

Name of Teaching Staff : Rohini Bhaskarrao Bhosale  
Designation : Assistant Professor  
Department : Computer Science and Engineering (IOT and Cyber Security with Block Chain Technology)  
Date of Joining the Institution : 14 September 2024  
 : Dwarkadas Jivanlal Sanghvi College of Engineering  
 : Vile Parle, Mumbai  
Email ID : [rohini.bhosale@djsce.ac.in](mailto:rohini.bhosale@djsce.ac.in)  
Office Contact :



Google Scholar Link: <https://scholar.google.co.in/citations?user=knJLd1cAAAAJ&hl=en>

Researchgate Link: [https://www.researchgate.net/profile/Rohi\\_Bhosale](https://www.researchgate.net/profile/Rohi_Bhosale)

ORCID : <https://orcid.org/0000-0002-4801-188X>

Qualifications with Class / Grade : 

- Pursuing Ph.D in Computer Engineering from Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University, Navi Mumbai
- M.E. in Computer Engineering passed with First Class from MGM CET (University of Mumbai) in August 2012
- B.E in Computer Science and Engineering passed with First Class with Distinction from M. S. Bidve College of Engineering, Latur (S.R.T.M.U Nanded) in July 2007

Total Experience in Years : **Teaching:** 17 years

1. Working as an Assistant Professor in CSE (IoT and Cyber Security with Block chain Technology) at Dwarkadas Jivanlal Sanghvi College of Engineering(Mumbai) from 14 September 2024 to date
2. Worked as Head of the Department of Computer Engineering in Pillai HOC College of Engineering & Technology(Rasayani) from June 2021 till 13 September 2024
3. Worked as Assistant Professor in Pillai HOC College of Engineering & Technology(Rasayani) from 9<sup>th</sup> January 2013 till 13 September 2024
4. Worked as Lecturer at Mahatma Gandhi Mission's College of Engineering & Technology (Mumbai University) from August 2009 to 8th January 2013.
5. Worked as a Lecturer at J. S. Polytechnic, Pune (M.S.B.T.E) from June 2008 to May 2009

Papers Published in  
Journal and Conferences:

: **International Journal:**

1. Asha, Malwade Sulakshana Sagar, Bhosale Rohini, Karandikar Aarti, Bakare Anuradha A. & Langote, Vaishali "Privacy-preserving authentication and authorization in networks using blockchain," Journal of Discrete Mathematical Sciences and Cryptography, 27:2-B, 903–914, DOI: 10.47974/JDMSC-1965 (2024) (Scopus Q1)
2. Bhosale Rohini and Vanita Mane. "Enhancing User Trust: A Novel Hybrid Model to Detect Fake Profiles in Online Social Networks." International Journal of Intelligent Systems and Applications in Engineering 12, no. 13s (2024) (Scopus Q3)
3. Sonali Ghodke and Rohini Bhosale "Authentication and Security Scheme against DoS attack for VANET" The International Journal of Innovative Research Studies (IJIRS), 2319-9725, 2018
4. Poonam Lad, Rohini Bhosale and Rajesh Bhise "Revenue Maximization with Good Quality of Service in Cloud Computing", International Journal of Advanced Engineering, Management and Science (IJAEMS) Vol-2, Issue-9 ISSN: 2454-1311 Sept- 2016
5. Yogesh Gaikwad and Rohini Bhosale, "Survey on Predictive Analysis of Drought in India using AVHRR-NOAA Remote Sensing Data" International Journal of Advance Foundation and Research in Computer, Vol. 1, Issue. 8, ISSN: 2348-4853 (2014)
6. Rohini Bhosale and Naresh D Harale "Alert Correlation using Data Mining Technique for False Alert Reduction" International Journal of Engineering Research and Technology (IJERT), (Vol. 1, Issue 6), August – 2012.
7. Ashok Chalak, Naresh D Harale and Rohini Bhosale "Data Mining Techniques for Intrusion Detection and Prevention System" IJCSNS International Journal of Computer Science and Network Security, VOL.11 No.8, August 2011.

