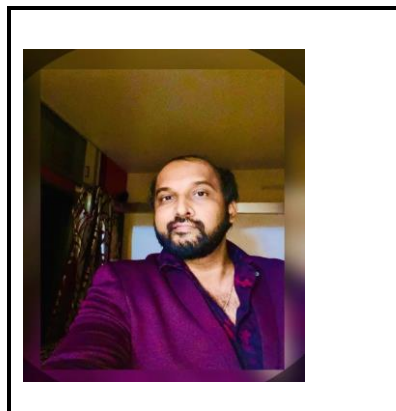


Faculty Profile

Name	Sumit S Shevtekar
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Department	Computer Engineering
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Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D. (Pursuing)	Indian Institute Of Technology Indore. India. [I.I.T Indore]. External/Sponsoring Organization - Texas State University, Texas, USA.	
M.E. (Computer)	S.I.T. Lonavala. Pune University	2013
B.E. (Computer)	Pune University	2007

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Assistant Professor, PICT Pune	2017 - Present
2	Lecturer, PICT Pune	Jan 2008 - 2017

Research Publications

Sr. No.	Paper/Title
1.	Sumit S Shevtekar, Yadhresh Gangurde. "Towards Safer Roads: A Deep Learning Approach to Driver Distraction Detection in Four-wheeler Cars". International Scientific Journal of Engineering and Management . Volume 6, Issue 3, May-June 2024. ISSN 2582-2160. Impact Factor: 9.24. Page – 1-19. ISSN Approved – UGC Care journal, Google scholar. DOI: – https://doi.org/10.36948/ijfmr.2024.v06i03.19876
2.	Sumit S Shevtekar, Ayush Bulbule. "Enhanced Pothole Detection Using YOLOv8 Nano". International Scientific Journal of Engineering and Management . Volume: 03 Issue: 05 May – 2024. ISSN 2583-6129. Impact Factor: 6.674. Page – 1-7. ISSN Approved – UGC Care journal, Google scholar. DOI: – https://www.doi.org/10.55041/ISJEM01632
3.	Sumit S Shevtekar, Hatim A. Talwarawala. "Unveiling Crash Casualties: A Neural Network Model for Crash Type Classification Using Traffic Datasets". International

