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	Shankar Laxman Jagli Chembur, Mumbai-400074.	Email ID: ghanamma.jagli@ves.ac.in Mobile: 91 9769614365

Research Interests: Artificial Intelligence, Machine Learning, Data Analytics, Data Science, Cloud Computing.

Current Designation / Position: Deputy Head of the Department & Assistant Professor, Department of MCA, VESIT, Chembur, Mumbai.

Educational Qualification:

- **Doctor of Philosophy (Ph.D.)** in Computer Science and Engineering.
- **Master of Technology (M.Tech)** in Information Technology.
- **Bachelor of Technology (B.Tech)** in Computer Science and Information Technology.
- **Diploma in Computer Engineering (D.CM.E.).**

Teaching Experience:

- V.E.S. Institute of Technology, Mumbai
Assistant Professor cum Deputy HoD. (Jan'2021-Present)
Assistant Professor (Jul'2006-Jan'2021)
- Dwarkadas J. Sanghvi College of Engineering, Mumbai
Visiting Faculty (Mar'2006 - Jun'2006)
- Vathsalya Institute of Science and Technology, Hyderabad
Assistant Professor (July 2004-Nov'2005)

Research Experience:

- Publishing Research Papers (Jan'2011 - Present)
- Advisory Committee member, Reviewer (Jan'2014 - Present)
- Programme Committee Member, Session Chair, and Session Co-chair. (Jan'2014 - Present)
- Guided M.E. and MCA Dissertations (Jan'2007 - Present)
- Guided Smart India Hackthan and Avishkar Projects . (Jan'2016 - Present)

Publications: Journal Publications: Scopus/UGC

1. Dhanamma Jagli, etc. "Trip Tailor: AI-Powered Travel Planning with Itinerary Generation and Chatbot Assistance", International Journal of Environmental Sciences Vol. 11 No. 4s (2025): Special Issue on Sustainable Engineering and the Management of Natural Resources. (**Scopus Indexed**).

2. Dhanamma Jagli, etc.”Transforming User Engagement Through Smart AI Desktop Assistant”, Journal of Neonatal Surgery .Vol. 14, Issue 20s (2025).**(Scopus Indexed)**.
3. Dhanamma Jagli, etc “Revolutionizing Healthcare: Exploring the Impact of AI Chatbots” International Journal of Engineering Trends and Technology Volume X Issue X, 1-4,**(Scopus Indexed)**.
4. Dhanamma Jagli, Rohini Temkar, Laxmi Nakirekanti, and Aayush Bhat, "The Role of Artificial Intelligence in Cyber Security, "Journal of Electrical Systems (JES) Vol. 20 No. 3 (2024), page no. 5286-5291. **(Scopus Indexed)**.
5. Dhanamma Jagli, N Subhash Chandra, Ch Ravi, Laxmi Nakirekanti, Srinivasa Rao Dhanikonda, and Rishi Singh Bisht, “Leveraging Artificial Intelligence for Enhanced Drug Discovery," Frontiers in Health Informatics, 13 (3), 1676-1685. **(Scopus Indexed)**.
6. Dhanamma Jagli1, Mamatha Talakoti, Ramesh Solanki, Neelam Naik, krantee Jamdaade, and Riddesh Naik, Innovative Machine Learning Models for Student Mental Health Analysis”, "Frontiers in Health Informatics ISSN-Online: 22024; Volume 13: Issue 3, Frontiers in Health Informatics, 13 (3), 1270-1281 **(Scopus Indexed)**.
7. Rohini Temkar, Dhanamma Jagli, Shubham Gupta, Suhail Shaikh, Aditya Mundas, Suraj Patel “Deep Learning Solutions for Real-Time Driver Distraction and Drowsiness using Alerts”, " Journal of Electrical Systems (JES), 4286 - 4295, Vol. 20 No. 10s (2024) DOI: <https://doi.org/10.52783/jes.6064>. **(Scopus Indexed)**.
8. Dr. Dhanamma Jagli, et al. (2024), Impacts of Industry 4.0 on Employment and Opportunities for Sustainability, Educational Administration: Theory and Practice, 30(6), 4515-4518 Doi: 10.53555/kuey.v30i6.7539 **(Scopus Indexed)**.
9. Dhanamma Jagli, Dr. Subhash Chandra, Nakirekanti Laxmi, and Sudhakar Jangil, “Healthcare Record Sharing and Management using Blockchain." International Journal on Recent and Innovation Trends in Computing and Communication, vol. 11, no. 10, Nov. 2023, pp. 1444-8, <https://doi.org/10.17762/ijritcc.v11i10.8694> **(Scopus Indexed)**.
10. Dhanamma Jagli and Purohit, Seema, and Chandra, Subhash, “A Quality Model for Evaluation and Selection of Software Services in Cloud" (March 8, 2020), International Journal of Advanced Research in Engineering and Technology, 11(11), 2020, pp. 224-240. **(Scopus Indexed)**.
11. Mrs. Dhanamma Jagli, Dr. (Mrs.) Seema Purohit, Dr. N. Subhash Chandra, “Knowledge Acquisition for Electronic Health Records on Cloud, ” Procedia Computer Science, ISSN: 1877-0509, Vol. 112, Page: 1909-1915, Publication Year 2017.**(Scopus Indexed)**.
12. Dhanamma Jagli, Siddhanth Kotian , Predictive Analysis for Diabetes Using Tableau. International Journal on Recent and Innovation Trends in Computing and Communication, 6(6), 230–232. 2018 <https://doi.org/10.17762/ijritcc.v6i6.1663>.
13. Mr. Adrian Viegas, Mrs. Dhanamma Jagli, “Analysis of Cloud Services," International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 04, Issue: 06, June 2017. **(UGC)**.
14. Jubin Luckose, Sameer Chindarkar, and Dhanamma Jagli, “Cloud Service Security using Two-factor or Multi-factor Authentication," International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 06 | June 2017 **(UGC)**.
15. Manish Krishwani, Dhanamma Jagli, “Challenges in Implementing Enterprise Resource Planning (ERP) Systems in Big Firms," International Journal for Research in Applied Science