**International Conference:**

1. Bhosale Rohini and Mane Vanita "A Hybrid Approach for Enhanced Detection of Fake Profiles in Online Social Networks" in Advances in Information Communication Technology and Computing. AICTC 2024. Lecture Notes in Networks and Systems, vol 1074. Springer, Singapore. [https://doi.org/10.1007/978-981-97-6103-6\\_16](https://doi.org/10.1007/978-981-97-6103-6_16) (2024).
2. Rohini Bhosale and Dr. Madhumita Chatterjee " Privacy-Preserving Profile Matching in Mobile Social Networks: A Comprehensive Survey" Seventh International Symposium on Security in Computing and Communications (SSCC'19) Computer and Information Science Book Series by Springer, December 18-21, 2019
3. Khushbu Jakhota, Rohini Bhosale and Dr. Chelpa Lingam, "Novel Architecture for Enabling Proof of Retrievability using AES Algorithm" Proceedings of the IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC), ISBN- 978-1-5090-4890-8/17/2017 IEEE Pp. 388-393

(2017)

4. Poonam Lad and Rohini Bhosale, "Revenue intensification in Cloud", International Conference on Emerging Research Trends in Applied Engineering and Technology ICERAT-2016, ISBN-978-93-5258-409-3 (2016),
5. Sachin Sadar and Rohini Bhosale, "Use of Distributed De-duplication and VM Migration to reduce Energy Consumption in Cloud" A Satellite Conference ICSTSD 2016 International Conference on Science and Technology for Sustainable Development, Kuala Lumpur, MALAYSIA, Satellite Conference at PRMITR, Badnera-Amravati, ISSN: 2348-8387 (2016)
6. Shrutika Khobragade and Rohini Bhosale, "Secure Cloud Approach with Auto Update Mechanism" 17th International Conference of Computer and IT, IJPEMSH- 2016, Vol. 2, Issue. 2, ISSN 2395-7786 (2016)
7. Rohini Bhosale, Naresh D Harale and Ashok Chalak "Use of Event Correlation Analysis to reduce False Position Alarm Rate in Network Intrusion Detection System" Organized by Institution of Engineers, Technocrats and Academician Network (IETAN), Chandigarh, India March 2012.
8. Ashok Chalak, Rohini Bhosale and Naresh D Harale "Effective data mining techniques for intrusion detection and prevention system." In Proceedings of the International Conference on Advanced Computing, Communication and Networks, vol. 11, pp. 1130-1134. 2011.
9. Rohini Bhosale and Naresh D Harale "IT Governance Frameworks: Implementation Challenges and Guidelines" held by M. B. M. Engineering College, Jodhpur, Rajasthan, March 2010.

**National Conference:**

1. Khsitija Potdar and Rohini Bhosale "A Mathematical Programming Approach to Improve Website Structure Navigation for Effective User Navigation " Held by Pillai HOC College of Engineering and Technology, Rasayani, February 2014.
2. Prashant Sawant and Rohini Bhosale "Detecting Insider Data Theft Attack in Cloud" Held by Pillai HOC College of Engineering and Technology, Rasayani, February 2014.

Area of Specialization

Cyber Security, Social Network Security, Blockchain

Professional Memberships

: Life Member of ISTE

Membership No.: LM 98035

Subjects Taught

**UG Level:**

- Structured programming Approach using C
- Analysis of Algorithm
- Theory of Computation
- Data Structure
- Technical Computer Science
- Computer Networks
- Programming with Java
- Cryptography and System Security
- Cyber Security and Laws

**PG Level:**

- Cyber Security and Laws
- Ethical Hacking and Digital Forensics
- Advanced Computer Network and Design
- Blockchain Technologies and Applications
- Cloud Computing and Services

Projects Guided

: **UG Level:** more than 40

**PG Level:** 08

Recommended Students  
for Higher Education

**Name of the Student**  
More than 15

**University/Industry**  
Various universities from the USA,  
UK, and Canada

Institute/Department  
Responsibility handled: