

Dr. SHUDHODHAN B BOKEFODE

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Professional Experience:

Assistant Professor and Lecturer in

VIP Polytechnic, Sangamner (Jan 2008 - July 2009)

P.L. Government Polytechnic, Latur (Sept 2009 - March 2010)

TPCT's College of Engineering, Osmanabad (May 2010 - Jan 2015)

TPCT's Terna Engineering College, Nerul, Navi Mumbai (Jan 2015 - Present)

Area of Interest:

Machine Learning

Artificial Intelligence

Distributed Computing

Expertise in Conducting Courses:

C Programming

Java

Paper Publications:

1. A Novel Approach for Iris Recognition System Using Genetic Algorithm. Journal of Artificial Intelligence and Technology, 4(1), 9–17 (2024) **(Scopus Indexed)**
2. Using a Clustering Algorithm and a Transform Function, Identify Forged Images International Research Journal of Multidisciplinary Scope,05(01):781-789 (2024) **(Scopus Indexed)**
3. WaveSafe Guardian: Enhanced Security Shield with Wavelet Analysis. Int J Intell Syst Appl Eng [Internet]. 2024 Mar. 24 [cited 2024 Apr. 19];12(3):2492-9. Available from: <https://ijisae.org/index.php/IJISAE/article/view/5721>**(Scopus Indexed)**
4. “AiZi Assist Application – A Tool for Alzheimer Disease Patients” SIRJANA JOURNAL[ISSN:2455-1058] VOLUME 54 ISSUE 3 (2024) **(UGC CARE GROUP I JOURNAL)**
5. “Agri-Food Supply Chain: A Blockchain-Enabled Framework for Industry 4.0 Applications”. International Journal of Intelligent Systems and Applications in Engineering 12, no. 3 (May 7, 2024): 3296–3303. Accessed May 16, 2024. <https://ijisae.org/index.php/IJISAE/article/view/5936>. **(Scopus Indexed)**
6. UNDERSTANDING TRENDS AND PREDICTING THE STOCK MARKET USING STACKED-LSTM MODEL 2024 IJCRT | Volume 1, Issue 4 April 2024 | ISSN: 2320-2882
7. Credit Card Fraud Detection and Rectification- A Webapp April 2024 | IJIRT | Volume 10 Issue 11 | ISSN: 2349-6002
8. Deep Fake Detection System International Journal of All Research Education and Scientific Methods (IJARESM),ISSN: 2455-6211, Volume 12, Issue 4, April-2024,

9. BREAKING THE ILLUSION: A COMPARATIVE STUDY OF DEEPPFAKE DETECTION STRATEGIES International Research Journal of Modernization in Engineering Technology and Science Volume:06/Issue:04/April-2024
DOI : <https://www.doi.org/10.56726/IRJMETTS53596>

10. Performance Analysis of Image Forgery Detection using Transform Function and Machine Learning Algorithms Bokefode Shudhodhan Balbhim, Harsh Mathur Turkish Journal of Computer and Mathematics Education Vol.11 No.3 (2020), 2033-2044 (**Scopus Indexed**)

11. Robust Image Forgery Detection Methodology Based on Glow-Worm Optimization and Support Vector Machine Bokefode Shudhodhan Balbhim, Harsh Mathur Turkish Journal of Computer and Mathematics Education, Webology (ISSN: 1735-188X) Volume 18, Number 6, 2021 (**Scopus Indexed**)

12. Automated Pan-Tilt Unit for Target Tracking using Computer Vision, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 06 Issue: 02 | Feb 2019

13. Crowdsourcing Platform for Website and Application Testing, YMER || ISSN: 0044-0477 VOLUME 21: ISSUE 4 (April) - 2022

14. PROJECT MANAGEMENT SYSTEM LIKE BITBUCKET (App) International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 06 | June 2020

15. A Review on Detection of Copy-Move Forgery Techniques GIS SCIENCE JOURNAL International Journal GIS SCIENCE JOURNAL VOLUME 8, ISSUE 10, 2021 ISSN NO: 1869-9391 PAGE NO: 1017

16. A Recent Survey of Resource Provisioning and Allocation in Grid Cloud Computing GIS SCIENCE JOURNAL International Journal GIS SCIENCE JOURNAL VOLUME 8, ISSUE 10, 2021 ISSN NO: 1869- 9391 PAGE NO: 1070

17. "Clip IT App like Tik-Tok," International Journal of Advance Research, Ideas and Innovations in Technology

List of Conferences:

