

Name: Dr. A. N. Gedam

Designation: Lecturer

Department: Computer Engineering

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Educational Qualifications

PhD (Computer Science and Engineering)

Specialization:- Healthcare-Deep Learning

ME (Computer Engineering (Computer Networks))

Specialization:- Computer Networks

BE (Computer Technology)

Experience

Teaching: 21 Years

Publications

International Journals:

1. Gedam Ajit. Narendra, Rumale Aniruddha S. “A Hybrid Optimization Approach for Pulmonary Nodules Segmentation and Classification using Deep CNN”. EAI Endorsed Transaction on Pervasive Health Technology an Internation Journal. [Internet]. 2024 Jan. 15 [cited 2024 Sep. 18];10. DOI: <https://doi.org/10.4108/eetpht.10.4855>.
2. Gedam, Ajit Narendra, Ajalkar, Deepika A., and Rumale, Aniruddha S. “Lung Nodule Detection Using Eyrie Flock-based Deep Convolutional Neural Network” IOS Press, Intelligent Decision Technologies an International Journal. Received: 26 April 2024, Accepted: 15 July 2024, Published: 16 September 2024 pp. 1-23, 2024 DOI: 10.3233/IDT-240605.
3. Gedam Ajit. Narendra, Rumale Aniruddha.S “Pulmonary Nodule segmentation & Classification using Deep Convolutional Neural Network” National Seminar and Annual

Technical Journal Paper Meet-2022, ISBN-978-81-924990-8-6 on Emerging Trend in Engineering and Technology organized by The Institution of Engineers (India) Pune Local Centre on 15th October 2022 and 16th October 2022, Maharashtra, India.

4. Gedam Ajit. Narendra, Wankhade Mahesh P “A Review Paper on Preventing Forged Acknowledgement in Manets” is published in International Journal of Science and Research (IJSR) Volume 5 Issue 2, February 2016. ISSN (Online): 2319-7064.
5. A Kodre, H Kunjir, K Gounder, A Padwal, Prof. A. N. Gedam “Property Evaluation System” Published On Volume-4 Issue-2 2018 By International Journal Of Advance Research And Innovative Ideas In Education. Issn:2395-4396,Paper Id: 7732.
6. ‘Multi-Platform Car Game Controller And Driving Simulator’ Published In Volume5 Issue 2 February 2018 By International Research Journal Of Engineering And Technology(Irjet).
7. “Anti-Theft Mobile Tracking System” Published in IJSRD - International Journal for Scientific Research & Development| Vol. 7, Issue 01, 2019 | ISSN (online): 2321-0613
8. “System to Identify AND Define Security Threats TO THE Users ABOUT THE Illegitimate Installed Applications” published in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 03 | Mar 2020.
9. Ajit N. Gedam¹,Afiya Papde², Pranalee Walunj³, Rana Shaikh⁴ ,Sakshi Kamble⁵ “Image Watermarking Using QR Code” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 03 | Mar 2020.
10. Ajit N Gedam, Kajol B Deshmane, Nishigandha N Jadhav, Ritul M Adhav, Akanksha N Ghodake Survey on Breast Cancer Detection using Logistic Regression Algorithm International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) ||Volume 11, Issue 4, April 2022, DOI:10.15680/IJIRSET.2022.1104129.
11. Prof. Ajit N. Gedam¹ , Atharva M. Daphal² , Atharv S. Jori³ , Mahesh S. Kadam⁴ , Sahil M. Kadolkar⁵ “Survey on Brain Tumor Detection using CNN Algorithm” Volume 11, Issue 4, April 2022, DOI:10.15680/IJIRSET.2022.1104122.
12. Prof. A. N. Gedam, Kunal Kandhare, Sujal Hanamghar, Onkar Gaikwad, Om Kalbhor “BREAST CANCER DETECTION WITH OPTIMIZED MACHINE LEARNING AND DEEP LEARNING TECHNIQUES” International Research Journal of Modernization in Engineering Technology and Science Volume:05/Issue:02/February-2023.

International Conference:

1. Gedam Ajit. Narendra, Rumale Aniruddha.S “A Hybrid Optimization Approach for Pulmonary Nodules Segmentation and Classification using Deep CNN” an 2nd International Conference EAI ICISML-2023 organised by SSU kattak, Bhubaneswar, Odisha, India.on 27th and 28th July 2023.
2. Gedam Ajit. Narendra, Wankhade Mahesh P. “Hybrid Crypto-System Approach use in Secure Intrusion Detection System for MANET is presented and published in IEEE Sponserd “2017 International Conference on Intelligent Computing and Control (I2C2)”, volume 3,paper id-352, on 23 Jun 2017 to 24 Jun 2017 at Karpagam Innovation Centre Karpagam College of Engineering Mylerripalayam Othakkalnadapam (post) Coimbatore, India.

3. Gedam Ajit. Narendra, "Centralized Secure routing Protocol For Mobile Ad-Hoc Network" is Presented and published in International Conference on Networks, Information and Communication 2014 (ICNIC 2014), 10-12 July, 2014, Organized by Department of Electronics and communication Engineering SVCE, Bengaluru-India.

BOOKS PUBLISHED :

1. RELATIONAL DATABASE MANAGEMENT SYSTEM BY VISION PUBLICATION in 2010.

Course/Seminar/Symposium/Workshop attended

1. Implementation Of Detailed Syllabus For The B.E. Computer Engineering 2003 Course Organised By Rscoe , Tathawade, Pune On 05/02/2007.
2. Ethical Hacking And Information Security Organised By Zeal Education Society, Coe Pune On 05/01/2012 To 07/01/2012.
3. Linux Basics To Application Clustering Linux Basics To Application Clustering Organised By Aissms Ioit, Pune. On 04/02/2012 To 06/02/2012.
4. 4g Technology Organised By Aissms Ioit, Pune On 23/02/2012 To 24/02/2012.
5. Research Opportunities in Distributed Computing ORGANISED BY AISSMS IOIT, Pune ON 12/03/2012 TO 13/03/2012.
6. Hardware Maintenance And Networking Organised By Laser Arts On 10/12/2016 To 12/12/2016.
7. Network Simulator-3 Organised By Mauli College Of Engineering ,Shegaon, Maharastra, India On 05/05/2017 To 06/05/2017.
8. Network Simulation-2 Organised By Globeminds Technologies,Pune On 25/8/2017 To 27/8/2017.
9. Network Simulation-2 Organised By Globeminds Technologies,Pune On 18/12/2017 To 22/12/2017.
10. Two weeks workshop on EDP at AISSMS'S POLYTECHNIC,PUNE.
11. "Three Days Industrial Training Program" Conducted By It-Networkz Infosystems Private Limited, Nagpur. Organised By Maharastra State Board Of Technical Education Kherwadi, Bandra(E), Mumbai FROM 12.7.2018 to 14.7.2018
12. One week Oriantation training program on "Modern Pedagogy and Recent Technological Development" Organized by AISSMS's COE,Pune on 10.12.2018 to 14.12.2018
13. One Week FDP on Data Sciene hosted by AISSMS COE,pune on 17.06.2019 to 22 .06 .2019
14. One week Online FDP on Advance Teeaching Tools and Methodology for Outcome Bases Education on 01.06.20 to 05.06.2020

