

Computer Engineering Department



Name:	Dr. Jyoti Dinkar Bhosale
Qualification:	Diploma in (IT), BE(IT), ME(CNE), PGDDM, PhD (CSE)
Designation:	Asst. Professor
Date of Joining:	10 Feb 2017
Teaching Exp.:	14 years
Mobile No.:	8485881693
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Subject taught:

1. Computer Network
2. C programming
3. Object oriented programming
4. Advance Database Management System
5. Database Management System
6. Cryptography & Network Security
7. Data Structure
8. Operating System
9. Mobile Computing
10. Distributed Database
11. Cyber Law and Ethics
12. Economics For Engineers
13. GIS
14. Data Communication
15. Design Analysis and Algorithm

Research / Publications:

PUBLICATIONS:

1. Published paper in International Journal of

Computer Application (IJCA), in June 2014 on the topic," Performance Analysis on Uncertain Data Using Decision Tree".

2. Published paper in International Journal of Innovations in Engineering and Technology (IJIET) in Dec 2014 on the topic," Credit Pre-Reservation Mechanism for Mobiles Prepaid Services".

3. Published paper in International Journal of Innovations in Engineering and Technology (IJIET) "Industrial Area Mapping using High Resolution Satellite data: MIDC area of Latur city." (Maharashtra) India Volume 9 Issue 2 December 2017 ISSN: 2319-1058

4. Published paper in International Journal of Applied Science and Computations "CHOICE TREES FOR UNCERTAIN DATA".

5. Published paper in International Journal of Computer Application (IJCA), in June 2022 on the topic," IDENTIFICATION AND CLASSIFICATION OF RICE PLANT DISEASES USING MACHINE LEARNING"

6. Published paper in International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 11 Issue: 5s "Machine Learning-Based Algorithms for the Detection of Leaf Disease in Agriculture Crops"

7. Published paper in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) "Segmentation of Brain Tissue Using Particle Swarm Optimization" Volume 6, Issue 2, June 2021.

8. Published paper in International Journal International Journal on Recent and Innovation Trends in Computing and Communication "Machine Learning-Based Algorithms for the Detection of Leaf Disease in Agriculture Crops" April 15, 2022.

9. Online International Conference on "Reimagining Future Librarianship :Role And Competencies"

10.Participation in CVR 2023 as a TPC member and reviewer 2nd International Conference on Computer Vision and Robotics (CVR 2022)Organized by Babu Banarasi Das University Lucknow, India May 21-22, 2022

11.Participation in World Conference on Artificial Intelligence: Advances and Applications (WCAIAA 2023) during March 18-19 2023 as a TPC member and reviewer.

12.Participated in Congress on Control, Robotics, and Mechatronics (CRM 2023)" is going to be held on March 25-26, 2023, as a Technical Program Committee Member and Reviewer.

13.Worked as reviewer for the 2023 IEEE International Conference on Contemporary Computing and Communications (InC4) during April 21-22, 2023

14.Award winner for the Internationals Conference on New Generation Horticulture for Prosperity Secretary, The Orissa Horticultural Society, Odisha held on 20 21 Jan 2023.

15.Worked as Committee Member and Reviewer in the International Conference on Paradigms of Communication, Computing and Data Analytics (PCCDA

2023) held during April 22-23, 2023.

16. Presented and published paper with paper id 287 of title **Decoding the Rose's Enigma: A Comprehensive Analysis of Rose Leaf Diseases during FTNCT-2023** International Conference on Futuristic Trends In Networks & Computing Technologies (Ftnct-2023) from 29th to 30th July, 2023.

17. Presented and published paper with paper id 241 of title **An Image Compression Technique Based on Dual-Tree Complex Wavelet Transforms and single Value Decompression by Means of Single Value Decomposition during FTNCT-2023** International Conference on Futuristic Trends in Networks & Computing Technologies (Ftnct-2023) from 29th to 30th July, 2023.

