

Prof. Unik B. Lokhande

Designation: Assistant Professor

Teaching Experience: 9+ Years

Industry Experience: 2.2 Years

Highest qualification: M.E.(CSE), Ph.D. (Pursuing)

Publication: 08



Area of Expertise: System/Information/Cyber Security, Cloud Computing, Machine/Deep Learning.

Ph.D. Research topic area: Cyber Security

Workshops/trainings and FDP's Attended:

- Completed 12 Weeks FDP on “**Module 6 Student assessment and Evaluation**” Conducted by NITTT-AICTE-NPTEL
- Completed 12 Weeks FDP on “**Module 8 Institutional Management and Administrative procedures**” Conducted by NITTT-AICTE-NPTEL
- Completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on **Information Security Management: A Practical Approach** at St. Francis Institute of Technology (Engg. College) from 04/12/2023 to 09/12/2023.
- Completed 12 Weeks FDP on “**Module 4 Instructional planning and delivery**” Conducted by NITTT-AICTE-NPTEL
- Completed 12 Weeks FDP on “**Module 7 Creative problem solving, Innovation and Meaningful R & D**” Conducted by NITTT-AICTE-NPTEL
- Certified in **AI-900: Microsoft Azure AI Fundamentals** (Certification number: IF1BAC-EFC51C).
- Completed 12 Weeks FDP on “**Module 3 Communication Skills, Modes and Knowledge Dissemination**” Conducted by NITTT-AICTE-NPTEL
- Completed 12 Weeks FDP on “**Module 1 Orientation Towards Technical Education & Curriculum Aspects**” Conducted by NITTT-AICTE-NPTEL
- Completed 12 Weeks FDP on “**Module 2 Professional Ethics & Sustainable Development**” Conducted by NITTT-AICTE-NPTEL
- Attended 2-week ATAL FDP on “**Digital forensics and Anti-Forensics**” conducted by IIIT Pune from 5/12/2022 to 16/12/2022
- Completed 1 Week FDP on “**Blockchain and its Security Perspectives**” Conducted by AICTE(ATAL) and Indian Institute of Information Technology Guwahati on 06/12/2021 to 10/12/2021.
- Completed 1 Week FDP on “**Artificial Intelligence**” Conducted by AICTE(ATAL) and Dr Babasaheb Ambedkar Marathwada University on 20/09/2021 to 24/09/2021.
- Completed 12 Weeks FDP on “**Module 5 Technology Enabled Learning and Life-long Self Learning**” Conducted by NITTT-AICTE-NPTEL
- Completed 2 Day FDP on “**Advanced cloud computing Docker and Kubernetes**” at Fr. CRCE Bandra(W) conducted on 29-30 JAN 2022
- Completed Certificate course on “**IOT**” from Cisco Networking Academy 2021
- Completed AICTE sponsored STTP on “**Natural language processing**” conducted by Manipal institute of technology on 14-19 December 2020.

- Completed Certificate course on “**Cybersecurity Essentials**” from Cisco Networking Academy on May 2020
- Completed Certificate course on “**Introduction to Cybersecurity**” from Cisco Networking Academy on May 2020
- Attended five days training program on “**Patenting System in India**” conducted at Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur.

Publications:

- [1] "ML based Projector to Smart Board Conversion", Second International Conference on Inventive Computing and Informatics (ICICI 2024), 11-12 June 2024
- [2] "A Privacy Preserving Sentiment Analysis using Federated Learning", Second International Conference on Inventive Computing and Informatics (ICICI 2024), 11-12 June 2024
- [3] "Blockchain-based Solution for Supply Chain Management: Improving Product Tracking, Damage State Analysis, And Anticounterfeiting", Proceeding of 11th International Conference on Contemporary Engineering and Technology May 1st – 2nd 2023
- [4] "Autonomous Surveillance Drone", Published in International Journal of Science and Research (IJSR), Volume 11 Issue 5, May 2022, ISSN: 2319-7064
- [5] "Cotton Price Prediction and Cotton Disease Detection Using Machine Learning", published in Lecture Notes on Data Engineering and Communications Technologies (LNDECT, volume 101) DOI: 10.1007/978-981-16-7610-9_9
- [6] "Alzheimer's Disease Prediction Using Fastai" Published in Smart Innovation, Systems and Technologies (SIST, volume 195) DOI: 10.1007/978-981-15-7078-0_76
- [7] Lokhande Unik, and A. K. Gulve. "Steganography using Cryptography and Pseudo Random Numbers." *International Journal of Computer Applications* 96.19 (2014).
- [8] Lokhande Unik. "An Effective Way of using LSB Steganography in images along with Cryptography." *International Journal of Computer Applications* 88.12 (2014).