

Ms. Shraddha Subhash More
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Pursuing Ph.D. (Technology)
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ACADEMIC BACKGROUND

- **Pursuing Ph.D. (Technology)** from Thakur College of Engineering and Technology, Kandivali
- M.E. in Information Technology, Thakur College of Engineering and Technology, Kandivali (2015)
- B.E. in Information Technology, Vidyavardhini's College of Engineering and Technology, Vasai (2011)

RESEARCH/AREA OF INTEREST

- ✓ On-Device Machine Learning
- ✓ Computer Vision
- ✓ Data Science
- ✓ Machine Learning
- ✓ Internet Programming
- ✓ Python Programming
- ✓ Network Security
- ✓ Digital Logic Design
- ✓ Big Data Analytics
- ✓ MERN/MEAN Stack Development

WORK EXPERIENCE

- ✓ **Total Academic Experience: 12 Years**
- Assistant Professor at St. John College of Engineering and Management (from June 2015 to till date).
- Lecturer at Universal College of Engineering, Vasai (from June 2014 to June 2015).
- Lecturer at St. John College of Engineering and Management (from November 2011 to June 2013).

AFFILIATIONS WITH PROFESSIONAL BODIES

- ✓ Life Member of ISTE
- ✓ Life Member of IAENG

RESEARCH PUBLICATIONS (Total: 42 Publications)

✓ Journals (National and International):

1. **Shraddha S. More**, Akash Patel, Heenal Patel, Sushma Kumbhar, "OBJECT DETECTION BASED SECURITY SURVEILLANCE SYSTEM", Journal of Data Acquisition and Processing, 2024, 39 (1): 1516-1527. **(Scopus Indexed Q4)**
2. **Shraddha S. More**, Divesh S. Karkera, Shreyash K. Pandey, Tanuja Nehra, Rishikesh Prabhupatkar, "MASKED FACE RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK", Flusser Studies (UGC Care Listed Journal), ISSN 1661-5719, Volume-30, pp. 612-625, July, 2021.
3. **Shraddha S. More**, Divya Shetty, Janhvi Shinde, Vrishali Bhujang, "Diabetic Retinopathy Detection using Deep Learning", GIS SCIENCE JOURNAL (UGC CARE Approved GROUP-II), VOLUME 8, ISSUE 4, April 2021, pp. 1329-1340.

4. **Shraddha S. More**, Sejal Chaudhari, Tejal Girase, Saloni Wade, “*AUGMENTED REALITY BROWSER-TRAIPISE*”, Compliance Engineering Journal (CEJ), Vol.11, Issue 5, May-2020, pp.331-342.
5. **Shraddha S. More**, Pooja Poojary, Avinash Gaud, Dhaval Patel, “*Estimating Uncertainty of Bus Arrival Time by Examining Environmental Conditions*”, Studies in Indian Place Names, Vol.40, Issue 68, March 2020, pp.415-423.
6. Pravin Kamble, Anita Chaudhari, **Shraddha More**, Sushil Khane, Hemali Mane, “*Object Detection using Convolutional Neural Network in the Application of Supplementary Nutrition Value of Fruits*”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.8, Issue 11, Sept-2019, pp.725-729. ((**Scopus Indexed**))
7. **Shraddha S. More**, Rajat Mistry, Mayuresh Pachangane, Amogh Kini, Rishikesh Bhosale, “*Automated Gaming Using a Machine Learning Approach*”, IOSR Journal of Computer Engineering (IOSR-JCE), Vol. 21, Issue 3, June 2019, pp. 01-05.
8. **Shraddha S. More**, Vrushi Shirodkar, Raunak Joshi, Nrupali Thakur, “*Overcoming the Drawbacks of Convolutional Neural Network Using Capsule Network*”, IOSR Journal of Computer Engineering (IOSR-JCE), Vol.21, Issue 2, Apr 2019, pp.06-11.
9. **Shraddha S. More**, Smital Bari, Purva Patil, Srushti Raut, “*Robotic Jaw for Object Sorting using Raspberry pi*”, IOSR Journal of Computer Engineering (IOSR-JCE), Vol.17, Issue 5, Mar 2019, pp. 01-07.
10. **Shraddha S. More**, Dr. Rajesh Bansode, Anita Chaudhari, Aruna Pavate, Brinzal Rodrigues, “*Android-Based Heart Monitoring Systems*”, IOSR Journal of Engineering (IOSRJEN), Feb-2019, pp.28-33.
11. **Shraddha More**, Jigar Maniyar, Mrunmayee Vartak, Prasobh Nair, Chirag Raul, “*Online Biometric Verification using Apache Storm on Public Cloud*”, International Journal of Recent Trends in Engineering & Research, Vol.4, Issue 2, Feb- 2018, pp.217-224.
12. **Shraddha More**, Arpit Rohel, “*Vulnerability Assessment and Penetration Testing through Artificial Intelligence*” International Journal of Recent Trends in Engineering & Research, Vol.4, Issue 1, Jan 2018, pp.217-224.
13. **Shraddha More**, Rajesh Bansode, “*Side Channel Attack on various Cryptographic Algorithms*”, International Journal of Scientific and Engineering Research (IJSER), ISSN 2229-5518, Vol.6, Issue 8, August 2015, pp.1759-1762.
14. **Shraddha More**, Rajesh Bansode, “*Implementation of AES with Time Complexity Measurement for Various Input*”, Global Journal of Computer Science and Technology (GJCST), Vol.15, Issue 4, July 2015, pp.11-20.

