Name of the Faculty: Ms.Medhavi Bhargava

Designation: Assistant Professor

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Contact No.: 9179726556,7987484914

Educational Qualification:

M.tech in Information Technology from BUIT, BU Bhopal.

Pursuing P.hd in Computer Science from LNCT, Bhopal

Total Experience: 13 Years

Area of Interest: Artificial Intelligence, Software Engineering, Computer network, Cloud Computing

Brief Profile:

Medhavi Bhargava has done MTech in Information Technology from BUIT, BU Bhopal, India. She has about 13 years of experience in Teaching. She has around research papers publications. Her research interest includes Artificial Intelligence, Mobile ad hoc network, computer Networks, Software Engineering.

Research Publications

1. Published a research paper titled "Analysis of Congestion Control Techniques for Improving QoS using Machine Learning Approach in MANET" in 3rd International conference on communication and information Technology in Business, Industry and Government (2023) organized by Symbiosis University of applied science.

2. Published a research paper titled "Energy and Signal Strength based Reliable Route Prediction by Fuzzy Rules in MANET (ESRP)in 4rth Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2024).

3. Paper published in international conference on "network Security and Block Chain Technology" Titled by "Data Receiving Analysis for secure routing from Black Hole attack in a spontaneous network using Block Chain Method".

4. Presented paper in international E- conference on "Exploration of New Horizon in Science, Technology & Humanities" Titled by "Analysis and Design of Cargo Container for delivery drone applications".

5. Paper Published in International Journal "IJCSSE" Titled by "Detection and Defense Scheme against Cooperative Routing Attacks in MANET".

PARTICIPATED TRAINING PROGRAMME/WORSHOP/SCHOOL/FDP

- participated in the Five Days Faculty Development Programmed (Hybrid Mode) on "Intellectual Property Rights, Product Development & Entrepreneurship" held from 13/02/2024 to 17/02/2024 at Poornima College of Engineering, Jaipur, Rajasthan, India.

- Has participated in five days faculty Development programmed (Hybrid mode) on "Current Practices, Research trends in machine learning and deep learning from 07/08/2023 to 11/08/2023. Organized by department of information and technology, STES's Sinhged academy of Engineering pune.

- College of Engineering, Jaipur, Rajasthan, India.

- Attended one week FDP program under TEQIP-II organized by RGTU, Bhopal.

- Attended a Workshop Titled by 'How to write a research paper' organized by IIT Bombay in TIEIT, Bhopal

- Attended a Workshop Titled by" Akash Tablet "organized by IIT Bombay in TIEIT, Bhopal

- Attended a Workshop on "Rational Rose "organized by IBM at TIEIT, Bhopal

- Attended a Workshop Titled by "How to write a research paper" Held by SIRT, Bhopal.

- Participated in a workshop on "Software tools and practices in industry" in SIRT, Bhopal

- Attended various faculty development programs in SIRT, Bhopal .

Organized Training Program:

- Conducted seminar on "Machine Learning" at SAGE university, Bhopal

- Organize a seminar on "Microsoft Global Certification" at SAGE university, Bhopal

- Organize a Seminar on *" woman empowerment"* at Sanskar ITI, Biaora
- Worked as a counselor and coordinator in admission committee of AITR, indore
- Content editor of department level magazine *" PEHAL "* in AITR, indore
- Organize a department level skit competition titled by *"Aazadi"* in AITR indore.
- Coordinated in annual event-2015 held in AITR, Indore.
- Coordinated as an anchor in *"cyber law campaign"* organized by Indore police held in AITR,Indore.
- Worked as a counselor and coordinator in admission committee of Sagar Institute of Research &Technology, Bhopal.
- Coordinated and participated in International Conference *"Software tools and practices inindustry"* held by Sagar Institute of Research & Technology, Bhopal.
- Conducted GD/PI sessions at Oriental Institute of Science & Technology, Bhopal.
- Organized Seminar on *"Software Engineering"* Sri Satya Sai Institute of Science & Technology,Sehore

Other Achievements:

- Got best Faculty of the month (March 2011) in Sagar Institute of Research & Technology,Bhopal.
- Successfully completed certification on "Tableau" from ThinkNext technologies private limited, Certified Academics.
- Successfully Completed certification on "Deep Learning" from ThinkNext technologies private limited, Certified Academy
- Successfully Completed certification on "Data Science" from ThinkNext technologies private limited, Certified Academy.
- Successful Completed certification on "Machine Learning" from ThinkNext technologies private limited, Certified Academy.