**MS.SheetalMavi**

AssistantProfessor

DepartmentofComputerScience,

BharatiCollege,UniversityofDelhi,

NewDelhi,India

Mobile-+91-7863808050

Email-sheetal.mavi@bharati.du.ac.in



RESEARCH INTERESTS

AI-Enhanced Crops, Automation Trends,Smart Farming,IoT Integration,Crop Prediction,Disease Detection,Robotic Farming,Resource Management

EMPLOYMENT HISTORY

* Worked as Assistant Professor (On guest Basis) in the **Department of Computer Science in Rajdhani College, University of Delhi, Delhi** (Aug,2022-September,2023)
* Worked as Assistant Professor (On guest Basis) in the **Department of Computer Science in Shaheed Sukhdev College of Business Studies, University of Delhi, Delhi** (January,2022-

April,2023)

* Worked as Assistant Professor (On guest Basis) in the **Department of Computer Science in Delhi Technological University, Delhi** (November,2021-December,2022)
* Worked as Assistant Professor in the **Department of Computer Science in KCC Institutes, affiliated to Guru Gobind Singh Indraprastha University, Delhi** (January,2020-November,2020)
* Worked as Assistant Professor in the **Department of Computer Science in LCP College of Education, Uttar Pradesh** (July,2017-December,2019)

EDUCATIONAL QUALIFICATIONS

* **Doctor of Philosophy, Information Technology** (Enrolled in July,2021)

Amity Institute of Information Technology, Amity University, Noida, India **Title: Precision Agriculture Using Artificial Intelligence**

* **Master of Computer Applications** (2014-2017)

Management Educational Research Institute, Guru Gobind Singh Indraprastha University, Delhi, India **Division: First**

* **Bachelor of Mathematics(H)** (2011-2014)

Vivekanand College, University of Delhi, Delhi, India **Division: First**

EXAM QUALIFIED

**UGC National Eligibility Test (2019)**

PUBLICATIONS

**SCOUPS Indexed Journal Papers**

1. **Sheetal Mavi**,Neetu Mittal,Pradeepta Kumar Sarangi ”Implementation of AI based model for Identification of different soil types using Tensorflow”, Status-accepted,*Macromolecuar Symposium*
2. **Sheetal Mavi**,Neetu Mittal,Pradeepta Kumar Sarangi ”Analysis of Automated Monitoring and Regulation Techniques for Precision Agriculture”, *Status- communicated*

PATENTS

1. Title of Invention -ARTIFICIAL INTELLIGENCE-DRIVEN SUPPLY MANAGEMENT SYSTEM,*Application no -202311018915,The Patent Office Journal No. 19/2023*
2. Title of Invention-AN AUTOMATED MACHINE LEARNING AND ONTOLOGY BASED APPLICA-

TION SCREENING SYSTEM FOR JOB RECRUITMENT,*Application no -202311038175,The Patent Office Journal No. 27/2023*

BOOKS

1. Digital Marketing, Publication Status: Currently in the publication process with Vikas Publication.
2. Social Media Marketing, Publication Status: Currently in the publication process with Vikas Publication.

ASSOCIATION WITH PROFESSIONAL BODIES

* Member,Easy chair Conference Management System
* Member, IAENg Society, Hongkong

COURSES/FDPs/WORKSHOPS PARTICIPATION

* O Level Certification Course from NIELIT New Delhi in 2014
* Advance Excel 15 days training Course from KCCILHE in February 2020.
* Digital Marketing Certification course from Google in May 2020.
* Three days FDP on “Recent Trends in Artificial Intelligence and Impact on Teaching Professionals” by

RATHNAVEL SUBRAMANIAM COLLEGE OF ARTS AND SCIENCE.

* Three days FDP on ”R Programming” organized by Sona College of Technology, Spoken Tutorial
* Five Days FDP on ”PYTHON PROGRAMMING” organized by Sona College of Technology, Spoken

Tutorial.

* Five days FDP on ”Latex” organized by Chevalier T. Thomas Elizabeth College for women.
* Online FDP on “Intellectual Property Rights” organized by S.A JAIN (PG) COLLEGE, AMBALA CITY.
* One Week Online FDP on “Quality Education Delivery through Enhanced Competencies” from 27th July-2nd August 2020.
* Five days FDP on “Research Methodology and Data Analysis” organized by Faculty of Commerce and Business Studies, Motherhood University Roorkee from 25th November 2020 to 12th December,2020. • Four days Webinar on “An Effective Research Paper Writing Skills” organized by Bhagwan Mahavir College of Commerce and Management Studies (Surat, Gujarat)
* National Webinar on ”Cyber Crime, Law & Security” organized by Shivaji College, University of Delhi.
* Webinar on “Changing Paradigm of Research in COVID Era” organized by Shivaji College, University of Delhi.
* Webinar on “Benchmarks of Research” organized by IQAC - Loyola college of Education, Chennai.
* Webinar on “Reviving Post Pandemic: Opportunities and Impediments” organized by Shivaji College, University of Delhi

ROLES/RESPONSIBILITIES/PARTICIPATION

* Served as an examiner for the MCA program at IGNOU. • Selected as a Resource Person for a 5-day Python Programming workshop in Physical Sciences in Rajdhani College, University of Delhi, February 2023.
* Frequently appointed as an External Examiner in various colleges.
* Facilitating effective communication and collaboration with faculty members to ensure the successful execution of online classes, timely reporting, and adherence to the academic schedule.
* Judge, Technical Quiz Competition “Techbuzz 2020” in KCCILHE Greater Noida.
* Worked as Editor for Journal ‘’BENCHMARK” KCCILHE.
* Coordinator for Technical and Cultural Fest Team.
* Coordinator responsible for Timetable Management
* Active contributor to departmental committee activities
* Mentor and guide students in their research projects
* Assess, supervise, and provide guidance for students’ academic advancement

TECHNICAL SKILS

**Languages** Python,C, C++

**Word Processing** LATEX, MS Office Suite and Adobe photoshop

TEACHING PHILOSOPHY

As an assistant professor, my teaching philosophy is rooted in the belief that education should empower students to think critically, engage in active learning, and become lifelong learners. I am committed to fostering an inclusive and dynamic classroom environment where students are encouraged to explore, question, and collaborate, ultimately preparing them to excel in their academic pursuits and beyond.

PERSONAL INFORMATION

Home Address Sheetal Mavi

Noida Extension,

Gautam Budh Nagar, U.P, Pin-201318, India

Nationality Indian

Language Hindi(Native), English

REFERENCES

Available on Request