18. Worked as session chair in CSCT 2022.

19. Worked as reviewer for the 2023 IEEE International Conference on Contemporary Computing and Communications (InC4) during April 21-22, 2023

20. Participation in CVR 2023 as a TPC member and reviewer 2nd International Conference on Computer Vision and Robotics (CVR 2022) Organized by Babu Banarasi Das University Lucknow, India May 21-22, 2022

21. Participation in World Conference on Artificial Intelligence: Advances and Applications (WCAIAA 2023) during March 18- 19 2023 as a TPC member and reviewer

22. Participated in Congress on Control, Robotics, and Mechatronics (CRM 2023)" is going to be held on March

25- 26, 2023, as a Technical Program Committee Member and Reviewer.

23. Working as Editor boards in MAT Journals

24. Presented and published paper with paper id 42 of title Enhancing cyclone intensity prediction through Deep learning analysis of imagery datasets in ICCAIML'24 organized by the Department of Artificial Intelligence and Machine Learning, SCSE, Manipal University Jaipur, Rajasthan, India. From 18-19 Jan, 2024.

PATENT PUBLISHED:

1. Published for a UK Design "A Portable Plant Disease Detection Device" Design number: 6295235 Grant date: 17 July 2023 Registration date: 08 July 2023.

2. Published Patent Indian Design Application Number: 390893-001, Cbr Number: 209096, Cbr Date: 22/07/2023."

3. Published Patent Indian Design "Intelligent Resource Allocation in IoT Networks Using Machine Learning"

4. Copyright Published on "Literary/ Dramatic Work IOT And Machine Learning are two Rapidly Evolving And Interconnected Fields That Have The Potential To Work Together In Various Applications" with Registration Number L-139415/2023

BOOK PUBLISHED:

1. Book's chief editor. Publication of the book "Understanding Research and Methodology" With the ISBN-978-1-387-98588-3 Published by, Lulu Publication 3101 Hillsborough St, Raleigh, NC

2767,United States in year 2022

2. Book published in Bhumi Publishing with ISBN: 978-93-88901-23-9 on "Data Warehousing" in year 2022

3. The book chapter titled "The Evolving Role of Software" in edited book titled "Advanced Research in Computer Science (Volume - 1)". Published in Bright Sky with ISBN: 978-93-92804-92-2 in year 2023

4. The Book Entitled Sustainable Agriculture Volume II (ISBN: 978-93-88901-51-2) chapter published with "Rice Foodborne Disease Detection Using Machine Learning".

5. The book chapter titled "Introduction to Data Types in Python" publication in edited book titled "Advanced Research in Computer Science (Volume - 1)".

6. Book published in Evincepub Publishing with ISBN: 9789356735569 Edition: 2023" Software Engineering Essentials Building Robust Applications: Based on Syllabus of SRTMU Nanded "

7. Book Published by string production with ISBN: 978-93-6048-974-8 "Distributed Database Systems: Orchestrating Scalability in a Connected World"

Training / Workshop attended:

1. Startup and Entrepreneurship Development Organized by SRTM University on 28 Dec 2019

2. One day workshop on C and C++ held in M.S. Bidve Engineering College Latur Organized by IIT Bombay on 29 Feb 2020

3. 5 day workshop on Virtual classroom Organized by KAIZEN TECH on 17-21 May 2020

4. Workshop on National Level Research Methodology

Organized by Shri JJT University on 11-18 May 2020

5. 4th online Workshop on National Level Research Methodology Organized by Shri JJT University on 19- 26 May 2020

6. 3 Day Online Workshop on "Education 4.0" Organized by Atharva college of Engineering on 28-30 May 2020

7. One day workshop on "National Education Policy" SRTM University 1 Oct 2020

8. FDP on "Analytical Techniques for Applied Research "An Interdisciplinary program Organized by AICTE-QIP on 16-20 Dec 2020

9. FDP on "Industrial IoTs, Industry 4.0 & Disruptive Technologies" Organized by TEQIP-III DBAT University, Lonere on 5-10 May 2020

