

**Name:** Mrs. Hemlata Ajaykumar Shinde (Kadam)

**Designation:** Lecturer

**Department:** Computer Engineering

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## Educational Qualifications

BE (IT)

ME(Computer)

## Experience

Teaching: 16 Years

## Awards/Achievements

- Participation Certificate for National Level Technical Symposium.
- Certificate for Noble Service (Apang Taranahar)
- Certificate for Maharashtra Chatra Sena.
- Certificate for Intermediate Exam.
- Participation certificate for 3<sup>rd</sup> National Level Project & Poster Expo GRAVITY 2K17 during 17-18<sup>th</sup> Feb 2017 at KJ's COE,Pune.
- Chief Guest and Jury for several competitions arranged on occasion of women's day (8-3-2023) at Audumbari Foundation Fursungi.

## Publications

### International Journals:

1.“Detection of Node Replication Attack in MSN based on PKI” in IJSR Volume 3 Issue 7,July2014.

- 2."Employee Tracking Using GPS" in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) ISSN(Online)2278-1021. Vol. 6, Issue 2, February 2017.
- 3."Remote Web Monitoring of Metering Equipment over the Internet" in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) ISSN(Online)2278-1021. Vol. 6, Issue 3, March 2017
4. NetVis:Visualization Tool Based on Treemap" in International Journal & Magazine of Engineering, Technology,Management and Research(IJMETMR ) ISSN No:2348-4845(Online) Volume: 04(june,2017)
- 5.Acceptance certificate for"Public Key Infrastructure Scheme For Detection Of Replication Attack In MSN" in IJSER July 2,2017.
6. Acceptance certificate for"NetVis:A Network Security Management Visualization Tool Based on Treemap" in IJSER July 2,2017.
7. "A Survey On Secure And Trustable Routing Using Wireless Sensor Network" in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) ISSN(Online) :2319-8753 Vol. 6, Issue 11, November 2017.
- 8." Automatic Bug Triage with Software" in International Research Journal of Engineering and Technology (IRJET)  
e-ISSN: 2395-0056 Volume: 05 Issue: 01 | Jan-2018 [www.irjet.net](http://www.irjet.net) p-ISSN: 2395-0072.  
Volume: 05 Issue: 01 | Jan-2018
- 9."KISAN: An Improved Interface for Indian Farmer, India" in International Journal for Scientific Research & Development (IJSRD) ISSN(Online): 2319-8753.[www.ijsrd.com](http://www.ijsrd.com). Vol. 5, Issue 12, 2018
- 10." SURVEY ON ETHICAL HACKING" in International Journal Of Advance Research And Innovative Ideas In Educationi (IJSRD) ISSN(Online): 2395-4396.[www.ijariie.com](http://www.ijariie.com). Vol. 4, Issue 4, 2018
- 11." Bhojnum" in International Journal for Scientific Research & Development (IJSRD) ISSN(O): 2321-0613 VOL-7 ISSUE-1 MARCH 2019.
- 12." Portable Speech-to-speech Translation On an Andiod SmartPhone" in International Journal for Scientific Research & Development (IJSRD) ISSN(O):2321-0613 VOL 07 ISSUE 01 MARCH 2019
- 13." Centralized Data for Transport Automation System using Android Studio" in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 03 | Mar 2020.
- 14."Lane Detection for Self Driving Cars Using Python" in The International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 10, Issue 5, May 2021.

15. "Emotion-Based Music Player Using Facial Recognition" in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) Volume 10, Issue 5, May 2021.

16. "Multi-Store FabCare Laundry System with Mobile Application" in The International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 10, Issue 6, June 2021.

17. "Credit Card Fraud Detection using Machine Learning Techniques" in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) Volume 10, Issue 5, May 2021.

18. "Air Canvas: Drawing in Air using AI" in International Journal of Scientific Research & Engineering Trends Volume 8, Issue 2, Mar-Apr-2022.

19. "SECUCAM: SECURITY CAMERA WITH MOVEMENT DETECTION" in International Research Journal of Modernization in Engineering Technology and Science ( Peer-Reviewed, Open Access, Fully Refereed International Journal ) Volume:04/Issue:04/April-2022.

20. "Fake Review Detection Using Data Mining" International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) | e-ISSN: 2319-8753, Volume 11, Issue 5, May 2022.

21. "EMOTION DETECTION AND ANALYSIS" in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 05, Issue 02, February 2023.

## **Conference:**

### **International:**

1. "PKI based scheme for detection of node replication attack in Mobile Sensor Network" at cPGCON 2014 organized by Dept. of Computer Engineering 28<sup>th</sup> and 29<sup>th</sup> March 2014 at Matoshri COE and Research Centre, Nashik in Association with BOS, Computer Engineering, University of Pune.

### **National:**

1. "NETVIS: A NETWORK SECURITY MANAGEMENT VISUALIZATION TOOL BASED ON TREEMAP", in Futurizm-2013 at PDEA COE manjri(Bk), 1st & 2nd March 2013.
2. "Air Canvas-Draw in air using AI" organized by Department of Computer Engineering, MESCOE in association with CSI Pune Chapter on 21st - 22nd April, 2022.

## Course/Seminar/Symposium/Workshop attended

1. Cisco Workshop On “Computer Hardware & Networking Institute” ,Hadapsar On 2012
2. State Level Workshop On “Cloud Computing” Organized By Department Of IT,CO And E&TC On 26<sup>th</sup> And 27<sup>th</sup> September 2013.
3. State Level Workshop On “NS-2” Organized By Electronics Engineering Department During 10<sup>th</sup> -11<sup>th</sup> October 2013.
4. ”Faculty Development Programme” On 23<sup>rd</sup> And 24<sup>th</sup> Dec 2014 At AISSMS’s Polytechnic Pune.
5. Software Development Training At Vspace Software Solution On 7<sup>th</sup> And 8<sup>th</sup> Feb 2015.
6. ”Faculty Development Programme” Of 3 Days On Soft Skills By Holistic Healing At AISSMS’s Polytechnic Pune.
7. STTP On “Network Security And Forensic” From 18/12/2017 To 22/12/2017 At AISSMS’s Polytechnic Pune.
8. Two Days Workshop On “AUGMENTED REALITY AND MIXED REALITY” Organized By IT ,MMCOE ,Pune On 7.12.2018 & 8.12.2018
9. Workshop On “Artificial Intelligence And Deep Learning” Held At D.Y.Patil School Of Engg And Tech,Pune On 27.12.2018 & 28.12.2018 .
10. FDP on “Cyber Security” Held At MIT-WPU,Pune from 8th to 13th April 2019.
11. FDP on”Awareness On Open Resource Platform For Online Learning ,Research And Self-Study”,held at AISSMS’s COE on 04<sup>th</sup> October 2019.
12. Online Webinar on “The Devops way of automating and securing IT Infrastructure” organized by NBN Singhgad on 25<sup>th</sup> February 2020.
13. Online Webinar on “Emerging Trends and Career Opportunities in IT” organized by Aissms's Polytechnic(IT) on 6/6/2020
14. Online Webinar on “Leadership Development in Women Professional Entrants” organized by AISSMS's COE on 30/05/2020

15. Online Webinar on “Intellectual Property rights” organized by AISSMS's COE on 24/05/2020
16. Online Webinar on “Programming In C Exam” organized by MM Polytechnic on 26/05/2020.
17. Online Webinar on “Use of IoT in Industry 4.0” organized by Dept. of E&TC, SIT, Lonavala on 18/06/2020.
18. Online Webinar on “Research Paper Writing and Citation Manager” organized by PES COE Aurangabad on 21/06/2020.
19. Online Webinar on “”□□ □□□□□□ □□□” organized by AISSMS’s Polytechnic under IEI Students Chapter on 1/6/2020.
20. Online Webinar on “Industrial Automation” organized by AISSMS’s Polytechnic-E&TC Dept. on 26/05/2020
21. Online Faculty Development Program on “Engineering Education & the Industry: A Post COVID-19 Perspective” organized by Rajiv Gandhi Institute of Technology, Mumbai. from 1/06/2020 to 05/06/2020.
22. Attended and Organised Online Workshop on “Advanced Computer Network” organized by AISSMS’s Polytechnic under IEI Students Chapter on 1/6/2020 and 02/06/2020.
23. Online Faculty Development Program on “NAAC Awareness Programme for Faculty” organized by MMIT, Lohgaon from 08/05/2020 to 14/05/2020.
24. Online Webinar on “Increased Relevance of Project management Across Industries” organized by Institute of Engineers Solapur local centre. on 31/05/2020.
25. Online Faculty Development Program on “Introduction to IoT and Case Studies on Industrial Applications” organized by BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, NAVI MUMBAI from 4/06/2020 to 5/06/2020.
26. Online Webinar on “Software Testing and Quality Assurance” organized by AISSMS's COE DEPARTMENT OF COMPUTER ENGINEERING on 23-8-2020.

27. Online Faculty Development Program on “IOT Technology Solution” organized by Electronics Engineering Department, in association with Elmack Engineering Services, Pune from 14th to 18th December, 2020.

28. Online Faculty Development Program on “Energy Efficient Techniques for 5G wireless communications” organized by PICT –NI Labview Academy from 7th to 12th December, 2020.

29. Online Faculty Development Program on “Python Programming” organized by SPM Polytechnic Kumathe from 4th to 6th January, 2021.

30. Online Faculty Development Program on “Artificial Intelligence” organized by Department of E & TC, JSPM’s Rajarshi Shahu College of Engineering, Polytechnic, Pune in association with “The Institution of Engineers (INDIA)” from 11th to 17th January, 2021

31. Online Faculty Development Program on “ARTIFICIAL INTELLIGENCE & MACHINE LEARNING” organized by MAEER’s MIT Polytechnic and MIT-WPU School of Polytechnic & Skill Development, Pune. “ from 12<sup>th</sup> to 14<sup>th</sup> January, 2021

32. Online Faculty Development Program on “Online Social Network” organized by IEEE MIT ADT University Student Branch & Department CSE, in association with IEEE Computer Society from 20<sup>th</sup> to 25<sup>th</sup> July, 2020

33. Online Faculty Development Program on “Mobile Application Development without Coding” organized MAEER’s MIT Polytechnic and MIT-WPU School of Polytechnic & Skill Development, Pune. from 21<sup>st</sup> to 23<sup>rd</sup> January 2021.

34. Online Faculty Development Program on “Cyber Security - Current Trends and Future Perspective” organized by the Department of Information Technology. from 14th to 19th December 2020.

35. Online Webinar on “My Journey of Brain” organized by AISSMS’s Polytechnic on 31<sup>st</sup> oct.2020

36. Organized State Level Five day faculty Development program on “Advanced CPP “in association with IIT spoken tutorial Bombay from 14.05.2020 to 20.05.2020.

37. Organized State Level workshop on “Advanced Computer Network “in association with IEI student chapters from 01.06.2020 to 02.06.2020

38. Organized Webinar on Industrial Automation Testing on 16.06.2020 for third Year First and Second Shift Students.

39. One Week Online Industry Associated Faculty Development Program On“ADVANCED COMMUNICATION USING IOT & WSN” organized by D.Y. Patil College of Engineering, Akurdi Pune in association with Technofield Solutions Ltd. Pune under AICTE MODROB scheme from 9th-13th February, 2021.

41. ISTE approved Online/SF-STTP/FDP Programme on “Augmented Reality and Virtual Reality” held during 21.06.2021 to 25.06.2021 organized by AISSMS College of Engineering, Pune, Maharashtra.

42. Three Days State Level FDP entitled “PHP & MySQL” from 29th July to 31st July, 2021 Organized by Department of Computer Engineering & Information Technology, Sandip Polytechnic, Nashik

43. Two days Faculty Development Program (FDP) on “CYBER SECURITY & CYBER FORENSIC” organized by Department of Computer Technology, SHHJB Polytechnic, Chandwad held on 30th & 31st March 2022.

44. Faculty Development Program (FDP) On “CYBER SECURITY” held during 24.03.2022 and 25.03.2022 Organized by Brahmdevdada Mane Polytechnic, Belati, Solapur, Maharashtra.

45. Participated in the “KARGIL VIJAY DIWAS” Quiz Competition organised by Department of Electrical Engineering, in association with ISTE Students Chapter.

46. Participated in “Virtual Tour of Ready Mix Concrete Plant” organized by AISSMS College of Engineering, Pune, Maharashtra in association with UltraTech Cement Ltd. and IEI.

47. Attended the webinar on “Engineers for Skill Development & Employment in Combating COVID” Organized by AISSMS Polytechnic, Pune Under ISTE Faculty Chapter & IEI Students Chapter. Date: 15.09.2021.

48. Attended Webinar on “Keys to Manage Time & Stress” organized by Department of E&TC Engineering, AISSMS COE Pune on 24/08/2021.

49. Attended Expert Talk on “Financial Literacy” organized by AISSMS COE ISTE Students' Chapter on Saturday, 17th July 2021.

50. Online Faculty Development Program on “Recent Developments in Neural Networks and Embedded RTOS” organized by METHODIST College of Engineering, New Delhi on 09th-13th October 2023.

51. Online Faculty Development Program on “Cloud Infrastructure(AWS)” organized by SMT. KASHIBAI NAVALE COLLEGE OF ENGG, PUNE, MAHARASHTRA on 21st-25th August 2023.

52. Online Faculty Development Program on “Role of OBE in Teaching and Learning” organized by AISSMS's Polytechnic Pune on 27th and 28th March 2023.

53. Online Faculty Development Program on “AI in Engineering” organized by AISSMS's Polytechnic Pune on 30th & 31st October 23.

54. Online Faculty Development Program on “Embedded System Design” organized by SNJB's Polytechnic Chandwad on 21 and 22 July 2023.

55. Online Faculty Development Program on “IOT and Ubiquitous Computing for Emerging Technical Applications” ISTE Approved organized by Vidyalankar Polytechnic, Mumbai on 26 August – 30 August, 2024.

### **Professional Membership**

- 1) Membership of International Association of Engineers  
(Member Number: 192594)
- 2) Life Time Membership of International Society For Research And Development  
(Membership ID:-M4150904181).
- 3) Life Time Membership of the Indian Society For Technical Education  
(Membership ID:-LM 130670).