& Engineering Technology (IJRASET), Page No. 1781-1788, Volume 5, Issue 6, Year of Publication: 2017. **(UGC)**.

16. Dhanamma Jagli, Dr. (Mrs.) Seema Purohit, Dr. N. Subhash Chandra, "Implementation of PAM Cluster for Evaluating SaaS on the Cloud Computing Environment," IOSR Journal of Engineering (IOSRJEN), Vol. 08, Issue 4, PP 84-88, April. 2018. **(UGC)**.
17. Dhanamma Jagli, Prajwal Jumde, Suysah Kholapure, and Roma Motwani, "Analysis of the Social Media Role in Smart Learning," Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue 5, 2019 JETIR May 2019. **(UGC)**.
18. Dhanamma Jagli, Jehan Vapiwala, "Scrum Methodology Intended for Meetings," IOSR Journal of Computer Engineering (IOSR-JCE), e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 21, Issue 3, Ser. VI, pp. 31-33, May - June 2019. **(UGC)**.
19. Dhanamma Jagli, Anikesh S M, Adhitya M Nair, and Balraj Gowda, "Detection of Duplicate Question in Quora Using R Programming," IOSR Journal of Engineering (IOSRJEN), www.iosrjen.org ISSN (e): 2250-3021, ISSN (p): 2278-8719, Vol. 10, Issue 2, February 2020. **(UGC)**.
20. Priyal Danani, Lakshmipriya Kolathappilly, Dhanamma Jagli, "Security in BlockChain," International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 9, Issue 7, July 2021 **(UGC)**.
21. Vinayak Padgaonkar, Rushabh Uchibagle, and Dhanamma Jagli, "Comparison between Scaling Horizontally and Scaling Vertically in Cloud Computing," International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 9, Issue 7, July 2021 **(UGC)**.
22. Avinash, Shrestha Upadhyay, and Dhanamma Jagli, "User Retention," International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 9, Issue 7, July 2021 **(UGC)**.
23. Dhannama Jagli, Asmeeta Panchal, and Nishant Bhandary, "Brain Chip: Controlling the Human Body with a Nanochip," International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 9, Issue 7, July 2021 **(UGC)**.
24. Dhanamma Jagli, Aishwarya Admuthe, Mayur Nagraj, "Ad hoc network in road safety and traffic management," International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 9, Issue 7, July 2021. **(UGC)**.
25. Gauri Shetye, Nandini Sonar, and Dr. Dhanamma Jagli, "Blockchain-based Self-Sovereign Identity Management System," International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 10 Issue 6 , Year of Publication: 2022 **(UGC)**.
26. Devang V Chandivade, Dhanamma Jagli, "A study on Digitization of Ration Card," International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: Volume 10, Issue 6, June 2022. **(UGC)**
27. Adesh Hemwani, Ninad Parab, and Dhanamma Jagli, "A Comprehensive Study on Web 3.0," International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 10, Issue 6, June 2022. **(UGC)**.
28. Uddhav Deorukhkar, Aditi Upadhyaya, and Dr. Dhanamma Jagli, "Transforming Healthcare System through AI Sustainability: Chatbots and Emergency Assistance," International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; Volume 11 Issue VI, June 2023 **(UGC)**.

● **Journal Publications: (Peer-reviewed)**

29. Jagli, Dhanamma; Chandra, N Subhash; and Purohit, Seema , "A Hybrid Clustering Model to Evaluate Quality of Software Services on Cloud Environment," published in CVR Journal of Science and Technology, Volume 15, Page No. 30-33. Year of Publication: December 2018.
30. Aditi A Prabhudesai, Chaitali Deshpande, and Dhanamma Jagli, Rural Health Analytics. International Journal of Computer Applications 177(7):14-17, November 2017. [DOI: 10.5120/ijca2017915796](https://doi.org/10.5120/ijca2017915796) (Cross Ref).
31. Dhanamma Jagli, Purohit, Seema, and Chandra, Subhash, "Evaluating Service Customizability of SaaS on the Cloud Computing Environment," International Journal of Computer Applications (0975–8887), Volume 141, 9 May 2016. [DOI:10.5120/ijca2016909800](https://doi.org/10.5120/ijca2016909800) (Cross Ref).
32. Dhanamma Jagli, Seema Purohit, and Subhash N. Chandra. Comparative Clustering Approach Intended for Evaluating SaaS. International Journal of Computer Applications 169(8):13-16, July 2017. [DOI: 10.5120/ijca2017914679](https://doi.org/10.5120/ijca2017914679). (Cross Ref).
33. Dhanamma Jagli and Shireesha Yeddu. CloudSDLC: Cloud Software Development Life Cycle. International Journal of Computer Applications 168(8):6-10, June 2017. [DOI: 10.5120/ijca2017914468](https://doi.org/10.5120/ijca2017914468). (Cross Ref).
34. Dhanamma Jagli & Tawde, Krutika & Musale, Pratima & Muthukumar, Swathi. (2016). Survey Surfer: A Web-Based Data Gathering and Analysis Application. Advanced Computational Intelligence: An International Journal (ACII). July 2016. [DOI: 10.5121/acii.2016.3302](https://doi.org/10.5121/acii.2016.3302). (Cross Ref).
35. Dhanamma Jagli, Rohini Temkar, "The Unified Approach for Organizational Network Vulnerability Assessment," International Journal of Software Engineering & Applications (IJSEA), Vol. 4, No. 5, September 2013. [DOI: 10.5121/ijsea.2013.4503](https://doi.org/10.5121/ijsea.2013.4503) (Cross Ref).
36. Dhanamma Jagli, Ramesh Solanki, Rohini Temkar, and Laxmi Veshapogu, "Semi Symmetric Method of San Storage Virtualization," International Journal of Information Technology Convergence and Services (IJITCS) Vol. 2, No. 6, December 2012. [DOI:10.5121/ijitcs.2012.2603](https://doi.org/10.5121/ijitcs.2012.2603) (Cross Ref).
37. Dhanamma Jagli, Mamatha T., Swetha Mahalingam, and Namrata Ojha, "The Application of Cause Effect Graph For The College Placement Process," International Journal of Software Engineering & Applications (IJSEA), Vol. 3, No. 6, November 2012. [DOI: 10.5121/ijsea.2012.3606](https://doi.org/10.5121/ijsea.2012.3606) (Cross Ref).
38. Dhanamma Jagli, Sangeeta Oswal, "Web Usage Mining: Pattern Discovery and Forecasting," Journal reference: IFRSA International Journal of Data Warehousing & Mining, Vol. 2|issue4|November 2012, <https://doi.org/10.48550/arXiv.1310.2375>
39. Jagli, D., Solanki, R., Temkar, R., & Veshapogu, L. (2013). Semi-Symmetric Method of SAN Storage Virtualization. arXiv preprint arXiv:1310.2369. vol. 2, no. 6, December 2012, page no. 23-29, DOI: 10.5121/ijitcs.2012.2603.
40. Jagli, D., Mahalingam, S., & Ojha, N. (2012). "The application of the cause-effect graph for the college placement process" The International Journal of Software Engineering & Applications (IJSEA) Vol. 3, No. 6, Page No. 77-85, November 2012.

41. Mrs. Dhanamma Jagli, Ms. Priyanka Gaikwad, Ms. Shubhangi Gunjal, and Mr. Chaitanya Bilaware, "Handy Annotations within Oracle 10g," International Journal of Scientific & Engineering Research-IJSER (ISSN 2229-5518), Volume 4, Issue 1, January 2013.
42. Jagli, Dhanamma, and Akanksha Gupta. "Clustering Model for Evaluating SaaS on the Cloud." International Journal of Application or Innovation in Engineering & Management 2.12 (2013).
43. Ajay Giri, Dhanamma Jagli, Nilesh Shelar Ajit Panada, Vishal Gawde (2014). Venom detector: A smart approach to detect snake venom. Int. J. Comp. Sci. Inf. Tech, 5, 35., 2014.
44. Jagli, M., Patel, M., Tambe, C., Gauda, S., & Rawool, S. Intranet Mailing System. International Journal of Scientific & Engineering Research, Volume 5, Issue 2, February 2014
45. Sachin Menon, Dhanamma Jagli, "Applications of Internet of Things (IoT) in Sports World," International Journal of Advance Research in Computer Science and Management Studies, Volume 4, Issue 6, pg. 173-178, June 2016.
46. Rohit Suvarna, Sushant Kawatkar, and Dhanamma Jagli, "Internet of Medical Things [IoMT]," International Journal of Advance Research in Computer Science and Management Studies, Volume 4, Issue 6, page no.: 179-182, June 2016.
47. Sachin Menon, Dhanamma Jagli, "Applications of Internet of Things (IoT) in Sports World," International Journal of Advance Research in Computer Science and Management Studies, Volume 4, Issue 6, June 2016.
48. Haryani, N., & Jagli, D. (2014). Dynamic method for load balancing in cloud computing. IOSR Journal of Computer Engineering (IOSR-JCE), 16(4), 23-28, Year 2014.
49. Waghmare, Ms. Sheetal, Mr. Ramesh Solanki, and Mrs. Dhanamma Jagli. "A Dynamic System for Web CMS", International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 3 Issue 11, November 2014.
50. Gangan, Shruti, Tina Gyanchandani, and Dhanamma Jagli. "Understanding SQL Injection Attack Techniques and Implementation of Various Methods for Attack Detection and Prevention." IJSRD, International Journal for Scientific Research & Development, Vol. 3, Issue 04, June 2015.
51. Jathanna, Rohan, and Dhanamma Jagli. "Cloud computing and security issues." International Journal of Engineering Research and Applications 7.6 (2017): 31-38.
52. Jagli, M. D., Tawde, M. K., Musale, M. P., & Muthukumar, M. S. Survey Surfer: A Web-Based Data Gathering And Analysis Application, Advanced Computational Intelligence, An International Journal (ACII), Vol. 3, No. 3, July 2016, Page Nos. 9-15, DOI:10.5121/acii.2016.3302.
53. Jagli, Mrs. Dhanamma, and Mrs. Meenakshi Garg. "Decision Tree Classification of Students Placement Factors Using R Data Miner, IOSR Journal of Computer Engineering (IOSR-JCE) , Volume 19, Issue 2, Ver. II (Mar.-Apr. 2017), pp. 68-72.
54. Rane, Nitish Arun, and Dhanamma Jagli. "Detection and Tracking Infected Using IoT in the COVID-19 Pandemic." Journal Name: International Research Journal of Engineering and Technology (IRJET) Page No. of Published Paper: Volume: 07 Issue: 09 | Sep 2020 Date and Year of Publication: 12th September 2020.
55. Jagli, Dhanamma, and Vishal Saroj Gupta. "Comparative Study On Various Algorithms For Detection Of Fake Job Postings." (2020)., International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 09 | Sep 2020.

