

Name	Ms. Yashoda Narsing Sakhare					
Department	Information Technology					
Designation	Assistant Professor					
Area of Specializations	Machine Learning, Data Analytics, Data Science					
Date of Joining the Institute	2/1/2007 and 4/7/2017					
Email Id	Yashoda.sakhare@vpkbiet.org					
Qualifications	ME Computer. Ph D (CSE) Pursuing					
Vidwan Profile						
Total Experience	Teaching	15 Years	Industry	0	Research	0



Brief Profile :

Yashoda completed her graduation from Babasaheb Ambedkar Marathwada University, Aurangabad and Post-graduation from University of Pune (Now Savitribai Phule Pune University). she is currently pursuing his Ph.D Degree from Bharath Institute of Higher Education & Research, Chennai. shee has total 15 years of teaching experience at undergraduate level in Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology, Baramati. . Yashoda has taught subjects like System Software, Data communication and networking , Management of Information System, Fundamentals Of Programming Language ,system programming and operating system to undergraduate students.

Research Profile:

1. Google Scholar,
2. <https://scholar.google.com/citations?user=SZ3M6gMAAAJ&hl=en>
3. Research Gate
4. <https://www.researchgate.net/scientific-contributions/Yashoda-N-Sakhare-2058427815>
5. SCOPUS –
6. ORCID Profile
7. <https://orcid.org/0009-0003-6869-5689>
8. Vidwan ID

Vidwan Profile: <https://vpkbiet.irins.org/profile/280792>

Patents:0

Professional Memberships: ISTE life time membership

Participation in FDP/STTP:

- Participated in 2-days ISTE Workshop on “Writing Effective Conference Papers” conducted by IIT, Bombay under the National Mission on Education through ICT (MHRD, Govt. of India).o 18th and 19th feb 2012
- Completed “Latex Workshop” conducted Spoken Tutorial based workshops at IIT Bombay on dated 21 oct 2011
- One week full time training program based on “Teaching skills” in National Institute for Technical Teachers Training and Research (NITTTR) Bhopal.
- Two week full time training program on "Effective teaching and Innovations in Teaching” in National Institute for Technical Teachers Training and Research (NITTTR) Bhopal.
- Attended Three days IBM DB2 workshop conducted by IBM COE at VPCOE Baramati.
- Attended the National Conference on Emerging Trends in Engineering and Technology (NCETET-2012) organized by Vidya Pratishthan’s College of Engineering, Baramati, Pune, Maharashtra o 28th ad 29th feb 2012
- One day workshop on “A Discussion on Implementation of DSF Laboratory (2008 course) for SE IT” on dated 16/01/2010, Saturday at Marathwada Mitra Mandal’s INSTITUTE OF TECHNOLOGY Lohgaon, Pune.
- Attended 2 days FDP “ Introduction to machine learning “ at vpkbiet baramati on dated 16-17 Dec 2017 by IIT Kharagpur
- Attended one day workshop on ‘Scilab’ at VPKBIET Baramati, on dated 12 oct 2017 by IIT Bombay.
- One day FDP of Microsoft education learning certification completed on dated 22 dec-2018 by Microsoft at VPKBIET ,Baramati
- One Week FDP of “Introduction to Artificial Intelligence(AI)” Completed on dated 6th may-10th may2019 By Samir Roy , Kolkata at VPKBIET,Baramati.
- Attended Five day STTP of “Deployment of IOT” completed on dated 11th-June 2019-15th June 2019 at VPKBIET Baramati
- Attended “Introduction to Artificial Intelligence” at VPKBIET Baramati in association with NITTTER Kolkata from 06th - 10th May 2019.
- Attended one week STTP on "Assessment and Evaluation under Outcome Based Education” conducted at VPKBIET Baramati in association with NITTTER Kolkata from 10 – 14 August 2019.
- Attended one day Faculty Development Program on “Outcome based Education software” organized by vmedulife software services Held on 4th July 2020.
- Attended Online Student and Faculty Development program on Collaborative Research Organized by Department of Mechanical Engineering in association with Center for Research in Renewable Energy , ED cell and R & D Cell, VPKBIET Baramati On Saturday, 29th August 2020.
- Participated in webinar on “How to write an Effective Research funding Proposal ” ,on 30th September 2020 at 4.00 ,Organized by Department of Civil Engineering in association with Center for Analysis & Design of Industrial Structures and R & D Cell, VPKBIET Baramati.
- Participated in Webinar on “Intellectual property Rights organized by Krushivardhan Agrotech held on 21st September, 2020.

