

# PROFILE

Name Rohini B. Jadhav  
Education Qualification Ph.D. in Computer Engineering  
Experience 10 years  
Email ID [rbjadhav@bvucoep.edu.in](mailto:rbjadhav@bvucoep.edu.in)  
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## Academic Credentials:

Degree	Specialization	Year	University
Ph.D.	Computer Engineering	2021	Bharati Vidyapeeth (Deemed to Be University)
M.E.	Computer Engineering	2014	Bharati Vidyapeeth (Deemed to Be University)
B.E.	Computer Engineering	2012	Bharati Vidyapeeth (Deemed to Be University)

## Experience:

Designation	Institute	From	To
Associate professor	Bharati Vidyapeeth (Deemed To Be University) College of Engineering, Pune	September 2021	Till Date
Assistant Professor	Bharati Vidyapeeth (Deemed To Be University) College of Engineering, Pune	August 2016	September 2021
Assistant Professor	Bharati Vidyapeeth College of Engineering for Women, Pune	August 2013	August 2016

## Research Interest:

Software Engineering, Machine Learning

## Research Publications: International Journals - 21, International Conferences –07

### ❖ Journals:

1. Rohini Jadhav and Dr. Shashank Joshi, “**Implementation of Runtime Web Service Discovery**”, International Journal of Scientific Engineering and Technology Research
2. Rohini Jadhav, Ambesh Bajpai, Animesh Sinha, Abhishek Kumar Singh “**A Survey on Various Approaches for Sentiment Analysis and Performance Optimization**”, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 6

Issue 04, April-2017.

3. Priyanka Malviya, Gauri Rao, Rohini B. Jadhav, Mayuri h. Molawade, "A Heuristic Approach For Graph Based Machine Translation", IIOAB Journal , Volume 8, Issue 4, 2017/
4. Rohini Jadhav, Dr. Shashank Joshi, Umesh G. Thorat , Aditi S. Joshi, "A Software Defect Learning and Analysis Utilizing Regression Method for Quality Software Development", International Journal of Advanced Trends in Computer Science and Engineering, ISSN 2278-3091, Volume 8, No.4, July – August 2019
5. Rohini Jadhav, Dr. Shashank Joshi, Umesh G. Thorat , Aditi S. Joshi, "A Probabilistic and Deterministic based Defect Prediction through Defect Association Learning in Software Development", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-6, March 2020.
6. Rohini Jadhav, Tanmay Chordia, Yagyesh Shrivastava, Srijan Kumar Singh, Umesh Thorat, "Two Way Communication for the Differently Able.", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-6, April 2020
7. Shivam Mishra, Rishav Sinha, Tribhuwan Singh, Prof. R.B Jadhav, Prof. D.M Thakure, "Smart Vehicle Parking System", IJSDR , ISSN: 2455-2631 Volume 5, Issue 5, May 2020.
8. Ravi Shankar, Akshat Srivastava, Gurunath Gupta, Rohini Jadhav, Umesh Thorat, "Fake Image Detection Using Machine Learning", International Journal of Creative Research Thoughts, ISSN-2320-2882.
9. Rohini Jadhav, Dr. Shashank Joshi, Umesh G. Thorat , Aditi S. Joshi, "Software Defect Prediction Utilizing Deterministic and Probabilistic Approach for Optimizing Performance through Defect Association Learning", International Journal of Emerging Trends in Engineering Research, ISSN 2347 – 3983, Volume 8. No. 6, June 2020
10. Dr. Rohini B. Jadhav, Radhika Agarwal, Niharika Singh, Nidhi Jain, "Driver Drowsiness Detection System", IJIRT, Volume 8 Issue 3, ISSN-2349-6002, August 2021
11. Dr. Rohini Bajirao Jadhav, Piyush Jain, Shivani Mishra, Swarna, "Creation of an Online community of bibliophiles using a dedicated social media platform", IJIRT, Volume 8 Issue 3, ISSN : 2349-6002, August 2021
12. Prof. Rohini Jadhav, Archit Soni, Amisha Rastogi, Arpan Gupta, "Stress Detection Using Facial Land Marking System", International Journal of all research education and scientific methods, Volume 9 Issue-8, ISSN: 2455-6211, August 2021
13. Mayuri H Molawade, Shashank D Joshi, Rohini Jadhav, "Software reliability prediction using NHPP and Least median of squares (LMS) for parameters estimation", Mathematical