56. Mrs. Dhanamma Jagli, Dr. (Mrs.) Seema Purohit, Dr. N. Subhash Chandra, "EEM Clustering Model for Evaluating SaaS on Cloud Computing Environment," IOSR Journal of Computer Engineering (IOSR-JCE), E-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 20, Issue 2, Ver. II (Mar.-Apr. 2018), PP 67-72.
57. Jagli, P. M., & Shetty, M. P. (2019). Human Emotion Recognition using Machine Learning. International Journal of Trend in Scientific Research and Development, 101-103. International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 3 Issue 5, July-August 2019.
58. Pratik D. Thorat, Dhanamma Jagli, "Customer Behavior Analysis: Identification of Risky Customers Based on Their Purchase Product on E-Commerce." International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 09 | Sep 2020.
59. Dhanamma Jagli, Nitish Surve, "Improving GUI Standards with Human-Computer Interactions," International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 09 | Sep 2020.

● International Conference Publications:

1. An Efficient Selective Features Approach to Detect Hypothyroid Using Machine Learning , Chandra, N.S., Dhanikonda, S.R., Jagli, D., Siddhartha, N. (2024). International Conference on Computer & Communication Technologies. IC3T 2023: Proceedings of the Fifth International Conference on Computer and Communication Technologies, pp. 297–308 **(Scopus Indexed)**.
2. Security Hazards of Social Media and Their Resolutions, Aswal, N., Kale, A., Jagli, D., Solanki, R. Proceedings: 2022 Algorithms, Computing and Mathematics Conference, ACM 2022, 2022, pp. 48–53. **(Scopus Indexed)**.
3. Improving Lifestyle of Visually Impaired People Using Virtual Reality Bajaj, C., Shinde, S., Jagli, D., Chandra, S. CEUR Workshop Proceedings This link is disabled., 2022, 3445, pp. 27–32. **(Scopus Indexed)**.
4. Jagli Dhanamma, Seema Purohit, S. Agale, and T. Kahar Dinesh, Smart Farming Using Artificial Intelligence, . CEUR Workshop Proceedings This link is disabled. 2022, 3445, pp. 51–58. **(Scopus Indexed)**.
5. Jagli, D., Purohit, S. Chandra, and N.S. Saasqual: A quality model for evaluating SAAS on the cloud computing environment. Advances in Intelligent Systems and Computing, 2018, 654, pp. 429–437. **(Scopus Indexed)**.
6. Dhanamma Jagli, Seema Purohit, and Subhash Chandra, fuzzy clustering algorithm intended for mining software services on the cloud, International Conference on Advances in Computing, Communication, and Control 2017, ICAC3 2017, 2017, 2018-January, pp. 1–4. **(Scopus Indexed)**.
7. Sangeetha Prasanna Ram, Jayalekshmi Nair, Vivek Singh, Dhanamma Jagli, S. Ganesan and S.V. Suryanarayana, "Application of Machine Learning Algorithms for Experimental Data Processing and Estimation of $^{96}\text{Mo}(n, p)^{96}\text{Nb}$ reaction Cross Section," EPJ Web of Conf., Volume 284, 2023 15th International Conference on Nuclear Data for Science and Technology (ND2022). Published online: 26 May 2023. **(Web of Science)**. DOI: 10.1051/epjconf/202328416005
8. Jagli, Dhanamma, Seema Purohit, and Subash Chandra Nalla. "Implementation of K-means clustering for evaluating SaaS on the cloud computing environment." 2016 International

Conference on ICT in Business Industry & Government (ICTBIG). IEEE, 2016. **(Scopus Indexed)**.

