

**Name: Dr. Smita Bharne**

**Education:** Ph.D. in Computer Science and Engineering specialization in Machine Learning and Cyber Security, M. Tech from G. H. Raisonni college of Engineering, Nagpur, B. E in Computer Engineering from KDK college of Engineering, Nagpur.

**Designation:** Associate Professor, Department of Engineering and Technology, Bharati Vidyapeeth Deemed University

**Qualification: Ph.D. (CSE)** Computer Science and Engineering, Sandip University, Nashik, October 2023, **M. Tech (CSE)** from G.H. Raisonni College of Engineering, Nagpur University in August 2012, and **B.E (Computer Technology)**, in August 2003 from K. D. K. college of Engineering.

**Professional Experience:**

- Dr. Smita Bharne brings over 19+ years of experience in teaching, research, and industry collaborations. She has spearheaded more than 100+ research-based and innovative projects that have gained national and international recognition.
- Approved Ph. D guide and PG guide in D. Y. Patil University. Approved PG teacher for Mumbai University.

**Research Interests:**

Her expertise spans a diverse range of cutting-edge fields, including: Machine Learning, Artificial Intelligence, Data Science, Generative AI, Cyber Security, Digital Forensics.

**Courses Taught:**

Database management systems, Data warehousing and mining, Devops, C, C++ Programming, Object Oriented methodology, Machine Learning, System Programming, Python, Operating Systems, Digital Forensics, Software Engineering, Soft computing, Image Processing, Web Programming, Artificial Intelligence, Social Media Analysis

**Publications and Patents:**

- Dr. Smita Bharne is the author of 35+ research papers published in prestigious journals like IEEE Xplore, Springer, Taylor & Francis, and other Scopus-indexed and peer-

reviewed journals in open-access platforms. Many of her papers have earned Best Paper Awards at international conferences.

- She has also secured 12 copyright registrations and 2 patents in the Computer Software category, showcasing her innovative contributions to the field.

#### **Achievements and Recognitions:**

- Awarded with Young Scientific Award at, International Conference on Computational Technology, Nagpur in 2012.
- Verified Reviewer for journals such as IEEE Transactions, Elsevier, and other Scopus-indexed journals.
- Session Chair and Technical Paper Judge at various international conferences.

#### **Leadership in Training and Development:**

- Delivered expert talks and served as a trainer in 30+ skill development training programs, pre-placement sessions, and faculty development programs across institutions. Mentored over 15 M. Tech scholars, 5k+ UG students guiding their academic and research journeys.
- Verified Educator for Celonis Academy's certification course on Process Mining Fundamentals and Business Analytics.

#### **Consultancy and Contributions:**

- Provided consultancy for developing college management software in collaboration with reputed software industries.
- Engaged in the development and implementation of innovative technology solutions to streamline academic and administrative processes.

#### **Certifications and Skills:**

- Dr. Smita Bharne has earned numerous certifications from renowned platforms like Coursera, NPTEL, Udemy, Microsoft, IBM on Python Programming, Research Data Management, Data Analytics, Data Science, Machine Learning, Power BI and Tableau, Generative AI.
- She has delivered impactful talks on topics like Artificial Intelligence, Generative AI, and Cyber Security at various forums.

**Contact:**

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