- Journal for Research in Applied Science & Engineering Technology (IJRASET) . May 2024. ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 12 Issue V May 2024. Page No 329-337. ISSN Approved – UGC Care journal, Google scholar. DOI: – <https://doi.org/10.22214/ijraset.2024.61538>.
4. Sumit S Shevtekar, Shrinidhi kulkarni. "Traffic-sign Recognition and Detection using Yolo-v8". International Journal of Research Publication and Reviews . May 2024. ISSN 2582-7421. Vol (5), Issue (5), May (2024) Page – 1619-1631. ISSN Approved – UGC Care journal, Google scholar. DOI: – <https://doi.org/10.13140/RG.2.2.19007.11683>.
 5. Sumit S Shevtekar, Sushant Langhi. "Automating Helmet Usage Detection: A YOLOv8 Based Framework". International Journal for Research in Applied Science & Engineering Technology . May 2024. ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 12 Issue V May 2024. Page No 461-471. ISSN Approved – UGC Care journal, Google scholar. DOI: – <https://doi.org/10.22214/ijraset.2024.61533>.
 6. Anagha More, Sanket Chaudhari, Pranav Parit, Sumit.S.Shevtekar. "A Unified Smart Contract Framework For Healthcare Data Management and Insurance Processing.". BULLETIN FOR TECHNOLOGY AND HISTORY. BTH . Jun 2024. Volume 24, Issue 06. ISSN: 0391-6715; IC Value: 45.98; SJ Impact Factor: 7.538. ISRA Journal Impact Factor 7.894. DOI: – 10.37326/bthnlv22.8/1746. Page No 31-38. ISSN Approved – UGC Care journal, Google scholar, Indexed By Scopus.
 7. Sumit Shevtekar, Varad Kalambarkar, Radhey Saykar, Ankit Kumar, Mahesh Sathe. "E Voting System Using Aadhaar Card Based On Blockchain Technology". BULLETIN FOR TECHNOLOGY AND HISTORY. BTH . Jun 2024. Volume 24, Issue 06. ISSN: 0391-6715; IC Value: 45.98; SJ Impact Factor: 7.538. ISRA Journal Impact Factor 7.894. DOI: – 10.37326/bthnlv22.8/1754. Page No 128-136. ISSN Approved – UGC Care journal, Google scholar, Indexed By Scopus.
 8. Sanket Chaudhari, Pranav Parit, Anagha More, Sumit S Shevtekar. "Transformative Applications of Smart Contracts in Healthcare: A Comprehensive Study". BULLETIN FOR TECHNOLOGY AND HISTORY. BTH . April 2024. Volume 24, Issue 03. ISSN: 0391-6715; IC Value: 45.98; SJ Impact Factor: 7.538. ISRA Journal Impact Factor 7.894. DOI: – 10.37326/bthnlv22.8/1574 Page No 279-283. ISSN Approved – UGC Care journal, Google scholar, Indexed By Scopus.
 9. Sumit S Shevtekar, Ankit Kumar, Mahesh Sathe. "Blockchain-Based Electronic Voting System: Secure and Transparent Implementation for Trustworthy Electoral Processes". BULLETIN FOR TECHNOLOGY AND HISTORY. BTH . April 2024. Volume 24, Issue 04. ISSN: 0391-6715; IC Value: 45.98; SJ Impact Factor: 7.538. ISRA Journal Impact Factor 7.894. DOI: – 10.37326/bthnlv22.8/1593 Page No 123-127. ISSN Approved – UGC Care journal, Google scholar, Indexed By Scopus.
 10. Sumit S Shevtekar, Radhey Saykar, Varad Kalambarkar. "SecureSign: Blockchain-Enhanced Aadhar Authentication And OTP Verification For Voting Systems". BULLETIN FOR TECHNOLOGY AND HISTORY. BTH . April 2024. Volume 24, Issue 04. ISSN: 0391-6715; IC Value: 45.98; SJ Impact Factor: 7.538. ISRA Journal Impact Factor 7.894. DOI: – 10.37326/bthnlv22.8/1593 Page No 197-200. ISSN Approved – UGC Care journal, Google scholar, Indexed By Scopus.
 11. Anagha More, Sumit S Shevtekar. "Blockchain Based Smart Contract In Healthcare". International Journal of Research and Analytical Reviews (IJRAR) Sep-Oct 2023. E-ISSN 2348-1269, P- ISSN 2349-5138;. IJRAR October 2023, Volume 10, Issue 4. SJIF = 7.17. Date of Publication: 29-October-2023. Page No 941-944. UGC