9. Dhanamma Jagli, Seema Purohit, Subhash Chandra, N., "SaaS CloudQual: A Quality Model for Evaluating Software as a Service on the Cloud Computing Environment," Lecture Notes in Networks and Systems 2017, 8, pp. 73–80. **(Scopus Indexed)**.
10. Dhanamma Jagli, Seema Purohit, Subhash Chandra, "Acquisition for Electronic Health Records on Cloud," Procedia Computer Science, 2017, 112, pp. 1909–1915. (Scopus Indexed).
11. Haryani, N., Tikku, N., and Jagli Dhanamma, Cloud workload management and utilization measurement using host controllers and even distribution criteria. Proceedings of the 2014 IEEE International Conference on Advances in Communication and Computing Technologies, ICACCCT 2014, 2015, 7230737. **(Scopus Indexed)**.
12. Priya, R. L., C. S. Lifna, Dhanamma Jagli, and Anooja Joy. "Rational unified treatment for web application vulnerability assessment." In 2014 International Conference on Circuits, Systems, Communication, and Information Technology Applications (CSCITA), pp. 336-340. IEEE, 2014. **(Scopus Indexed)**.
13. GRAF password for more secure user authentication (Conference Paper) Temkar, R., Shejy, G., Jagli, D. 3rd International Conference on Advances in Computing, Communication, and Control, ICAC3 2013; Mumbai, India; 18 January 2013 through 19 January 2013; Code 94977, Volume 361 CCIS, 2013, Pages 39-44. **(Scopus Indexed)**.
14. Sangita, Oswal, and Jagli Dhanamma. "An improved k-means clustering approach for teaching evaluation." International Conference on Advances in Computing, Communication, and Control. Berlin, Heidelberg: Springer Berlin Heidelberg, 2011. ICAC3 2011; Mumbai, India; 28 January 2011 through 29 January 2011; Code 83715. **(Scopus Indexed)**.
15. Priya, R. L., and Dhanamma Jagli. "Creation of a Test Bed Environment for Core Java Applications using White Box Testing Approaches." CS & IT Conference Proceedings. Vol. 2. No. 4. CS & IT Conference Proceedings, 2012.
16. Dhanamma Jagli, Sunita Mahajan, and Dr. N. Subhash Chandra. "CBC approach for evaluating potential SaaS on the cloud." international conference proceedings, VESIT I-TechCON 2014, 3rd to 4th January 2014, Page No. 43-49.
17. Dhanamma Jagli, Yogesh Jeswani "ICT Application for Academic Enhancement of Student's Learning Process, International Conference on ICT for Organizational Effectiveness, Organized By NCRD's Sterling Institute of Management Studies from 14th to 16th March, 2019. Pageno: 91-93.

● **National Conference Publications:**

18. Dhanamma Jagli, Mutreja, S., Khatri, V., Khubnani, G., Tailors, G., Nagar, N., Statue, N. S. V., & Maidan, G. Implementation of Decision Tree for Scrutinizing Student Results. at national conference YMT College 23rd March 2013.
19. Mrs. Dhanamma Jagli, Ms. Vishakha Narendra Vakte, "Application of K-means Clustering Intended for Placement Process," at the national conference YMT College 23rd March 2013.
20. Jagli, Dhanamma, and Shaheen Shaik. "The Unified Process for Network Vulnerability Assessment." Proceedings of the National Conference on Emerging Trends: Innovations and Challenges in IT, Vol. 19, 2013.

21. Jagli, Dhanamma, and Sangeeta Oswal "DataStage Accelerator." Proceedings of the National Conference on Emerging Trends: Innovations and Challenges in IT. Vol. 19, 2013.
22. Jagli, Dhanamma, Ramesh Solanki, and Parth Chandarana. "Payroll Management System as SaaS." Proceedings of the National Conference on New Horizons in IT-NCNHIT. 2013.
23. Mrs. Dhanamma Jagli, Dr. Sunita Mahajan, and Dr. N. Subhash Chandra. "Exploring Clustering Algorithms Intended for Mining Data Streams." Proceedings of the National Conference on New Horizons in IT-NCNHIT. 2013.
24. Dhanamma Jagli, Rinkesh Yadav, Nilesh Sharma, "E-SaaS Cloud: Smart Service for Educational Institute," National Level Conference on Evolving as a Smart College: Concept Opportunities and Challenges, Organized By V.E.S. College of Arts, Science & Commerce on 17th & 18th February, 2016 Page Nos. 76-79.

- **Books:** Authored book titled Computer Vision Algorithms and Applications step-by-step, Hands-On, co-authored by Dr. Subhash Chandra. 2023.Lulu Publisher.

- **Book Chapters:**

- Book Chapter • Open Access "SaaS CloudQual: A Quality Model for Evaluating Software as a Service on the Cloud Computing Environment Jagli, D., Purohit, S., Subash Chandra, N. Lecture Notes in Networks and Systems, 2017, 8, pp. 73–80.
- "Data Science in the Field of Finance," Book Chapter IIPV3EBS09_G19, Futuristic Trends in Artificial Intelligence," under Volume 3, 2023, IIP Series, Volume 3, Book 6, Part 2, Chapter 2, Page No. 38-47.
- "A Comparative Analysis of Nominal Encoding Techniques for Binary Classification Tasks," Book Chapter IIPV3EBS09_G19, Futuristic Trends in Artificial Intelligence" under Volume 3, 2023, IIP Series, Volume 3, Book 6, Part 2, Chapter 1,, Page No. 25-37.

Patent Details:

- Fully automatic fruit grader and Quality Analyzer, Application Number: 463977-001,Application Under Proces.
- Fully automatic fruit graderand Quality Analyzer with solar panel, Application Number: 463973-001,Application Under Proces.
- Big Data analytics design model for customer analysis, publication date: 13-01-2023.
- Mdl-Crowd Notification: Crowd Tracking and Notification Using IoT-based Machine, Deep Learning Programming/Filed. Publication date: 22-05-2020.

Professional Activities:

National-level Advisory Boards / Committees:

- Review member of the Journal of Emerging Technologies and Innovative Research (UGC Care) since 4th October 2023
- Technical Reviewer for International Conference on Computational Intelligence, Networks, and Security ICCINS-2023 (Hybrid Mode) on 22nd and 23rd December 2023.

- Technical program committee member and reviewer for the 2nd International Conference on Advancements in Smart Computing and Information Security (ASCIS), organized by Marwadi University, Gujarat, on December 8th and 9th, 2023.
- Advisory Committee member of the 3rd International Conference on ICT in Business Industry & Government ICTBG-2023 held on 8th-9th December 2023.
- Program Committee Member for the 3rd International Conference on Data Science & Big Data Analytics (IDBA-ACMWIR 2023) as held on 16th-17th June 2023.
- Session Chair for Online International Conference. On. Emerging Trends: Innovations & Challenges in Information Technology and Management. ICET 2022 (BVIMIT ICET 2022) on 24th & 25th June 2022.
- Conducted "Academic Administrative Audit (AAA) of the Department of MCA," NMITD, Dadar, on 21st September 2018.
- Technical Reviewer of the Asian Journal of Research since 2017.
- MCA Curriculum Development for Sardar Patel Institute of Technology, Autonomous Institute Affiliated to Mumbai University 2016.
- Curriculum development for MCA curriculum, University of Mumbai since 2011.

Professional Efficiencies:

- Excellent relationship builder with students, faculty, and administration.
- Excellent intra- and interpersonal writing, verbal communication, and research skills
- Ability to teach with innovative and interactive methods
- Creative, Initiative, and Confidence in taking on challenging work.

Membership of Professional Societies:

- Mendeley Advisor of Elsevier
- Life member of the Computer Society of India (CSI).
- Life member of the Indian Society of Technical Education (ISTE)
- Member of the Indian National Science Congress Association.
- Approved Innovation Ambassador.

ATAL FDPS Attended:

1. Attended ATAL FDP on Leadership and Excellence organized by Alagappa University Online from 25th September to 29th Sep 2020 sponsored by AICTE.
2. Attended ATAL FDP on Productivity Enhancement organized by NIT Warangal Online from 3rd November to 7th November 2020 sponsored by AICTE.
3. Attended ATAL FDP on Team Building and Contribution organized by Gandhi Institute of Technology and Management (GITAM) Online from 15th February to 19th Sep 2021 sponsored by AICTE.
4. Attended One Week STTP On BlockChain and Its Applications Organized By VESIT, 1 Week (29/3/2021 to 3/4/2021) AICTE Sponsored.

5. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Machine Learning Concepts with Python" from 2021-07-05 to 2021-07-09 at Government Polytechnic Gandhinagar.
6. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Productivity Enhancement through Effective Stress Management" from 15/10/2021 to 19/10/2021 at the Indian Institute of Technology Guwahati.
7. Participated and Successfully Completed ATAL FDP on Artificial Intelligence & Data Science: Perspective, Pedagogy, Practices from 21st August 2023 to 25th August 2023 Organized by Jio Institute, Ulwe Navi Mumbai.
8. Successfully participated in and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on Tools and Techniques for Modern Data Science at Vivekanand Education Society's Institute Of Technology from 18/12/2023 to 23/12/2023.

Research Profile:

- <https://www.scopus.com/authid/detail.uri?authorId=55558153800>
- <https://www.webofscience.com/wos/author/record/D-7365-2019>
- <https://orcid.org/0000-0001-6356-352X>
- <https://scholar.google.com/citations?user=Xp1hA20AAAAJ&hl=en>

STTPs/FDPS Attended:

9. Attended a 6-day short-term training Programme on “Java Technologies” organized by V.E.S.I.T., Chembur, from 27th July 2009 to 1st August 2009.
10. Attended an 8-Day Short-Term Training Programme on “IBM Rational Rose” in V.E.S.I.T., Chembur, from 16th February 2009 to 19th February 2009.
11. Attended a 5-Day Short-Term Training Programme course on “Advanced Web Technologies” organized by the Computer Department, V.E.S.I.T., Chembur, from 9th to 13th January 2012.
12. Attended a two-week STTP approved by ISTE on “Cloud computing, network security, and Ethical hacking” “organized by Thakur College of Engineering & Technology, Kandivali, Mumbai, from 24th December 2012 to 4th January 2013.
13. Attended One Week STTP Sponsored by ISTE-SRM on “Advancement in Cloud Computing,” organized by Saraswati College of Engineering, Navi Mumbai, from 13th May 2013 to 18th May 2013. (Sponsored by ISTE)
14. Attended FDP on “Research Problems in Computer Science and IT,” organized by the Department of Computer Engineering, Fr. RCE, Bandra, 30th August 2013.
15. Attended a 6-day “Research Methodology Course” conducted by the JNT University from 16th December to 21st December 2013 at the JNTU campus in Hyderabad.
16. Two two-week ISTE-approved short training programs on “SMAC: Technology Enhancement Program for Next Generation,” conducted by VESIT from 1st July 2014 to 11th July 2014.
17. Attended “Big Data Analytics,” an ISTE-approved STTP organized by the Department of Computer Engineering, Information Technology, and Master of Computer Application from 4th January 2016 to 9th January 2016 at VES Institute of Technology, Chembur.
18. Attended FDP on “Arohan”—conducted at VESIT from 4th-9th July 2016.
19. Attended STTP on “IT Innovations ”at VESIT, Chembur, from 5th Jan to 11th Jan 2017.
20. Attended AICTE-sponsored STTP on Open Source Technologies for Engineering Education organized by Don Bosco Institute of Technology from 2nd January to 6th January 2018
21. Attended the 2-Day Accenture Learning Symposium by Accenture at Mukesh Patel College of Engineering, Vile Parle, Mumbai, on 5th and 6th February 2018.
22. AICTE-sponsored STTP on “Open Data Science with IoT,” conducted from 25th June 2018 to 30th June 2018 at Vidyalankar Institute of Technology, Wadala (east), and Mumbai.
23. National Programme on Technology Enhanced Learning (NPTEL) 12 Weeks completed in the subject “Software Testing” with Elite Performance from July to October 2018.
24. National Programme on Technology Enhanced Learning (NPTEL) 8 Week completed in the subject “Introduction to Machine Learning” with Elite Performance from August to October 2018.
25. Attended One week of online FDP on R Programming organized by PVPP College of Engineering in association with Spoken Tutorial Project, IIT Bombay, from 27th April to 2nd May 2020.
26. Attended One week of online FDP on Current Trends and Future Technologies in Computing by Usha Pravin Gandhi College in association with UDIT, University of Mumbai, from 8th May to 13th May 2020.

27. Attended One week of online STTP on "DATA SCIENCE WITH PYTHON," organized by TERNA COLLEGE OF ENGINEERING in association with CSI, from 18th May to 22nd May 2020.
28. Attended One week of online STTP on "PHP AND MYSQL," organized by JNTU College of Engineering, Hyderabad, in association with Spoken Tutorial IIT Bombay, from 18th May to 23rd May 2020.
29. Attended a one-week online STTP on "Artificial Intelligence," organized by the University College of Engineering Department of Information Technology, Universal College of Engineering under IQAC in collaboration with Brain OVision Solutions India Pvt. Ltd., from 22nd May to 26th May, 2020.
30. Attended One week of online STTP on "DATA SCIENCE" organized by the Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Mumbai, from 26th May to 30th May 2020.
31. Attended One week of online STTP on "Advances in the Internet of Things" organized by the Department of Electronics and Computer Science at Fr. Conceicao Rodrigues College of Engineering, Bandra, MUMBAI, 29th May to 2nd June 2020
32. Attended one-week online STTP on "EVOLUTION FROM OFFLINE TO ONLINE," Satish Pradhan Dnyanasadhana College Thane, Mumbai, YCMOU, Microsoft, and 30th May to 3rd June 2020.
33. Attended a one-week online STTP on "Python Basics, Machine Learning, & Blockchain," organized by K J SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY, SION, MUMBAI, from 8th June 2020 to 13th June 2020.
34. Attended One week of online STTP on "Recent Trends and Application of Machine Learning and Deep Learning in IT," organized by the Department of Information Technology, RAIT College of Engineering, NAVI Mumbai, from May 25 to May 29, 2020.
35. Attended a one-week online STTP on "Software as a Service" organized by Annasaheb Dange College of Engg. & Technology, Ashta, Sangli, from 5th to 7th June 2020.
36. Attended One week of online STTP on "IOT AND ITS APPLICATIONS IN INDUSTRY" organized by the Department of Instrumentation, RAIT College of Engineering, NAVI Mumbai in association with Automation Pvt Ltd. from 8th to 12th June 2020.
37. Attended One week of online STTP on "LATEX FOR EVERYONE," organized by the Department of Engineering Sciences, RAIT College of Engineering, NAVI Mumbai, from 18th to 20th June 2020.
38. "Attended One week of online STTP on "Python Basics, Machine Learning, & Blockchain" organized by the Computer Engineering Department of K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai, from 8th June 2020 to 13th June 2020.
39. Attended three-day online FDP on "Gramin Vikas," organized by UBA Cell RGIT, from 25th June to 27th June 2020
40. Attended a three-day online FDP on "IT for Sustainability," Thakur Institute of Management Studies, Career Development, Mumbai, in association with Spoken Tutorial IIT Bombay, 15th June to 20th June 2020.
41. Attended a three-day online FDP on "Outcome-Based Education & NBA" organized by R&D Cell & IQAC of Shree. L. R. Tiwari College of Engineering, Thane, Mumbai, from 29th June to 03rd July 2020.