10. FDP on "Innovation to Academicians" Organized by NSTEDB, Ramachandra college on 11-16 May 2020

11. FDP On "ICT Tools for Effective Teaching Learning" Organized by SRTMU, Nanded on 27-02 May 2020

12. FDP On "Learning, Pedagogy and Effective Use of Case Methodology" Organized by ASMA Group on 17-21 May 2020

13. FDP on "Industry 4.0 Data Analytics, Disruptive Technologies" Organized by TEQIP-III on 26-31 May 2020

14. FDP on "Moodle Learning Management System" Organized by ICT/MHRD IIT Bombay on 4-8 May 2020

15. FDP on "Modern Teaching, Evaluation and Research methods" Organized by Vinayarao Patil Mahavidyalaya

2-7 June 2020

16. FDP on “A Smart And Sustainable World in Concert and structure” Organized by AISSMS Pune on 4-8 June 2020

17. FDP on “Introduction to virtualization using VMware and Robotics Process” Organized by PRAJNAN 2020 on 5-6 June 2020

18. Four week Induction /Orientation Programme for "Faculty in Universities/colleges/Institutes of Higher Education" Organized by PMMMNTT and HRDC on 4 June-1 July 2020

19. FDP on “Research Methodology Data Collection Methods ,Research Tools and Techniques” Organized by AISSMS Pune on 9-15 June 2020

20. Three days STTP on “LATEX for Everyone” Organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai on 18-20 June 2020

21. FDP on "Artificial Intelligence using Python” Organized by AISSMS Pune on 14-19 Nov 2020

22. Orientation /Refresher Course Recent Challenges in Teaching Pedagogy Organized by AICTE-ISTE on 7-15 May 2021

23. FDP on “National Education Policy” Organized by St. Peter’s Institute on 19-25 September 2022

24. FDP on “Recent Trends in AI, ML & Data Science” Organized by ISTE Approved on 26-31 Dec 2022

25. FDP on “Recent Trends and tools for Data Analytics” Organized by G. H. Raisonni College of Engineering on 9-13 Jan 2023

26. FDP on “Data Science & Analysis” Organized by

Shreeyash College of Engineering and ISTE on 20-24 Feb 2023

27. Online Course in Industry 4.0 from GLOBAL BUSINESS SCHOOL

28. Online course in Digital Marketing from GLOBAL BUSINESS SCHOOL

29. Completed a 2-day Machine Learning Certification Program from June 25 to June 26,2022

30. Done Python Course of one Month and Successfully Completed on 8th march 2022.

31. Organized Webinar On "Industry 4.0 :An Exploration"

32. FDP on "Industry 4.0" Department of Computer Science & Engg. PCETS Nutan College of Engineering, Talegaon, Pune. 02-05 Aug 2023.

33. National Intellectual Property Awareness Mission, Organized by Intellectual Property Office, India 21 Feb 2023

34. FDP on "Rajyoga Meditation & Universal Human Values (UHV)" From Organized by Vilasrao Deshmukh Foundation Group of Institutions , Latur in association with Brahma Kumaris Ishwariya Vishwa Vidyalaya 18-24 Nov 2023.

35. Workshop on IPR- Patents, Designs Organized by Nanasaheb Mahadik College of Engineering Peth. 28 Nov 2023.

Role and Responsibilities:

- Worked as Internal Squad
- FC Member
- IOT Workshop coordinator

- **D-CAP coordinator**
- **Examiner**
- **Paper setter for University**
- **Sub FC coordinator**
- **Equipment IQ Documentation**
- **Project coordinator**
- **Industrial Visit coordinator**
- **Departmental Library coordinator**
- **Cultural Program coordinator**
- **Guest lectures/conferences coordinator**
- **FDP coordinator**
- **Co-Curricular activity coordinator**
- **WOMEN Empowerment Activity Coordinator**

Committee Involvement:

- **Women's Grievance Redressal Cell Head**
- **NAAC Criteria Head**
- **Student Grievance Redressal Cell (member)**
- **Intellectual Property Rights Cell Head (IPR Cell)**