

Name:

Prof. Krittika P. Goswami

Designation:

Assistant Professor

**Contact Details:**

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Educational Qualifications:

- M.E. (Computer Engineering), Mumbai University, Mumbai, January 2025.
- B.E. (Computer Science Engineering), Dr. B.A.M.U., Aurangabad, August 2010

Experience:

- Industrial: 4.5 Years
- Teaching: 3 Years

Research Interests:

- Networking
- Data Science
- Natural Language Processing
- Generative AI
- UI/UX Design

Number of Publications:

International Journal:02

National Journal:01

International Conference:00

National Conference:01

Number of Workshops organized: 01

Number of FDPs / STTPs attended: 04

Number of Workshops attended: 02

Number of Online Certification Courses done: 01

Number of Webinar attended: 02

Details of Research papers published:

- **Smart Laboratory System**
A Smart Laboratory System uses IoT and automation to monitor and manage lab equipment, environment, and usage in real-time. It improves safety, efficiency, and resource utilization through sensors, alerts, and centralized control.
- **EESCT: Enhanced Evolutionary Self-Cooperative Trust-Based Routing Protocol for MANETs**
This work proposes a trust-based routing protocol for Mobile Ad Hoc Networks (MANETs) using evolutionary techniques. It enhances network security and reliability by identifying malicious nodes and improving packet delivery performance.
- **Detection and Classification of Fake News on Social Media Application:**
This system uses machine learning and NLP techniques to detect and classify fake news from social media content. It helps in reducing misinformation by analyzing text patterns, credibility, and user behavior.

Details of FDPs / STTPs attended in last 5 years:

- One-week ISTE approved Faculty Development Program conducted in offline mode by PVG's College of Engineering, Technology and Management, Pune on the topic "Math2Model for Research in AI" from 5th January to 9th January 2026.
- One Week (6 Day) Online Faculty Development Program on "AI and IoT for Next Generation Smart Healthcare Systems (AINGS-2025)" Organized by Department of Electronics and Communication Engineering from 15-12-2025 to 20-12-2025.
- Modern Agile Principles for Transforming Educational Practices held from 8th to 12th December 2025 in online mode organize by Department of Computer Engineering (Software Engineering), VIT, Pune in association with IEEE Pune section.
- Quantum Computing, Organized by the ICFAI Foundation for Higher Education. Khalsa College for Women, Civil Lines Ludhiana. Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune. IQAC, SKR & SKR Government College for women (A), Kadapa in Collaboration with ExcelR Edtech Pvt. Ltd.

Major Portfolios Handled:

- Department ERP Coordinator
- Department IQAC Coordinator (Internal Quality Assurance Cell).