RESUME

PRIYA RANI
(COMPUTER SCIENCE AND ENGINEERING)

E-mail	: payalgov1994@gmail.com
Contact no.	**: 9205679358 , 9654055302**
Present Address	**:** Ghaziabad U.P (201009)

Summery

Results-driven Assistant Professor specializing in Computer Science and Engineering with notable expertise in Artificial Intelligence, Machine Learning, and Natural Language Processing. Experienced in teaching both undergraduate courses, along with supervising diverse research projects. Adept at curriculum development and actively contributing to academic programs to enhance student learning experiences.

Academic Record

Jawaharlal Nehru University (JNU), New Delhi   Dec 2020-Jan 2023

(School of Computer & systems Sciences)

M. Tech (Statistical Computing(Data Science))   **per** – 80.04%

Dr. A. P. J. Abdul Kalam Technical University, Lucknow   2011-2015
(ACE , Ghaziabad)

B. Tech (Computer Science and Engineering)   **Per -** 66.01%

JNUEE: Rank-1 (for M.Tech Data Science)

PROGRAMMING LANGUAGES AND SOFTWARES

Hard Skills:
- Research skills
- Machine Learning
- Python
- C, C++
- C# , .NET
- MySQL
- Web Development
- Adobe creative suite

Soft Skills

- Believe in teamwork
- Project Management
- Problem solving skills.
- Determined to learn with a practical approach.
- Self-managed, self-motivated, have an open mind for working with improving and adopting newideas.
- Ability to work with a diverse group of people.
- Creativity, Work ethic, Punctuality, Honesty

Area of Interest

Fundamental of C , DBMS , Python , Machine Leaning, Linear Algebra , Alogorithm , Theory of Computation etc

Experience

Currently working as an Assistant Professor in an Engineering College.

Assistant Professor   2022-2023
Dronacharya Group of Institutions   Greater Noida, India

- Performed instructional duties in computer science and engineering, focusing on advanced topics in AI and ML
- Oversaw and mentored undergraduate and postgraduate research projects, promoting innovative solutions and critical thinking
- Actively participated in the development of curriculum to align with industry standards and emerging technological trends

Assistant Professor   2018-2019
Adhunik College of Engineering,   Ghaziabad, India

- Contributed towards enhancing educational quality through active involvement in curriculum review and departmental events.
- Guided students in project development, enhancing their practical knowledge and skills in technology.
- Played a pivotal role in delivering engaging lectures on fundamental and advanced topics in computer science.

Summer Training

Company	:	Saffron Services
Designation	:	Console Applications and Web Designing using C#
Duration	:	1- june-2015 to 27-nov-2015
Description		

College projects

Academic Projects

- **Automated Bug Triaging** Developed during M. Tech, focusing on automating the assignment of bugs to appropriate developers using machine learning techniques.
- **Recommender Systems** Created various recommendation models utilizing machine learning algorithms in the third semester of M. Tech.
- **Text Summarization** Implemented a project using Python and NLP libraries to generate concise summaries of textual data during the third semester of M. Tech.
- **E-Shopping Application** Developed as the final year B. Tech project using ASP.Net, C#, and SQL Server 2005 on the Windows platform.

Accomplishment

- **FATE Examination** 2017, Secured an impressive 99% in the FATE Examination 2017, showcasing my academic capability in competitive testing.
- UPSEE Rank 2017, Achieved a commendable **rank of 117** in the **Uttar Pradesh State Entrance Examination** (**UPSEE**) for MBA in 2017.
- **GBTU Entrance Exam 2017**, **Ranked 11th** in the **Gautam Buddha Technical University (GBTU)** entrance exam for M. Tech, reflecting my strong academic foundation.
- **UPSEE 2020**, Achieved **30 rank in UPSEE 2020** (Mtech Entrance) conducted by AKTU LUCKNOW for M.Tech entrance exam.
- **Qualified UGC NET for Ph.D. Eligibility – [Jan, 2025]**
- **Qualified GATE CSE 2025.**

Certificates

- **Applications of Machine Learning in Urban Studies** – *ISRO, 2023* Completed a course exploring machine learning applications in urban challenges.
- **Machine Learning**, Simplilearn, Successfully completed an online course, building a strong foundation in predictive analytics and algorithm development.
- **7th Summer School on AI**, IIIT Hyderabad, Participated in a 2023 program focusing on Computer Vision and advanced Machine Learning methodologies.
- **Data Structures in C**, Certification, Acquired skills in implementing core data structures and algorithms using C programming.
- **Artificial Intelligence Summer School**, IIIT Delhi, Awarded a certificate for participating in the AISS 2024 Summer School on Artificial Intelligence.
- **Advanced Learning Algorithms**, Coursera, Successfully completed a course authorized by DeepLearning.AI and Stanford University, focusing on cutting-edge ML techniques.
- **Supervised Machine Learning: Regression and Classification**, Coursera, Specialized in regression and classification models through an industry-recognized program by DeepLearning.AI and Stanford University.
- **Unsupervised Learning, Recommenders, and Reinforcement Learning**, Coursera, Certified in unsupervised learning methods, recommendation systems, and reinforcement learning strategies through a course by DeepLearning.AI and Stanford University.

Academic Project

Human Following Robot for Smart Trolley and Smart Stretcher
This project involved guiding a student team to develop a human-following robot prototype, designed for use in smart stretchers and smart trolleys. The robot utilizes ultrasonic sensors for distance measurement and obstacle avoidance, allowing it to follow a person at a safe distance. Controlled by an Arduino Uno, the robot moves based on sensor input, with applications in hospitals (for contactless patient handling) and industries (for heavy load transportation). The project used Embedded C programming and aimed to automate tasks while improving efficiency and safety.

Research Paper:
• Research Paper on "**Human Following Robot (For Smart Trolley and Smart Stretcher)**", International Journal of Scientific Research in Engineering and Management (IJSREM), Vol. 07, Issue 05, May 2023, SJIF 2023: 8.176, ISSN: 2582-3930.,
https://ijsrem.com/download/human-following-robot/
DOI : https:doi.org/10.55041/IJSREM21380
• "**Attendance Management System**", International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 8, May 2023
DOI : htttps://doi.org/10.48175/IJARSCT-10320

Personal Details

Name	:	Priya Rani
Date of Birth	:	30-May-1994
Father's Name	:	Mr. Ram kishan Singh
Permanent Location	:	Ghaz iabad
Languages known	:	English , Hindi
Marital Status	:	Single