

Somaiya Vidyavihar University

Name: Sunayana V Jadhav		E-mail: sunayanavj@somaiya.edu	
Contact No: 9029602578			
Department/Section:IT			
College: K J Somaiya College of Engineering			
DOJ Somaiya:1 st Jan 2008	Career Experience:18 Yrs	Industry Experience:01 Yrs	Teaching Experience17_Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation: Assistant Professor	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Database Management 2. Cyber Security 3. Software Engineering 4. Android Programming 5. Web Development 6. Computer Network 7. J2ME programming 8. Image Processing 9. Cloud computing and security 10. AI and ML 11. VAPT <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. Database management Systems 2. Advanced database management systems 3. GUI and database management 4. Digital Forensics and analysis 5. Cyber Security and Awareness 6. Cloud computing and security 7. Programming for remote and components 8. Mobile computing 9. Multimedia systems 10. Computer networks 11. Software engineering 12. Object oriented software engineering 13. Data communication and networking 14. Enterprise resource planning 15. Web Programming 16. Vulnerability analysis and penetration testing laboratory

Recognition as a teacher by any University	UG: Yes/No	PG: Yes/No	Ph.D : Yes/No
Details of Recognitions			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D pursuing	PhD in IT	SVU vidyavihar	KJSCE SVU		
PG	ME Computers	Mumbai	Tsec Bandra	2012	66.86

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UG	BE Computers	Mumbai	DMCE Airoli,Navi Mumbai	2006	62.80
Diploma					
NET/SET/Other					

Notable Experience Details

Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.					
2.					

Research Accomplishments and Projects

No of students pursuing Ph.D as on date:		No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date:		No of groups completed UG projects as on date: 25+
Publications Total:16	Number of Peer review Journal papers:4	Number of Conference papers:5

Details of Publications:

International Journals

1. 1 Traffic-signal-management-using-machine-learning-algorithm system 1 Prof.Sunayana V Jadhav,sidhart vaghela,shubham tawade,Rashmi bharambe,stuti mangalvedhe IJERT June 2020 volume 9 issue 6 .
2. 2 Bluetooth and Wi-Fi based Indoor positioning system 1 Prof.Sunayana V Jadhav, 2 Nithya Mani, 3 AshwiniKumar Vishwakarma, 4 Hardeek Thakkar, 4 Saikeshav Motwani JETIR April 2019 volume 6 issue 4
3. 3 Twitter Based Hyperlocal News Extraction 1 Prof.Sunayana V Jadhav, 2 Rahul Ahuja, 3 , Mukesh Wadhwa, 4 Dharmish Bhatt, 4 Alekh Shah JETIR April 2019 volume 6 issue
4. 4 "Touch Tap See: A navigation Assistant for the visually impaired person" Elsevier 2019 ICACM hosting by SSRN ,international conference on Advancement in computing and management .
5. "Future of Wireless Communication- Light Fidelity (Li-Fi) International Journal for advance research in engineering and technology in Volume 3,Issue III, March 2015.
6. "AES Password Encryption Technique" International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321- 8169 Volume: 3 Issue: 3 1529 - 1532 march 2015.
7. " Fraud Detection and Security for ERPs with Sensitive Data" IJIRST –International Journal for Innovative Research in Science & Technology| Volume 1 | Issue 10 | March 2015 ISSN (online): 2349-6010
8. 1H b Kekre, Tanuja K Sarode and Sunayana V Jadhav. Article: Performance Comparisons of Novel Feature Vector Selection Methods for Iris Recognition. International Journal of Computer Applications 49(16):27-31, July 2012

Conferences

1. PlanIT: An Itinerary Planner using K-Means Clustering and Travelling Salesman Problem,Sunayana v jadhav , Dhruv Kothari, Deep Gori, Dhruv Joshi, Bhavik Mehta, DOI:10.1109/ICCUBEA58933.2023.10392185.Conference: 2023 7th International Conference On Computing, Communication, Control And Automation (ICCUBEA)
2. Dr. Manish Potey , Manish Gudhe, Prof.Sunayana Jadhav Roadmap of Renewable Energy Generation, 2023 6th International Conference on Advances in Science and Technology

