

RESUME

Personal Information

Name Dr Sulaxan Shankar Jadhav.

Current Designation: Assistant Professor in Symbiosis School of Economics, Symbiosis International University, Pune

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Work Experience

1. **Designation:** Assistant Professor

Organization: Symbiosis School of Economics, Symbiosis International University, Pune

Tenure: December 2024 - Currently Working

Work Description: Providing expert knowledge in Data Analytics and Data Analysis using Python, fostering student engagement and knowledge acquisition.

2. **Designation:** Adjunct Faculty

Organization: Symbiosis School of Economics, Symbiosis International University, Pune

Tenure: July 2024 - December 2024

Work Description: Providing expert instruction in Data Analytics and Data Analysis using Python, fostering student engagement and knowledge acquisition.

3. **Designation:** Visiting Faculty

Organizations: Symbiosis Institute of Computer Studies and Research ,SSODL and SDLC, Symbiosis Institute of Management Studies (SIMS), SIBM, Pune

Tenure: December 2023 - December 2024

Work Description: Instructing courses on Computer Forensics and Neural Networks,

Social Media Analytics, Computer Forensics, Python for Data Science

4. **Designation:** Visiting Faculty

Organization: Pimpri Chinchwad College of Engineering, Pune

Tenure: January 2024 - April 2024; January 2023 - April 2023

Work Description: Taught Java Programming and Database Systems.

5. **Designation:** Teaching Assistant

Organization: D Y Patil International University, Pune

Tenure: January 2021 - August 2024

Work Description: Assisted faculty in developing courses on advanced technologies and mentored academic and industry project groups in subjects like Blockchain Technology, Cyber Security, and Data Science.

6. **Designation:** Technical Project Manager Intern

Organization: RecruitNXT, Delhi

Tenure: February 2022 - November 2023

Work Description: Led a team of 16 AI/ML developers to successfully implement a Resume Parsing project using Machine Learning techniques.

7. **Designation:** Project Intern

Organization: Qollabb Edutech Pvt. Ltd, Bangalore

Tenure: May 2022 - August 2022

Work Description: Developed an Electronic Medical Record System as part of the MBA project.

8. **Designation:** Project Intern

Organization: Kirloskar Pneumatic Company Limited, Pune

Tenure: May 2019 - December 2019

Work Description: Developed a two-factor authentication system for a web access platform.

Education

1. PhD in Artificial Intelligence

Institute: DY Patil International University, Pune

Tenure: January 2020 - August 2024

Research Project: Sentiment Analysis of Medical Discharge Summaries

Course Project: Real-Time Parking System Using AI and Image Processing

2. MBA in Information Technology Management

Institute: DPU, Pune

Tenure: May 2020 - August 2022

Project: Designing ERP on Demand (SaaS) and Green Procurement

3. M.Tech in Network Management and Cyber Security

Institute: MIT-World Peace University, Pune

Tenure: May 2018 - June 2020

Final Year Project: Application of a Decentralized Framework for Online Banking in the Public Cloud

Other Project: Key Logger and System Log Tool for Continuous System Monitoring

4. B.E. in Computer Engineering

Institute: Pimpri Chinchwad College of Engineering, Pune

Tenure: May 2014 - June 2018

Final Year Projects:

- Mobile Application for Cash Withdrawal Using Quick Response Code
- Leaf-Based Disease Detection Using Image Processing

5. Post Doc in Artificial Intelligence

Institute: Lincoln University College

Tenure: December 2024 - December 2025

Project : Leveraging Neural Networks for Early Diagnosis of Diabetes Mellitus

Publications:

1. Efficient Cash Withdrawal from ATMs Using Mobile Banking (Published,2018)
2. Real-Time Design and Enhancement of Trust-Based Security System for IoT Healthcare Monitoring (Published IEEE,2024)
3. Bionic Healthcare Innovation using Artificial and Human Intelligence (Published IEEE,2024)
4. Sentiment Analysis on Medical Discharge Summaries (Accepted IEEE,2024)
5. Design and Implementation of Pothole Detection; Instance Detection Based on a Unified Approach for Globally Roads (Published IEEE,2023)
6. Review on Brain Tumor Detection (Published IJSRD,2023)
7. Big Mart Sales Prediction (Published IJISRT,2023)
8. Skin Cancer Classification (Published IJISRT,2023)
9. Plant Disease Detection Using-Image Processing (IJSREM,2024)
10. A Hybrid Graph-Attention and Contextual Sentiment Embedding Model for Sentiment Analysis in Legal Documents (Q2 , ATAIML)
11. 4 Scopus Papers (Q1) communicated (Awaiting for publishing)

Patents :

1. A System For Measuring Intra-Site Heterogeneity in a Tumor Using Artificial Intelligence.
2. An Artificial Intelligence-Based Air Pollution Prediction and Monitoring System.
3. A Method Of English Phonetic Teaching Auxiliary Tool and Industry Application.
4. Medical Imaging Analysis for Predicting Diagnosis of a Neurobehavioral Disorder.
5. System and Method for Diagnosis of Personalized Brain Disease Using Image Processing.
6. IoT Employment for Monitoring the Rise of the Temperature of Mass Concrete Block.
7. Method for Transmitting Data Between Plurality of Trees and Arrays Using Machine Learning.
8. AI-Based Security Lock System (Acceptance Received September 2023)
9. Compact Defibrillator Device (Acceptance Received January 2024)
10. Block Secure Ledger: Blockchain Powered Hardware Wallet (January 2025)

Skills

Strategic Planning and Analysis, Project Management, Technical Leadership, Innovation, Digital Transformation, Team Management, Technical Expertise, Data Analysis, Cybersecurity, Research, Problem-Solving, Communication, Business Development, Vendor Management, Strong Analytical Skills, and Critical Thinking.

Date : 22 January 2026

Dr Sulaxan Jadhav