- Attended webinar on “Career Opportunities in ERP” on 26th September 2020 held by Center of Enterprise Resource Planning (C-ERP) VPKBIET , Baramati
- Successfully completed the 3 Days online Skill Development Program on “Application Development and Deployment using MATLAB & Simulink” organized by MARVEL Department of Telecommunication & Electronics Engineering VPKBIET in collaboration with Design Tech Systems Pvt. Ltd. Pune during 10th-12th August 2020.
- Attended Faculty Development Program conducted by project Management Institute , Pune in collaboration with VIIT , Baramati on dated 5th May 2022
- Successfully participated in Webinar on Role of Incubation center in nurturing start up on dated: 25th July 2022
- Attended Online Faculty Orientation Program on the Implementation of new curriculum of BE IT (2019 Course) for the subject “Distributed Systems and Lab Practice - V” held on 11th Feb 2023.
- Attended Online Faculty Orientation Program on the Implementation of new curriculum of SE IT (2019 Course) for the subject “Soft skill” held on 11th Mar 2021
- Attended NEP 2020 Orientation and Sensitization short term Faculty Development Program under MM-TTP of UGC ,SPPU, Pune 18/10/2024 to 26/10/2024.
- Attended Data Analytics Using Power BI FDP Organized by the Atria Institute of Technology (AIT), Autonomous, Bangalore, Karnataka in Collaboration with ExcelR Edtech Pvt. Ltd. On dated 28th July 2025 to 01st August 2025.
- Attended One Week Online FDP on MATLAB Moves: Trends Shaping Multidisciplinary Engineering, Conducted during 1st to 5th December 2025

Paper Published:

- Awarded **best paper award** for paper titled “**Expressive Musical Performance Modeling using Incremental Rule based Approach**” in cPGCON-2014 held at MCER Nashik.
- Paper presented with titled “Expressive Musical Performance Modeling using Incremental Rule based Approach” in cPGCON-2014 held at MCER Nashik.
- Paper published with titled “Comparative study of musical performance by machine learning” in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) in February 2014 Volume 2 Issue 2.
- Paper Published on “A survey-determination of effects to conflicts in project scheduling” at national level and published in journal (IJECC) 2012.
- Paper Published with titled “Enabling Data Sharding through Blockchain Technology”, International Scientific Journal of Engineering and Management(2023)
- Paper Published with titled “MEDIBOT: INTELLIGENT HEALTHCARE ASSISTANT”, International Research Journal of Modernization in Engineering Technology and Science(April 2024)
- Paper Published with titled “Detection and Caption Generation of Image Using Deep Learning”, International Journal of Scientific Research in Engineering and Management (IJSREM-April 2024)

- Paper with titled “ Opinion Mining and Emotion Detection of Twitters Data in Social Media: A Comparative Study”, Presented and Published in Hinweis Third International Conference on Recent Trends in Machine Learning and Image Processing (MLIP) Feb 22-23 ,2025 .
- Paper with titled “BLOCKCHAIN BASED GENERATION AND VALIDATION OF DIGITAL CERTIFICATES”, published in International Research Journal of Modernization in Engineering Technology and Science, Peer-Reviewed, Open Access, Fully Refereed International Journal, Volume:07/Issue:01/January-2025.
- Paper with titled “MULTIMODAL VIDEO CONTENT SUMMARIZATION USING MACHINE LEARNING”, published in International Research Journal of Modernization in Engineering Technology and Science, Peer-Reviewed, Open Access, Fully Refereed International Journal, Volume:07/Issue:01/January-2025
- Paper with titled “Skin Cancer Detection and Classification Using Deep Learning”, Published in International Journal of Creative and Open Research in Engineering and Management.ISSN: 3108-1754 (Online),Volume 02 Issue 06 June-2026
- Paper with titled “Deep Learning based: Diabetic Retinopathy Detection using Retinal Fundus Images”, Published in International Journal of Creative and Open Research in Engineering and Management, ISSN: 3108-1754 (Online),Volume 02 Issue 06 June-2026.

As a resource person in FDP/STTP-0

Certifications:

- Successfully completed Nptel course “problem solving through c programming” with Elite Grade (2018-19)
- Successfully completed Nptel course “Teaching and Learning in Engineering(TALE)” with Elite with silver Grade.(82%)(2018-2019)
- Successfully Completed Swayam NPTEL “Data Analytics with Python” in duration Jan to March 2023 with Elite grade.
- Successfully Completed Energy literacy and Solar certification on 19th Jan 2023 by Energy Swaraj Foundation
- Successfully Completed NASSCOM certification in 2020.
- Successfully completed Udemy course “Beginning C++ Programming from beginner to beyond” on 29th April 2019
- Microsoft education learning certification completed on dated 22 dec-2018 by Microsoft at VPKBIET ,Baramati
- Successfully Completed NPTEL course, “Data Analytics with Python “ with 68% (Elite grade) in Jan-Apr 2023

- Matlab certification self learning courses completed
 - 1. Matlab Onramp
 - 2. Matlab Deep learning
 - 3. Matlab Fundamental
 - 4. Matlab for Data Processing and visualization
 - 5. Matlab Programming Techniques
 - 6. Deep Learning Onramp
 - 7. Control Design Onramp with Simulink
 - 8. Machine Learning Onramp

FDP/STTP Organized-0

Internship/Training/Collaboration with Industry -0

Awards & Recognition-

Awarded best paper award for paper titled “Expressive Musical Performance Modeling using Incremental Rule based Approach” in cPGCON-2014 held at MCER Nashik.

Grants Fetched-0