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(ICAST) 2023, 979-8-3503-5981-7/23/\$31.00 ©2023 IEEE.		
3. 1 Sunayana V Jadhav, Purnima Ahirao, Manjitsing Valvi Innovative teaching and learning techniques for core theoretical subjects” National conference on Exploring new dimensions in teaching Learning for quality education. Nashik 8th April 2019.		
4. 2 Sunayana V Jadhav , Pravesh Jain, Yash Bhansali, Shwet Jain “ Adaptive and Automated Assessment System to decide the difficulty level of Questions.” ICCUBEA 2018 - 4th International Conference on Computing Communication Control and Automation Pimpri Chinchwad College of Engineering (PCCOE) Pune 16th - 18th Aug 2018		
5. 3 Sunayana V Jadhav , “Design Criteria for Route Selection in Service Discovery Protocol,” International Conference on New Development and Challenges in Engineering, Technology and Management, Yadavrao Tasgaonkar Group of Institute, Karjat, Mar. 22, 2012.		
6.		
7. 4 H b Kekre, Tanuja K Sarode and Sunayana V Jadhav 2012 International Conference on Communication, Information & Computing Technology (ICCICT), Oct. 2012,		
8. Mumbai India, 978-1-4577-2078-9/12/\$26.00 ©2011 IEEE		
Patents/Copy Rights		
No of Research / consultancy / projects completed: Rs:	No of Research / consultancy / projects on-going: Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research / consultancy / projects: Completed On-going Applied		
IPR/ Copyrights		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
Attended <ol style="list-style-type: none"> 1. Attended 2 days Trioconclave meet in KJSCE 2. Attended Irise capacity building workshop in 2024 3. Completed 3 online courses from coursera in 2024 , foundation of cyber security , advanced technique for information security , introduction to cloud identity service. 4. Attended 1 week FDP on outcome based learning education and application of GAI in 2024 5. Attended Refresher Program on Cyber Security and Ethical Hacking @ XIE 10 to 17 Jan 2022 6. Attended one week STTP on Cyber Forensic and Cyber Security organized by Yashwantrao Chavan College of Engineering, Nagpur in association with The Institute of Engineers, Nagpur Local center, and Maharashtra State center and FORnSEC solutions, Nagpur, during Dec 2021. 7. Attended AICTE Sponsored Short Term Training Program on Information Security and Digital organised by Army institute of Technology, Pune, during 4th Jan to 9th Jan 2021 8. Attended STTP on Usage of Technology in Covid-19 organised by Terna Engineering College , Nerul, during 28th May to 2nd June 9. Attended Faculty Development Programme (FDP) on "Use of ICT in Education for Online and Blended Learning", under the aegis of Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) 10. Foundation Program in ICT for Education" FDP101x: 27 July 2017 to 31 August 2017 Pedagogy for Online and Blended Teaching-Learning Process" –FDP201x: 14 September 2017 to 12 October 2017 11. Attended EnCypher 2020 - A National Cyber Security Conference on 2,3,4th Nov 20 online.