1. Image Forgery Detection Using Wavelet Transform and Improved Support Vector Machine, in 4 RSRI Conference on Recent trends in Science and Engineering at REST Labs, Kaveripattinam, Krishnagiri, Tamil Nadu, India from 27 March 2021 to 28 March 2021 organized by REST Labs and REST Society for Research International. Bokefode Shudhodhan Balbhim, Harsh Mathur

2. Image Forgery Detection using Clustering Algorithm & Transform Function "International Conference on Data Science and Engineering Applications (DSEA-2022)" held from 15/04/2022 to 16/04/2022 at "Global Institute of Technology, Jaipur" Bokefode Shudhodhan Balbhim, Harsh Mathur

Faculty Development Programs Attended/Conducted/Organized:

Various workshops, seminars, and STTP programs related to research methodology, Python, Scilab, data analytics, cyber security, robotics, and more.

1. Participated in TWO day workshop on Effective Research Methodology at Terna Engineering College, Nerul, Navi Mumbai from 05/01/18 to 06/01/18
2. Participated in AICTE-ISTE approved One-week STTP program on "Hands-on Python Training" at Terna Engineering College, Nerul, Navi Mumbai on 01/01/18 to 05/01/18
3. Participated in Reduce the stress level and increasing work efficiency at Terna Engineering College, Nerul, Navi Mumbai on 10-11-2017 to 10-11-2017

4. Participated in Workshop on Scilab at Terna Engineering College, Nerul, Navi Mumbai on 12-10-2017 to 12-10-2017
5. Participated in DATA ANALYTICS Workshop at Terna Engineering College, Nerul, Navi Mumbai on 03-07-2017 to 07-07-2017
6. Participated in One Week ISTE approved STTP On Cyber Security And Digital Forensics held by Terna Engineering College, Nerul, Navi Mumbai on 03-01-2017 to 07-01-2017
7. Participated in Workshop on Accreditation and outcome-based education held by Terna Engineering College, Nerul, Navi Mumbai 15-12-2016 to 16-12-2016
8. AICTE/ISTE approved Induction /Refresher program - Hands-on Python Training in TEC from 1/1/2018 to 5/1/2018
9. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Education 4.0 04-2020 at Atharva College of Engineering, Malad West
10. Participated in & completed AICTE Training And successfully Learning (ATAL) Academy Online FDP on "R language" at Sinhgad Academy of Engineering, Pune
11. AICTE Training And Learning (ATAL) Academy Online FDP on "Robotics" from 2020-12-14 to 2020-12-18 at Ramrao Adik Institute of Technology.
12. AICTE Training And Learning (ATAL) Academy Online FDP on "Robotics" from 2020-11-24 to 2020-11-28 at Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune
13. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Design Thinking from 21/6/21 to 25/6/21
14. One Week National Level Faculty Development Program (FDP) On Essentials of Data Science from 27/7/21 to 31/7/21
15. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Cyber Security & Applications from 12/7/21 to 16/07/21

Activities at TEC:

- Worked as class advisor, lab in charge, and student mentor.
- Coordinated UG projects and industrial visits.

- Engaged in the department and college-level committees.
- Acted as a Student Mentor for NPTEL courses.
- Served as an IAT coordinator.
- Actively participated in NACC and NBA

Educational Qualification:

- PhD (Computer Science), Madhyanchal Professional University, Bhopal (2019-23)
- MTech (Computer Science), Hasvita Institute of Management & Technology, Hyderabad (2013-14)
- BE (Computer Science), TPCT's College of Engineering, Osmanabad (2001-05)
- Higher Secondary School Certificate Examination, Rajarshi Shahu College, Latur (1999-2000)
- Secondary School Examination, Janata Vidhya Mandir, Murud, Latur (1997-1998)

Technical Skills:

Operating Systems: MS-DOS, Windows, Linux

Languages: C, C++, Java

Databases: SQL Server, Oracle, MySQL

Markup Languages: HTML, XML

Internet Technologies: JavaScript, ASP

Subjects Taught: Machine Learning, Artificial Intelligence, Distributed Computing C Programming, Microprocessor, Data Structure using C

Personal Profile:

Name: Dr. Shudhodhan Balbhim Bokefode

Gender: Male

Date of Birth: July 15th, 1982

Marital Status: Married

Passport Available: Yes

Nationality: Indian

Declaration:

I hereby declare that the information mentioned above is true to my knowledge.

Dr. Shudhodhan Balbhim Bokefode

(Kharghar, Navi Mumbai)