

RAGHU RAM CHOWDARY VELEVELA

vraghuram2021@gmail.com

PROFILE:

Dedicated and results-driven Assistant Professor specializing in Computer Science and Engineering. Adept at curriculum development, research mentorship, and fostering a dynamic learning environment. Experienced in guiding students in AI, Data Science, and Cybersecurity, with a strong publication record in reputed journals. Additionally, possess 5 months of industry experience as a Marketing Manager, demonstrating expertise in market analysis, strategic planning, and brand management. Passionate about bridging the gap between academia and industry through research, innovation, and data-driven decision-making.

EXPERIENCE:

ASSISTANT PROFESSOR | DEPARTMENT OF IT - SRGEC | AUGUST 2021 – PRESENT

- Conducted lectures and hands-on sessions on AI, Data Science, Cybersecurity, and Computer Science subjects.
- Supervised undergraduate and postgraduate research projects, guiding students in data analytics, machine learning, and network security.
- Published multiple research papers in reputed journals, contributing to advancements in AI and cybersecurity.
- Designed and updated course curricula to align with industry trends and technological advancements.
- Organized and participated in faculty development programs, conferences, and workshops.
- Mentored students in academic and career development, preparing them for higher studies and industry roles.
- Collaborated with faculty and industry professionals to promote interdisciplinary research and innovation.

MARKETING MANAGER | TECHNO MIGRATE – NY | MAY 2023 – SEPTEMBER 2023

- Developed and implemented marketing strategies to drive brand awareness and business growth.
- Conducted market research and competitor analysis to identify trends and opportunities.
- Managed digital marketing campaigns, including social media, SEO, and email marketing.
- Coordinated with sales teams to enhance customer engagement and optimize lead conversion.
- Created compelling marketing materials, presentations, and promotional content.
- Monitored campaign performance and utilized data-driven insights for strategy improvements.

EDUCATION:

DOCTOR OF PHILOSOPHY | OCTOBER 2024 (PURSUING) | JNTU, KAKINADA

MASTER OF TECHNOLOGY | JULY 2021 | SRGEC, GUDLAVALLERU

BACHELOR OF TECHNOLOGY | JUNE 2019 | SRGEC, GUDLAVALLERU

SKILLS:

- Tableau, PowerBI, Data Visualization
- Data Analysis, Data Warehousing
- Advanced MS – Excel, Power Point, Word
- HTML, CSS, Java Script, PHP, JQuery, Bootstrap, JDBC, MySQL
- React, Express, Node, Angular
- C, Java, R Programming, Linux, Python
- Salesforce, Git, AWS
- Hadoop, HQL, Pig, Spark

EXPOSURE:

Project 1: Developed a breast cancer detection model using machine learning techniques, achieving high accuracy in early diagnosis. Utilized data analysis and feature engineering to enhance predictive capabilities, contributing to improved patient outcomes.

Project 2: Created and deployed a smart home network using Cisco Packet Tracer, showcasing proficiency in network design and IoT integration. Improved home automation, security, and remote access for a modernized living experience."

Project 3: Applied Convolutional Neural Networks (CNN) to analyze telecom customer churn patterns. Enhanced predictive accuracy and identified factors influencing customer retention, contributing to reduced churn rates and improved customer satisfaction.

Project 4: Conducted in-depth analysis of the Iris dataset using SPSS, identifying key insights and patterns in flower species. Utilized statistical techniques to enhance data-driven decision-making. Presented results for informed decision support.

Project 5: Created an e-nursery platform with data mining algorithms to provide personalized plant care recommendations, improving user gardening experiences and plant health.

Project 6: Developed a Body Mass Index (BMI) calculator and analysis project using R programming. Utilized statistical methods and data visualization to provide valuable health insights. Presented findings and recommendations for healthier lifestyle choices.

Project 7: Designed and launched a fruits and veggies e-commerce website using Wix, optimizing user experience and product visibility. Enhanced site functionality for seamless ordering and payment processes, contributing to increased sales and customer satisfaction.