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12. organized Webinar on “Encase: Computer Forensic Tool” for MTech OET Course “Cyber Security and Cyber Law” and Third Year OET course “Cyber Security for For SYMTech & TY Date: 29th OCT 2020 Time: 10.30 to 11.30 AM by Ms Priya Gadgil,
13. Attended usage of technology in covid 19 sttp by terna college of engg navi mumbai vashi 28th may to 2 nd june 20.
14. Attended STTP on Advances in IoT organised organised by Electronics and Computer Science Department, Fr. Canceicao Rodrigues college of Engineering 2 to th june 20.
15. Organized Webinar on Cyber Law for Cyber Security Awareness for TY CSA students by dr.Naavi.on 5th june 20
16. Conducted 1 day workshop on Devops in department of computer science K J Somaiya College of science and commerce on Oct 16 2019.
17. Attended one day Project intra college competition in Techno Business Event by Bloom Box as judge panel member .
18. Attended One day workshop on Introduction to CUDA programming FEB 2019 KJSCE
19. Attended One day workshop on block chain technology in Mar 2019 KJSCE
20. Attended AICTE approved Faculty Development Program (FDP101x) on Foundation Program in ICT for Education, conducted by IIT Bombay from August 3 to September 7 2017
21. Attended AICTE approved Faculty Development Programme (FDP201x) on Pedagogy for Online and Blended Teaching-Learning Process, conducted by IIT Bombay from September 14, 2017 to October 12, 2017.
22. Attended Short Term Training Program on “Digital Security” Organized by Department of Information Technology with ISTE in KJSCE from Jun27 to 2 July 2016.
23. Attended Workshop on “Frameworks” Organized by Department of Information Technology with ISTE in KJSCE from march 05 &19,2016.
24. Participated in “Arduino Training” Organized by Department of Information Technology with ARK Technosolutions in KJSCE ON 5.6TH jan 2016.
25. Attended Short Term Training Program on “Internet of Things” Organized by Department of Information Technology with ISTE in KJSCE from 4 to 8th Jan 2016.
26. Attended Short Term Training Program on “hands on Advacred Computational Tools” Organized by Department of Information Technology with ISTE in KC college of Engineering Thane-kopri from 15th to 26th dec 2014.
27. Attended a One Week in-house Workshop on “Core Java” Organized by Department of Information Technology with ISTE Chapter K J Somaiya college of Engineering (MH-103) Mumbai-77 from 1st june-25th June 2010
28. Attended Short Term Training Program on “Mobile Computing”, organized by Department of Computer Engineering, Approved by ISTE During 31st May-4th June 2010 at K C College of Engineering.
29. Participated in the Orientation Programme of “Programming for Mobile and Remote Computers” held on Jan 29th 2010 at SIS School of Technology in association with university of Mumbai.
30. Participated in faculty development programme a three days awareness session on Project Management conducted by TCS in KJSCE on 16-18th jan 2008

Organized

1. Organised expert session on cryptography for TY students. In 2023
2. Organised expert session on reference manager mendely tool for FY Mtech students in 2023.
3. Organised DSY orientation program at dept level for students and faculty.
4. Worked as Organizing Committee member for ISTE approved Short Term Training Program on 'Digital Security', organized by KJSCE, Mumbai, 27th June to 2nd July 2016 2016.
5. Worked as Organizing Committee member for ISTE,IQAC approved Short Term Training Program on 'Blockckain and Digital Security', organized by KJSCE, Mumbai, 17th Dec to 23rd Dec 2023

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6. Worked as Organizing Committee member for an activity of Learning Outcomes for Curriculum Framework (LOCF), an initiative of Quality mandate of SVU, Topic: "Students as Stakeholders towards Quality assessment" Wednesday , Feb 28,2024.
7. Worked as Organizing Committee member for an activity of Learning Outcomes for Curriculum Framework (LOCF), an initiative of Quality mandate of SVU, Topic: "Curriculum Framework aligned to NEP implementation" Monday Oct 10, 2022, 3.15 to 4.15pm

Delivered

1. Invited as Guest Speaker for Devops workshop at department of computer science under star DBT scheme in k j somaiya college of science and commence 2019
- 2.

Notable Key Scholastic Achievements

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| 1. | <ol style="list-style-type: none">1. Reviewer paper for International Conference on Advancements in Computing & Management (AICConfernce 2024)2. Reviewer of Scopus indexed Journal of Engineering Education Transformations (JEET).3. Reviewer for International Journal of Engineering Research & Technology (IJERT) (ISSN: 2278-0181)4. Reviewer paper for International Conference on Advancements in Computing & Management (ICACM-2019)5. Reviewer paper for International Conference on Communication and Computational Technologies (ICCCT2019)6. Life Member of Indian Society of Technical Education, New Delhi, India, since 2009. |
| 2. | |

Notable Positions and Responsibility

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| 1. | <ol style="list-style-type: none">2. Member of online course Committee (faculty) department level3. Member of Timetable Committee till 20194. Departmental coordinator Teaching learning Management5. Lab In charge of B316 Lab6. Admission committee7. Convocation coordinator at institute level for IT department.8. Coordinator for certificate courses.9. LOCF committee coordinator at institute level |
| 10. | |

Date: 4 / 10 / 2024

**Signature of Faculty Member
Sunayana V Jadhav**