- and ISSN Approved – Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.17 Google scholar . UGC Approved Journal No: 43602(19).
12. Sumit S Shevtekar, Sanket Chaudhari. "Leveraging Smart Contracts for Decentralized Healthcare Data Sharing". International Journal for Research in Applied Science and Engineering Technology. ISSN 2321-9653. Volume 11, Issue X, October 2023. ISRA Impact Factor 7.894. SJIF Impact Factor: 7.538. Page No . Page No 1932-1935. DOI-10.22214/IJRASET. UGC and ISSN Approved – Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.17 . Google scholar . UGC Approved Journal. Journal Number on UGC Website: 45842 & 47916.
 13. Sumit S Shevtekar, Pranav Parit. "Improving Healthcare Insurance Claim Eligibility Check With Smart Contracts". International Journal of Research and Analytical Reviews . Oct 2023. E-ISSN 2348-1269, P- ISSN 2349-5138;. IJRAR October 2023, Volume 10, Issue 4. SJIF = 7.17. Date of Publication: 29-October-2023. Page No 938-940. DOI- 10.1729/Journal.36627. UGC and ISSN Approved – Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.17 . Google scholar . UGC Approved Journal No: 43602(19).
 14. Sumit S Shevtekar, Mahesh Sathe. "Decentralized E-Voting Systems Based on the Blockchain Technology and It's Framework". International Journal of Creative Research Thoughts – IJCRT. Oct 2023. ISSN: 2320-2882. IJCRT | Volume 11, Issue 10 October 2023. Impact factor = 7.97. Page No 897-900. ISSN Approved – Scholarly open access journals, Google scholar. IJCRT2310554.
 15. Varad Kalambarkar, Sumit S Shevtekar "Blockchain Based E-Voting and Electoral Fraud Detection". International Journal for Research in Applied Science and Engineering Technology. ISSN 2321-9653. Volume 11, Issue X, October 2023. ISRA Impact Factor 7.894. SJIF Impact Factor: 7.538. Page No . Page No 2019-2023. DOI-10.22214/IJRASET. UGC and ISSN Approved – Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.17 . Google scholar . UGC Approved Journal. Journal Number on UGC Website: 45842 & 47916.
 16. Sumit S Shevtekar, Ankit Kumar . "TRADITIONAL E-VOTING VS E-VOTING SYSTEM BASED ON BLOCKCHAIN". International Journal of Current Science – IJCSPUB. ISSN 2250-1770. Volume 13, Issue 4, 30 October 2023. Impact Factor 8.17. Page No 506-509. ISSN Approved – ISSN Approved – Google scholar, Scholarly open access journals.
 17. Sushant Langhi, Sumit S Shevtekar. "The Potential And Security Of Smart Contracts". International Journal of Creative Research Thoughts – IJCRT. Oct 2023. ISSN: 2320-2882. IJCRT | Volume 11, Issue 10. October 2023. Impact factor = 7.97. Page No f517-f521. ISSN Approved – Scholarly open access journals, Google scholar. IJCRT2310627.
 18. Sumit S Shevtekar, Yadhresh Gangurde, Ayush Bulbule . "Ensuring Data Security in Transit and Rest in Cloud Environments". International Journal of Current Science – IJCSPUB. ISSN 2250-1770. Volume 13, Issue 4, October-November 2023. Impact Factor 8.17. Page No 556-559. Registration ID: IJCSP_217600 | Paper ID: IJCSP23D1067. ISSN Approved – Google scholar, Scholarly open access journals.
 19. Radhey Saykar, Sumit S Shevtekar. "Advancements in Blockchain Based Architecture for E-Voting System". International Journal for Multidisciplinary Research (IJFMR). November-December 2023. ISSN: 2582-2160. Volume 5, Issue 6. Impact factor = 9.24 . IJFMR DOI -10.36948/ijfmr. Page No 1-6. ISSN Approved – Scholarly open access journals, Google scholar. IJFMR23068305.
 20. Shrinidhi Kulkarni, Hatim Talwara, Sumit S Shevtekar. "Cost-Effective Resource Allocation and Optimization Strategies for Multi-Cloud Environments".