URL: <https://velivela9999.wixsite.com/fruitsveggies>

PROJECTS GUIDED:

- **MINI PROJECTS** : **02**
- **MAJOR PROJECTS** : **12**
- **COMMUNITY SERVICE PROJECTS** : **10**

PUBLICATIONS & PAPERS REVIEWED:

- **PAPERS PUBLISHED** : **44**
- **CONFERENCES** : **06**
- **PAPERS REVIEWED** : **130**

MEMBERSHIPS:

- International Association of Engineers (**IAENG**)
- Computer Science Teachers Association (**CSTA**)
- Institute for Educational Research and Publication (**IFERP**)
- National Society of Professional Engineers (**NSPE**)
- Artificial Intelligence Medical & Engineering Researchers Society (**AIMERS**)
- International Management Research and Technology Consortium USA (**IMRTC**)

COURSES DELIVERED:

- Formal Languages and Automata Theory / Theory of Computation
- Python Programming
- Big Data Analytics
- Software Project Management
- Full Stack Application Development
- Mern Stack Technologies
- Mean Stack Technologies
- Virtual and Augmented Reality
- Computer Vision
- Web Technologies
- Python with Django

- Data Science Using Python Lab
- Introduction to Programming
- Full Stack Development-1
- Operating Systems and Software Engineering Lab
- Principles of Big Data Analytics

DEPARTMENT RESPONSIBILITIES:

- Feedback Coordinator (2021-2025)
- Alumni Coordinator
- Website Coordinator
- Projector Coordinator
- Training and Placement Co-coordinator
- Facilities Co-ordinator
- NAAC 2 & NBA 2 Member (2021-2025)
- NAAC 5 Member
- NBA 4 Member

ACHIEVEMENTS:

- Working as a reviewer of **INTERNATIONAL JOURNAL OF RESEARCH AND INNOVATION IN SOCIAL SCIENCE.**
- Working as a reviewer of **INTERNATIONAL JOURNAL OF RESEARCH AND SCIENTIFIC INNOVATION.**
- Working as a reviewer of **INTERNATIONAL JOURNAL OF RESEARCH AND INNOVATION IN APPLIED SCIENCE.**
- Working as a reviewer of **INTERNATIONAL JOURNAL OF LATEST TECHNOLOGY IN ENGINEERING, MANAGEMENT & APPLIED SCIENCE.**
- Working as an editorial board member of **JOURNAL OF BIG DATA ANALYTICS AND BUSINESS INTELLIGENCE.**
- Working as an editorial board member of **JOURNAL OF CYBER SECURITY, PRIVACY ISSUES AND CHALLENGES.**

- Working as certified reviewer in **INTERNATIONAL JOURNAL OF INNOVATION RESEARCH IN TECHNOLOGY**.
- **ORACLE CLOUD INFRASTRUCTURE 2024 GENERATIVE AI CERTIFIED PROFESSIONAL** certified by Oracle Corporation.
- Successfully completed multiple courses on edX, OpenWeaver Udemy, ATAL, COGNICO and ZoomInfo, covering topics in AI, Data Science, Cybersecurity, and Cloud Computing.
- Actively participated in 30+ Faculty Development Programs (FDPs), enhancing expertise in emerging technologies and academic methodologies.
- Completed Coursera certificate on **“PYTHON FOR DATA SCIENCE, AI & DEVELOPMENT”** by IBM with 95.20%.
- Participated in **“BUILD A FACE RECOGNITION APPLICATION USING PYTHON”** as a part of **“AI FOR INDIA – THE GUINNESS WORLD RECORD WINNING EVENT”** by GUVI, an Indian Institute of Technology-Madras incubated startup in association with AICTE & co-sponsored by BUDDI.AI
- Completed Coursera certificate on **“TOOLS FOR DATA SCIENCE”** by IBM with 82.83%.
- Completed **“PCAP: PROGRAMMING ESSENTIALS IN PYTHON”** certification by Python Institute, Open Education & Development Group.

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Google Scholar: <https://scholar.google.com/citations?user=rYp8M64AAAAJ&hl=en>

ORCID: <https://orcid.org/0000-0001-6163-6529>

FAVORITE MORAL (I FOLLOW):

“LISTEN TO EVERYONE AND LEARN FROM EVERYONE, BECAUSE NOBODY KNOWS EVERYTHING BUT EVERYONE KNOWS SOMETHING.”