- Statistician and Engineering Applications, Volume 71 Issue 3 Pages 1194-1206, August 2022
14. Mayuri H Molawade, Shashank D Joshi, Rohini Jadhav ,”**Statistical Review of Dataset and Mathematical Model for Software Reliability Prediction Using Linear Regression**”, Journal of Positive School Psychology, Pages 5474–5481-5474–5481, June 22
  15. Shivansh Bhat, Shourya Goswami, Rahil Bopche, Veena Jadhav, Rohini Jadhav,”**Harvey-The Python-Based Intelligent Voice Assistant**”, International Journal of Innovation Research in Technology, ISSN-2349-6002, Volume 9 Issue 2, July 2022
  16. Sashank Yadav, Aman Singh, Veena Jadhav, Dr. Rohini Jadhav,”**Heart Disease Prediction Using Machine Learning**”, International Journal of Innovation Research in Technology, ISSN-2349-6002, Volume 9 Issue 2, July 2022
  17. Piyush Garg, Yashika Choudhary, Utkarsh Pandita, Samarth Singh Thakur, Veena Jadhav, Dr. Rohini Jadhav,”**AR Canvas with Python**”, International Journal of Innovation Research in Technology, ISSN-2349-6002, Volume 9 Issue 2, July 2022.
  18. Dr. Kalyan D Bamane, Dr. Preeti Patil, Dr. A. M. Pawar, Mrs. S. S. Patil, Mrs. Anusha Meti, Mrs. Rutuja Vivek Tikait, Dr. R. B. Jadhav, Dr. Uday C. Patkar,”**A Webpage classification survey on techniques using text mining**”, Journal of Data Acquisition and Processing, 2023, ISSN No: 1004-9037 Volume 38 Issue 1: 797-813 January 2023.
  19. Shital Pawar<sup>1</sup> , Meghana Lokhande<sup>2</sup> , Sandip Thite<sup>3</sup> , Jyothi A. P.<sup>4</sup> , Rucha Samant<sup>5</sup>, Rohini Jadhav<sup>6</sup> , D. B. Jadhav<sup>7</sup>,”**Security and QoS (Quality of Service) related Current Challenges in IoT**”, SSRG International Journal of Electronics and Communication Engineering ISSN No: 2348-8549 Volume 10 Issue 4, 9-20, April 2023.
  20. S. D. Jadhav, M. S. Jadhav, R. B. Jadhav,” **Surface Water Quality Assessment of Selected Sampling Stations of Krishna River, Maharashtra (India)**”, NOVYI MIR Research Journal, ISSN NO: 0130-7673, 426-433, May 2023
  21. Dr. Rohini B. Jadhav, Veena J. Jadhav, Dr. Rohit B. Jadhav, Mayuri Molawade, Shital Patil, Shital A. Pawar,” A Novel Stack Ensembled Approach for Emotion Recognition from EEG Signals: Performance and Robustness Analysis”, International Journal of Intelligent Systems and Applications in Engineering, Volume 11, Issue 7s, Pages 236 – 242.

#### ❖ Conference:

1. Rohini Jadhav and Dr. Shashank Joshi, “**Runtime Service Discovery**”, Proceedings of the 8th INDIACOM; INDIACOM-2014 2014 International Conference on “Computing for Sustainable Global Development”, 5th – 7th March, 2014 Bharati Vidyapeeth’s Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

2. Rohini Jadhav, Dr.Shashank Joshi, Umesh G. Thorat , Aditi S. Joshi,” **A Survey on Software Defect Prediction in Cross Project**” , Proceedings of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181 2019 6th International Conference on “Computing for Sustainable Global Development”, 13th - 15th March, 2019 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)
3. Ms.Mayuri H. Molawade, Dr.Shashank D. Joshi, Dr.Rohini Jadhav, ”**Statistical Review of dataset and mathematical model for software reliability prediction using linear regression.**”, IEEE International Conference on Computing, Communication and Green Engineering 2021 (CCGE21), September 2021.
4. Pawar S, Shukla P,Bagal P,Dawkhar A, Jadhav R,”**Development of Web Application for Breast Cancer Detection using Machine Learning Classifier**”,13th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2022, 2022, 8, pp. 552–556
5. Veena Jadhav,Dr.PrakashDevale,Dr.RohiniJadhav,Dr.MayuriMolawade,Dr.SagarMohite,Ranjeet Vasant Bidwe,”**Bug Predictive Models based on Data Analytics and Soft Computing Techniques: A Survey**”, Proceedings of the 17 thINDIACom; INDIACom-2023; IEEE Conference ID: 57626 2023 10th International Conference on “Computing for Sustainable Global Development”, 15th - 17th March, 2023 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA), ISSN 0973-7529.823-832.
6. Dr.Rohini B. Jadhav,”**Survey on Artificial Intelligence in IIoT Security System**”,International Conference of Recent Advances in Technology,Engineering,Science and Management, 16<sup>th</sup> and 17<sup>th</sup> March 2023.
7. Dr.Rohini B. Jadhav,”**Survey on Review and Comparative Analysis of Steganography Methodologies**”,International Conference of Recent Advances in Technology,Engineering,Science and Management, 16<sup>th</sup> and 17<sup>th</sup> March 2023.