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21. Sumit S Shevtekar, Saurabh Sahare. "Ethereum Based Fundraising Tracking System for Cancer Patients". International Journal of Innovative Research in Computer and Communication Engineering. e-ISSN: 2320-9801, p-ISSN: 2320-9798|. Volume 11, Issue 4, April 2023. SJIF = 8.379. Page No 3105-3108. An ISO 9001:2008 Certified Journal. Indexed in Google Scholar and other reputed databases. DOI: 10.15680/IJIRCCE.2023.1104261
 22. Sumit S Shevtekar, Aditya S. "HEALTH INSURANCE TRACKING SYSTEM USING ETHERIUM- BLOCKCHAIN". International Research Journal of Modernization in Engineering Technology and Science . e-ISSN: 2582-5208. Volume:05/Issue:05/May-2023 Impact Factor- 7.868. Page No 3706-3711. An ISO 9001:2008 Certified Journal. Indexed in Google Scholar and other reputed databases.
 23. Sumit S Shevtekar, Ajay Raut. "Fundraising Tracking System for NGOs Using Blockchain". International Journal for Research in Applied Science & Engineering Technology. ISSN: 2321-9653. Volume 11, Issue V, May 2023. SJIF = 7.538. Scientific Journal Impact Factor: 7.538, ISRA Journal Impact Factor: 7.894, IC Value: 45.98, Crossref DOI Number: 10.22214. Paper ID: IJRASET51520. Indexed with ISI, & Google Scholar, Indexed with Index Copernicus, Issuu, Scribd, Academia & Research Gate DOI: 10.22214
 24. Aditya Sonawane., Sumit S Shevtekar. "Health insurance tracking system using blockchain". GRADIVA REVIEW JOURNAL. ISSN NO : 0363-8057. Volume-9-Issue-5- May 2023. SJIF = 6.3. GRJ is indexed in Google Scholar, Scopus, ResearchGate, Scribd , UGC-CARE Group II Journal
 25. Sumit S Shevtekar, Pravin Warghade. "Blockchain Based Crowdfunding System for Healthcare". International Journal of Innovative Research in Computer and Communication Engineering. e-ISSN: 2320-9801, p-ISSN: 2320-9798|. Volume 11, Issue 4, April 2023. SJIF = 8.379. Page No 3105-3108. An ISO 9001:2008 Certified Journal. Indexed in Google Scholar and other reputed databases. DOI: 10.15680/IJIRCCE.2023.1104261
 26. Sumit S Shevtekar, Amit Purohit. "Ethereum based Real Estate Management". INTERNATIONAL JOURNAL OF PROGRESSIVE RESEARCH IN SCIENCE AND ENGINEERING, MAY 2023. e-ISSN: 2582-7898;. VOL.4, NO.05, May 2023. SJIF = 5.494. Page No 131-135. An ISO 9001:2008 Certified Journal. Indexed in Google Scholar and other reputed databases. DOI: 10.15680/IJIRCCE.2023.1104261
 27. Pranit Chaudhari, Sumit S Shevtekar. "Ethereum Based Fundraising Tracking System for Efficient and Transparent Disaster Relief and Humanitarian Aid". International Journal of Scientific Research and Engineering Development, May-June 2023. ISSN: 2581-7175;. Volume 6 Issue 3, May-Jun 2023. SJIF = 5.49. Page No 243-248. Indexed in Google Scholar and other reputed databases. DOI: 10.15680/IJIRCCE.2023.1104261
 28. Sumit S Shevtekar, Amit Purohit. "Asset Security and Transfer using Blockchain". International Journal of Research Publication and Reviews Journal, Vol 3, no 11, pp 2029-2034, November 2022. ISSN 2582-7421. Vol 3, no 11, pp 2029-2034, November 2022.