42. Attended a three-day online FDP on "Universal Human Values," organized by Mumbai University in collaboration with AICTE from 2nd July to 6 July 2020.
43. Attended AICTE-sponsored online STTP on BlockChain and Its Applications Organized By VESIT 29/3/2021 to 3/4/2021.
44. Attended ATAL FDP on Leadership and Excellence organized by Alagappa University Online from 25th September to 29th Sep 2020 sponsored by AICTE.
45. Attended ATAL FDP on Productivity Enhancement organized by NIT Warangal Online from 3rd November to 7th November 2020 sponsored by AICTE.
46. Attended ATAL FDP on Team Building and Contribution organized by Gandhi Institute of Technology and Management (GITAM) Online from 15th February to 19th Sep 2021 sponsored by AICTE.
47. Attended Online FDP on "Research in Engineering: A Way Forward" conducted by A. P. Shah Institute of Technology, Thane, 1 week (6th to 10 July 2020)
48. Attended FDP on 'Python Programming' organized by the department of CSE K.L. Deemed University in association with Spoken Tutorial IIT Bombay. 4 Days (15th July to 18th July 2020).
49. Attended FDP on "Professional Development of Women Engineers in Post-Covid Era," organized by Women Cell MBITS, Kerala. 3 Days (20th to 22 July 2020).
50. Attended FDP on "Research Directions in Security and Computational Intelligence, organized by VESIT in association with CSI Week (from 3rd August to 8th August 2020.)
51. Attended STTP on the Green Internet of Things (Phase III). Organized by the Department of Electronics and Telecommunication in collaboration with the Department of Electronics and Department of Instrumentation, VESIT, 1 week (from 7th to 12th December 2020.) AICTE sponsored.
52. Attended FDP on "Latest Trends in Computer Vision Technology and Applications." Organized by the Department of ECE, Anurag University, Hyderabad, 3 days (27th July to 2nd July 2020).
53. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Team-building and Coordination" from 2021-2-15 to 2021-2-19 at GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, GITAM, HYDERABAD.
54. Attended One Week STTP On BlockChain and Its Applications Organized By VESIT, 1 Week (29/3/2021 to 3/4/2021) AICTE Sponsored.
55. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Machine Learning Concepts with Python" from 2021-07-05 to 2021-07-09 at Government Polytechnic Gandhinagar.
56. participated and completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education," organized by the All India Council for Technical Education (AICTE) from 2 August 2021 to 6 August 2021.
57. One-week Virtual Training on "Sales Force Technology—Admin," organized by the Department of Information Technology, Nagpur Institute of Technology, Nagpur, from 4th September to 11th September 2021
58. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Productivity Enhancement through Effective Stress Management" from 15/10/2021 to 19/10/2021 at the Indian Institute of Technology Guwahati.

59. One week of Virtual Training on “Personality Development,” organized by the Department of Information Technology, Nagpur Institute of Technology, Nagpur, from 18th August to 25th August 2021.
60. Completed the AICTE-ISTE-approved orientation/refresher Program on "Artificial Intelligence and Robotic Process Automation: Tools, Techniques, Challenges, and Solutions" held from 19.01.2022 to 25.01.2022 organized by Sardar Patel Institute of Technology, Mumbai, Maharashtra.
61. Participated in the One Week Online Faculty Development Program on "Computer Vision & Deep Learning," organized by the Department of Computer Engineering, V. E. S. Polytechnic, in association with CSI Chapter from 17 May 21, 2022.
62. Two-day workshop on 'Improving Research & Performance Outcomes' at Elsevier's Zoom webinar on Thursday, 19 August 2021
63. Participated in the Online Training Programme on “Open Educational Resources and Libraries” conducted by this Institute from 23.08.2021 to 27.08.2021 (one week) organized by NITTTR Chennai.
64. Attended the Five-Day International Workshop on Multidisciplinary Applications of Artificial Intelligence for Innovation and Research, "held from 10.10.2022-14.10.2022 at Adamas University.
65. Attended six days of STTP on Leadership Development Program organized by We School Mumbai from 30th January to 4th February 2023.
66. Attended 2 weeks of the STTP Annual Refresher Programme in Innovation of Technological Advancement. A refresher program, ARPITA 2023 organized by the Department of Information Technology in association with IQAC, Haldia Institute of Technology, during 2nd–14th January 2023. ARPITA 2023.
67. Completed the Five-Day International Faculty Development Programme on Future Proofing Technology: Navigating Emerging Trends in Computing and Security, organized by Adamas University from 24 to 28 July 2023.
68. attended a five-day faculty development program for “Innovation in Recent Trends and Research Application on Computing and Informatics” organized by the Department of Information Technology in association with IQAC, Haldia Institute of Technology, from 31st July to 4th August 2023.
69. Successfully participated in and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on Tools and Techniques for Modern Data Science at VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY from 18/12/2023 to 23/12/2023.
70. Participated in a 10-hour International Faculty Development Program on Awarded to AI and Gen AI with Industry Application organized by the MIT Academy of Engineering (MIT AOE). Autonomous, Maharashtra The National Institute of Engineering—MYSORE Narasaraopeta Engineering College Autonomous Andhra Pradesh Matrusri Engineering College Autonomous-Telangana in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 16th July to 22nd July 2024.

