓ Linux
- ✓ MS Office
- ✓ Database Management Systems – Oracle and MySQL
- ✓ HTML and XML
- ✓ Java Programming
- ✓ JavaScript
- ✓ Python Programming
- ✓ IPython
- ✓ R Programming
- ✓ Data Science
- ✓ Distributed Systems
- ✓ Natural Language Processing (NLP)
- ✓ Hadoop and Big Data Technologies
- ✓ Tableau

### **Postgraduate Courses: For MCA**

- ✓ DOS
- ✓ UNIX
- ✓ C Programming
- ✓ Computer Organization
- ✓ Discrete Mathematics
- ✓ Data Structures and Algorithms
- ✓ Design and Analysis of Algorithms (DAA)
- ✓ MS Office
- ✓ Database Management Systems – MySQL
- ✓ HTML and XML
- ✓ Java Programming
- ✓ Advanced Java – Servlets, JSP and EJB
- ✓ PHP with MySQL

- ✓ JavaScript

### **Value-Added/Certificate Courses:**

- ✓ C,DBMS, Data Analytics using R, Web Technologies, Google Drive and Cloud based Applications.
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### **Research Profile**

- Number of Research Publications: 3

#### **List of Publications**

- **A High Security Model Using Artificial Intelligence For Data Privacy I Heterogeneous Networks.**
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### **Academic Responsibilities**

- Examination Duties:  
Paper setting & External Examiner :
    - ✓ J KC College, Guntur
    - ✓ PB Siddhartha College of Arts & Science, Vijayawada
    - ✓ Maris Stella College, Vijayawada
    - ✓ SDMS Kalasala, Vijayawada
    - ✓ KBN College, Vijayawada.
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### **FDPs / Workshops / Conferences**

- ✓ Faculty Development Programmes Attended:  
[https://drive.google.com/drive/folders/13-qOtqtgiyDv\\_KmHulkQdKxvw3EPhAE1](https://drive.google.com/drive/folders/13-qOtqtgiyDv_KmHulkQdKxvw3EPhAE1)
  - ✓ Workshops/Seminars/Conferences:  
<https://drive.google.com/drive/folders/1f8yGu8Kxr-hH6nK0FTAekjpHIFjuAV6>
  - ✓ Resource Person/Invited Talks: 1
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### **Extension and Outreach Activities**

- ✓ Community Service: Mentor/Guider for Community Service Projects (CSP) (2024 – Present)

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## **E-Content and Digital Initiatives**

✓ NPTEL/SWAYAM Certifications: 2

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### **Contact Office Address:**

Department of **Computer Science**

Andhra Loyola College (Autonomous),

Vijayawada – 520008