#### ❖ Scopus Profile link

<https://www.scopus.com/authid/detail.uri?authorId=57211299869>

#### ❖ Google Scholar Profile Link

[https://scholar.google.com/citations?hl=en&view\\_op=list\\_works&gmla=AJsN-F7QRut9nNKzRq1qPvPXongwFeb9PycarGTRjdL08eC8or4G4z3Fp9NSbqKepIpEc01JAJTzaKi9YMFg13R09\\_oSPAwbIH6OTPiCW1IK9gYZ-nycd1GjRB-eW3GZD7L9U41q80oE&user=ZHro0dEAAAAJ](https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN-F7QRut9nNKzRq1qPvPXongwFeb9PycarGTRjdL08eC8or4G4z3Fp9NSbqKepIpEc01JAJTzaKi9YMFg13R09_oSPAwbIH6OTPiCW1IK9gYZ-nycd1GjRB-eW3GZD7L9U41q80oE&user=ZHro0dEAAAAJ)

## ❖ Intellectual Property Right

Sr.no	Date	Title	Application Number	Status
1	10/11/2020	IFMC- VOLTAGE CONVERTER: INTELLIGENT AND FREQUENCY TO VOLTAGE CONVERTER FOR MOBILE CHARGING.	202021048935	Published 1/1/2021

## ❖ Professional Activities:

1. Attended Workshopon “**Research Methodology**”,sponsored by TEQIP-II in October 2015 0at BV(DU)COE, Pune.
2. Attended Workshop on “**Advanced Statistical Methods and Software Tools for the analysis of data**”, sponsored by TEQIP-II in April 2016 at BV(DU)COE, Pune.
3. Attended Training Workshopon “**IBM Seed (RSA)**”, by WebTekLabs Pvt. Ltd. in November 2016 at BV(DU)COE, Pune.
4. Attended Workshopon “**Preparation of research Proposals to Funding Agency**”, sponsored by TEQIP-II in Decemeber 2017 at BV(DU)COE, Pune.
5. Conducted Social cum Educational event through Engagement of People with Science and Technology (EPST) at Rajshri Shahu Vidya Mandir, Pune on 4<sup>th</sup> August 2018.
6. Arranged Field Visit for B.Tech Computer and IT students by Tech Mahindra
7. Organized a national conference on “**Innovation Trends in Computer Science,Engineering and Technology**” in September 2018
8. Organized a campus interview where 32 students were placed. **Company Name:** Hudl India in February 2019
9. Received sponsorship project on “Customized Online Examination System” by Parabola Software Solution in March 2019.
10. Received Sponsorship Project on “Smart Vehicle Parking System” by InfinityX in September 2019.
11. Organized a guest lecture on “**Awareness of Internship**” Under IIC 3.0 at BV(DU)COE,Pune on 10/10/2019.
12. Attended on week online FDP on “**Python 3.4.3**”, Organized by Pune Institute of Computer Technology, Pune, 27/4/2020 - 2/5/2020.
13. Attended one week FDP on “**SCILAB**”, Organized by Pillai College of engineering, New Panvel , 11/5/2020 to 15/5/2020.
14. Participated and CompletedAICTE Training and Learning Academy online FDP on **Cyber Security**, Organized byDr.HarisingGour University Sagar, MP, 18/5/2020 to 22-5-2020.
15. Attended FDP on “**Recent Trends in Information Technology**”, Organized by BV(DU)COE,Pune, 10/5/2020 to 14/5/2020
16. Attended Online Webinar Training Session – IEEE Xplore Digital Library- Boosting Every Aspect on your career” organized by Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune and IEEE held on 22<sup>nd</sup> September 2020
17. Attended One Week Faculty Development Programme on “Internet of Things for Futuristic Smart Systems” Organized by Department of Electronics and Communication, Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune on 17/05/2021 to 21/05/2021.
18. Conducted B.E Computer Project exam as an External Examiner at Arvind Gavali College of Engineering, Satara (Online Mode) on 7 July 2021.

19. Completed IIC Ambassador online training – Basic Level on 31/8/2021
20. IEEE One week Online Faculty Development Program on "Wireless Communication Networks and its Applications" Organized by Yashwantrao Chavan College of Engineering Nagpur, 24th November 2022 to 29 th November 2022
21. Attended Two days national level online seminar on “Use of ICT tool for quality enhancement of higher education Institutes; Post COVID situation”organized by IQAC, Sanjeevan Engineering & Technology Institute,Panhala from 9/12/2022 To 10/12/2022.Sponsored by NAAC ,Bangalore.
22. Working as Department Co-ordinator for Nano Gram Technology February 2023.
23. Completed Two Weeks ATAL FDP on “IoT based Predictive Analytics using Artificial Intelligence”during 13th to 18th February 2023 (ONLINE) & 20th to 24th February 2023(OFFLINE) organized by the Department of Information Technology, Vishwakarma Institute of Technology,Pune
24. Appointed as Custodian at Bharati Vidyapeeth(Deemed to be University) from 3/04/2023 to 13/04/2023
25. Working as Department NAAC Point 5 Co-ordinator , May 2023
26. Attended one week Faculty development Program on “Education 4.0 in Higher education”,during 31<sup>st</sup> July 2023 to 4<sup>th</sup> August 2023 conducted by Vishwakarma Institute of Information Technology”.

Place:Pune

Dr. Rohini B. Jadhav