15. FDP ON Modern Technologies and Self Development on 08.06.20 to 10.06.20
16. FDP ON Introduction to Outcome base education and Enhancing Quality of Teaching Learning Process on 15.06.20 to 19.06.20.
17. FDP ON Virtual LAB: Hands-On Workshop on 18th July 2020
18. One week FDP ON Machine Learning and IOT Applicaton on 08.12.20 to 14.12.20.
19. One week FDP ON Data Analysis Using Deep Learning on 14.12.20 to 19.12.20.
20. One week FDP ON Emerging Trend and Challenges : ML IOT and Cyber Security on 18.01.21 to 22.01.21
21. Webinar on Study Opportunity in USA post COVID-16 organised by AISSMS COE Pune on 03.06.20
22. Webinar on Employability in Current Situation organized by AISSMS COE Pune on 18.06.20.
23. Webinar on Enhancing Quality Culture in Technical Institutes through Online Teaching for Outcome Based Teaching” organized by AISSMS COE Pune on 05.07.20.
24. Webinar on Impact of Architectural Lightning in creating Surreal Experience organized by ASSOCHAM India on 12.07.20.
25. Webinar on Challenges and Emerging Opportunities organized by ASSOCHAM India on 16.07.20
26. Webinar on Integrating Landscape into the form & fabric of built form organized by ASSOCHAM India on 22.07.20.
27. Webinar on Software Testing and Quality Assurance organized by AISSMS COE Pune on 23.08.20
28. Webinar On Patent Protection for Innovation Driven Educational Institutional organized by TURNIP Innovation on 29.08.20.
29. Webinar on RENEWABLE ENERGY IN INDIAN UNIVERSITIES Solar Energy: An Agent of Change Series 2 organized by SOLAR ENERGY SOCIETY OF INDIA on 06.09.20.
30. Webinar on Software Testing and Quality Assurance organized by AISSMS COE Pune on 14.09.20
31. Webinar on Introduction to Industrial IoT & its Prospect organized by AISSMS COE Pune on 06.11.20
32. Webinar on My Journey to Brain organized by AISSMS COE Pune on 31.10.20
33. Webinar ON 1 Day HANDS-ON Faculty Development Program on Web Development AISSMS COE Pune on 13.12.20.
34. Two week FDP approved by ISTE on “Creating Effective Learning Ecosystem through Innovative Techno-Pedagogies in Light of NEP 2020” from 19/01/2026 to 31/01/2026.
35. FDP on “Industry 5.0 powered by Agentic AI, IoT & Robotics Automation for Digital Transformation” held on 12/12/2025. At IEI Pune Local Centre, Pune

Professional Membership

1. Life member of Institution Of Engineeres(India).(LMIE)
2. Life Member of Indian Society for Technical Education(LMISTE)
3. Member EAI- European Alliance for Innovation.
4. Secretary ISTE Faculty Chapter AISSMS Polytechnic, Pune.
5. VLAB Nodal Coordinator AISSMS Polytechnic, Pune.
6. Faculty Adviser IEI Students Chapter AISSMS Polytechnic, Pune.
7. Faculty Adviser ISTE Students Chapter AISSMS Polytechnic, Pune

Special Achievement:

1. 3rd time elected Committee Member The Institution of Engineers (India) , Pune Local Centre 2025-27 from Computer Engineering Division Board.
2. Co-Convener of Annual Technical Paper Meet (ATPM-2022) & Publication of Annual Technical Journal VOL-44 organized by IEI Pune Local Centre on 15th and 16th October 2022.
3. Co-Convener and Organizing Secretary of National Convension of Architectural Engineers & National Seminar on the Theme “Emerging Trends in Architectural Engineering and Construction practices” on 18th and 19th March 2023.
4. Program coordinator and Convener MSBTE sponsored five days Faculty Development Training program on “Artificial Intelligence: An Engineering Milestone” on 29th Jan. 2024 to 2nd Feb. 2024.
5. Invited for Expert talk on “Benefits of IEI Students Chapter” by Cusrow Wadia Institute of Tewchnology, Pune.

6. Invited Jury Member in All India Seminar on “Green Computing” organized by IEI Pune Local Centre on 30th and 31st March 2023.
7. Invited Jury Member for MSBTE sponsored paper presentation Organised by Government Polytechnic, Pune on 21st September 2024.
8. Invited to join as a Speaker to deliver a presentation on preferred topic of Research work, by 4th International Conference on Nutrition and Healthcare is scheduled on November 11-12, 2024 in Bangkok, Thailand.
9. Reviewer in MEICON 1.0-International Conference Organised by OP Jindal University, Raigarh (C.G.)
10. Two Research Articles Indexed by Scopus and Emerging Source Citation Indexed-Web of Science Database respectively.
11. Convener AISPATJ-2025 National Conference Organized by The Institution of Engineers (India), Pune Local Centre, Pune on 19th and 20th March 2025.
12. Session Chair AISPATJ-2025 National Conference Organized by The Institution of Engineers (India), Pune Local Centre, Pune on 19th and 20th March 2025.
13. Reviewer MSBTE K Scheme Lab Manual.
14. Reviewer in International Journal of Intelligence Decision Technologies IOS Press.
15. Reviewer in International Journal of Biomedical Signal Processing & Control.