29. Sumit S Shevtekar, Pranit Chaudhari. "Fundraising Tracking System Using Blockchain". International Journal of Scientific Research in Computer Science, Engineering and Information Technology ISSN : 2456-3307. . Publication Issue : Volume 8, Issue 6 November-December-2022. Page Number : 165-172.
30. Sumit S Shevtekar, Aditya Sonawane, Ganesh khandepatil. "Literature Survey on Assets Security and Transfer Using Blockchain". International Journal of Research Publication and Reviews Journal, ISSN 2582-7421. . Vol 3, no 11, pp 2176-2180, November 2022.
31. Sumit S Shevtekar, Harish Sumant, Abhijit Suryawanshi. "Splay Tree and Skip List: Effectiveness and Analysis in Internet Packet Categorization". International Journal of Scientific Research in Computer Science, Engineering and Information Technology. . ISSN: 2456-3307. November-December-2022, 8 (6) : 285-294.
32. Pravin Warghade, Sumit S Shevtekar. "Blockchain Based Crowdfunding System". International Journal of Research Publication and Reviews Journal. Volume 3, Issue 11, 2022. ISSN 2582-7421. Sr. No: IJRPR 17396 Vol 3, no 11, pp 2406-2410 Nov-Dec 2022.
33. Sumit S Shevtekar, Mugdha Malpe, Mohammed Bhaila. "Analysis of Game Tree Search Algorithms Using Minimax Algorithm and Alpha-Beta Pruning". International Journal of Scientific Research in Computer Science, Engineering and Information Technology. ISSN: 2456-3307. November-December-2022, 8 (6) : 328-333
34. Sumit S Shevtekar, Rutuja Kulkarni. "Minimax Algorithm and Alpha-Beta Pruning for Game Development Using Blockchain". International Journal of Science and Research (IJSR). Page 21-24. ISSN: 2319-7064. Vol 11, Issue 12. Dec 2022. Impact Factor = 7.942. Paper ID: SR221123144401DOI: 10.21275/SR221123144401
35. Sumit S Shevtekar , Sayeed Khan , Sanket Jhavar , Harsh Dhawale. "Bo-Tree:An Efficient Search Tree". International Journal of Science and Research (IJSR). Page 273-277. ISSN: 2319-7064. Vol 11, Issue 12. Dec 2022. SJIF = 7.942. Paper ID: SR221202123124 DOI: 10.21275/SR221202123124
36. Sumit S Shevtekar, S P Patil. "Super Cluster Computing Architecture" c-PGCON13 in association with ACM Pune professional chapter.
37. Sumit S Shevtekar, S P Patil. "Advanced Super Cluster Computing Architecture (Parallel Computing)". 1 st international conference on Recent trends in engineering & technology. Paper entitled . International Journal of Electronics, Communication & Soft Computing Science and Engineering (IJECSSE). Volume 1, Issue1, March 2012.
38. Sumit S Shevtekar, S P Patil. "Implementation of cluster computing in radar image processing". International journal of advances in management, technology & engineering sciences. Interdisciplinary conference on Changes, Challenges and consequences in Commerce, Management, Technology, Engineering and Social Science Paper entitled . Vol. I Issue 12(III), September 2012 ISSN: 2249 – 7455.

Conferences / Seminars Attended

Sr. No.	Conference/Seminar/...
1.	Awarded From Microsoft Education- Certified Microsoft innovative Educator
2.	Attended Accenture 'world of agile software development' – at Hyatt Pune .

3.	Attended Oracle ‘Journey to the Cloud’ Seminar.
4.	Attended A 7-Level Smart Home System for the XY generation Expert Session.
5.	One Week FDP on Moodle Learning Management System.
6.	Completed International E -Workshop on Angular JS , on 26th June 2020 organised by the Revolution Software Development Club.
7.	Completed AICTE Sponsored Online Short- term training program STTP) on Computer Networking
8.	Completed Five Days National Level Skill Development Program on “Advanced Tools and Concepts for Lab Development and Maintenance”
9.	Completed One week Online FDP on Java Business Application.
10.	Completed One Week FDP on C.
11.	Completed One Week FDP on Cpp.
12.	Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on Robotics.
13.	Participated in One Day Syllabus Revision Online Faculty Development Program on “Data Structures and Algorithms Laboratory”.
14.	Successfully participated in one day online FDP on “Principles of Programming Languages”.
15.	Completed One Week FDP on Java.
16.	Completed One Week FDP on “Advanced Tools and Concepts for Lab Development and Maintenance”.
17.	Completed AICTE Sponsored Online Short-term training program (STTP) on “Computer Networking” .
18.	One day Online FDP on ” Object Oriented Programming”
19.	Completed International E – Workshop on Angular JS,
20.	Completed Five Days National Level Skill Development Program on “Advanced Tools and Concepts for Lab Development and Maintenance”
21.	Attended Webinar on AICTE – Student Learning Assessment Project (PARAKH)
22.	Completed One Week FDP on Java Applications.
23.	Attended Soft Skills Program (SSP) at IIT (BHU) , Varanasi in association with AICTE – Leadership Excellence.
24.	Completed AICTE ATAL- Designing and Modelling IOT,AI&ML Systems Workshop.

Awards & Recognitions

Sr. No.	Award/Recognition	Year
1	Awarded From Microsoft Education- Certified Microsoft innovative Educator	
2		

Areas of Interest

Sr. No.	Area
1	Artificial Intelligence
2	Data Mining
3	Cloud Computing
4	Machine Learning

5	Blockchain
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