POORNIMADEVI R ME(CSE).,

CONTACT

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ADDTIONAL COURSE
- Completed diploma course in web design (Front End)
  - 16.07.2017 to 15.10.2017
  - CCI Computer Education, Thiruvarur
  - A++ Grade ★★★★★

TECHNICAL SKILLS
1. **Programming Languages** - Python, C, C++, java
2. **Web Development** - HTML, CSS, JavaScript.
3. **Database** - MySQL(Basics)
4. **MS Office tools** - word, Excel, PowerPoint, Access.

ACADEMIC INTEREST
- Programming Languages (C, C++ and Java)
- OOPS Concepts
- Data Structures and Algorithms
- Computer Networks.

SUBJECTS HANDLED
- Programming in C and Java
- Computer Networks
- Database Management
- Artificial Intelligence

STRENGTH
- Self-motivated, Self Learner, Adaptability and Team-playing skills
- Able to handle situations in a very efficient way.
- Positive thinker.

LANGUAGES KNOWN
- Tamil & English

PROFESSIONAL SUMMARY

Friendly and dedicated academic professional with 2.5+ years of teaching experience and currently working as an Assistant Professor at Prince Shri Venkateshwara Padmavathy Engineering College. Possesses a strong foundation in Computer Science and Engineering, with expertise gained through postgraduate studies. Skilled in curriculum development and guiding students through complex technical concepts. Committed to delivering impactful teaching and fostering academic growth in a dynamic learning environment.

EXPERIENCE

Sep 2024 – Till Date

Assistant Professor| Prince Shri Venkateshwara Padmavathy Engineering College | Chennai, India.

- Handling core subjects: Operating Systems, Data Science, and Computer Vision for undergraduate students.
- Guided final year students in completing their end-semester capstone projects in emerging technologies.
- Mentoring students on academic performance, career planning, and personal development.
- Conducted lab sessions and hands-on activities to enhance practical understanding and technical skills.
- Contributed to curriculum planning and subject enrichment through innovative teaching methods.

June 2019 to Dec 2022 (2.5 Years)

Lecturer | Nethaji Subash Chandra Bose College | Thiruvarur, India.

- Handled all systemized works and Programming languages labs
- Hands on Experience in lab sessions and utilized various development tools.
- Managed all systemized tasks and projects in lab

ACADEMIC BACKGROUND

ME(CSE)., | Duration 2022-2024(2 Years)
- CGPA- 87%
- Year of Passing April 2024
- AVC College of Engineering, Mayiladuthurai, India.

BE(CSE)., | Duration 2015-2019(4 Years)
- CGPA- 83%
- Year of Passing April 2019
- AAMEC, Thiruvarur, India.

PROJECT WORK:

1.Security Enhancement in Credit Card Transaction System- Using Visual Cryptography
This system describes a technique for secure transaction using visual cryptography to Generate OTP for efficient and to reduce economic losses. Addresses the problem of password being vulnerable to attack, by OTP generation u+l cryptography secure transaction can be done efficiently.

2. Enhancing Employee Performance Through Emotion Recognition System
This System is used to recognize the human expression for analyzing the mental state of the user using machine learning algorithms. It will help to improve the performance of the user during their working period by providing recommendations like playing games, music or suggesting yoga to them based on their mental state of emotion.

PAPERS PUBLISHED

1. Submitted Articles in **"National Conference on Advanced communication computing and power system"(NCACCPS 2019) at ST.Joseph's College of Engineering and Technology - Thanjavur.**
Title : Security Enhancement in Credit and Transaction using Visual Cryptography.

2. Submitted Articles in **"International Conference on Computing communication and sustainable Energy System"(ICCCSES-24) at E.G.S Pillay Engineering College - Nagapattinam.**
Title : Facial Expression Recognition System using YOLO and NMS Algorithm.

3. Submitted Articles in **" 10th National Conference on Innovative Computing Techniques"(NCICT'25) at Dr. MGR University, Chennai**
Title : Local Service Availability and Social Connection using Cloud Computing.

4. Submitted Articles in **"National Conference on Recent Trends in Computational Intelligence"(NCRTCI'25) at SRM Valliammai Engineering College, Chennai**
Title : Deep Learning Based Respiratory Sound Analysis For Detection Of COPD Exacerbation.

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

1. 5 Days online FDP on "Advancing Scholarly Excellence: From publications to Innovation in Research" organized by IQAC of Prince Shri Venkateshwara Arts and Science College from 11.11.2024 - 15.11.2024.

2. 5 Days Industry Sponsored International Research Programme on " Incentive Research Conception Using Advanced Learning Models" organized by Dept. of CSE, ST. Joseph Institute of Technology from Dec 16 to Dec 20 2025

3. Participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AI and Quantum Computing:Glimpsing the Near Future at SRI SAIRAM ENGINEERING COLLEGE from 20/01/2025 to 25/01/2025.