✓ Conferences (National and International):

1. M. Patil, P. Patil, V. Deshpande, I. Karankale and **S. More**, "Exploring Opinionated Sentiments through Web Scraping and Attribute-based Analysis," 2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India, 2024, pp. 1279-1286, doi: 10.1109/ICAAIC60222.2024.10575301.
2. **Shraddha S. More**, Dr. Rajesh Bansode, “An Empirical Study of Model Compression Techniques for DNN Deployment on Resource-Constrained Devices” *7th International Conference on Innovative Computing and Communication (ICICC-2024)*, Springer, Feb 2024.
3. **Shraddha S. More** and Dr. Rajesh Bansode, “A Study on Deep Learning Model Quantization Techniques for Edge Devices,” International conference on Intelligent Computing and Networking (IC-ICN2023), 24th -25th February 2023, ISBN: 979-8-98798-39-1-1.
4. Kavya N. Naik, Arnica R. Patil, Kinnari N. Patil, **Shraddha S. More**, “FileFox: A Blockchain based File Storage using Ethereum and IPFS,” *5th International Conference on Data Intelligence and Cognitive Informatics*, 27-28 June 2023.

5. Shubham M. Naik, Atiq R. Shaikh, Reenav K. Hemaria, and **Shraddha More**, "Blockchain Crowdfunding: A New Era in Democratizing Investment Opportunities," *3rd International Conference on Soft Computing for Security Applications ICSCS*, April 2023.
6. Niket Kamble, Nikhil More, Om Wargantiwar, and **Shraddha More**, "Deep Learning based Sign Language Recognition and Translation," *3rd International Conference on Soft Computing for Security Applications ICSCS*, April 2023.
7. Prabal P. Nair, Shashank S. Karkera, Pratik H. Shinde, and **Shraddha More**, "Peer to Peer Electric Vehicle Charging," *3rd International Conference on Soft Computing for Security Applications ICSCS*, April 2023.
8. Kavya N. Naik, Arnica R. Patil, Kinnari N. Patil, Vaidehi R. Sankhe, **Shraddha S. More**, Vivian Brian Lobo, "A Python-based Grade Converter Application," *Second International Conference on Electronics and Renewable Systems (ICEARS)*, March 2023.
9. Omkar Nikam, Shreyash Sanjay Singh, Swaraj Patil, Suryakrishnan Nair, Aniket Raut, Vivian Brian Lobo, **Shraddha More**, Ronald Laban, "A Machine Learning Prediction Model for Envisaging Future Risk of Suicide," *5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE)*, January 20-21, 2022.
10. Dhanashri A. Machhi, Arathy S. Pillai, Punitha Thirumalaikumar, **Shraddha S. More**, "Accident Detection and Reporting using Convolution Neural Network," *International Conference on Applied Artificial Intelligence and Computing (ICAAIC)*, May 2022.
11. Parth P. Patel, Chirag L. Pavesha, Santoshi S. Sabat, **Shraddha S. More**, "Deep Learning based Driver Drowsiness Detection," *International Conference on Applied Artificial Intelligence and Computing (ICAAIC)*, May 2022.
12. Om B. Doshi, Hitesh N. Bendale, Aarti M. Chavan, **Shraddha S. More**, "IoT based Door Lock Security System," *International Conference on Applied Artificial Intelligence and Computing (ICAAIC)*, May 2022.
13. S. Kini, S. Pal, S. Kothare, D. Mitna and **S. More**, "Friend Recommendation in Social Media App using Link Prediction," *2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)*, 2022, pp. 1502-1508, doi: 10.1109/ICSCDS53736.2022.9761025.
14. N. K. Sharma, A. K. Singh, S. Salvi and **S. S. More**, "College Kart and k-NN Algorithm based Placement Prediction," *2021 Second International Conference on Electronics and Sustainable Communication Systems (ICESC)*, 2021, pp. 1271-1276, doi: 10.1109/ICESC51422.2021.9532987.
15. **S. S. More**, M. A. Mange, M. S. Sankhe and S. S. Sahu, "Convolutional Neural Network based Brain Tumor Detection," *2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)*, 2021, pp. 1532-1538, doi: 10.1109/ICICCS51141.2021.9432164.
16. **Shraddha S. More**, Niraj Patel, Sukaji Parab, Sushil Maurya, "*Blockchain Based Tamper Proof Certificates*", International Conference on Smart Data Intelligence (ICSMDI 2021), ELSEVIER-SSRN Digital Library, pp. 750-756, April 29-30, 2021.
17. **More S.S.**, Pathak G., Panchal S., Patil M. (2021) RFID-Based Railway Crowd Prediction and Revenue Analysis. In: Jeena Jacob I., Kolandapalayam Shanmugam S., Piramuthu S., Falkowski-Gilski P. (eds) *Data Intelligence and Cognitive Informatics. Algorithms for Intelligent Systems*. Springer, Singapore. https://doi.org/10.1007/978-981-15-8530-2_7, pp.97-109, January 2021.
18. **Shraddha S More**, Vivian Brian Lobo, Ronald Melwin Laban, Simran Panchal, Monika Patil, Gulshan Pathak, "*Cancer Prediction and Insurance Eligibility using Machine Learning Techniques*", IEEE 5th International Conference on Communication and Electronics Systems (ICES), June 2020, pp.725-730.
19. Vivian Brian Lobo, Ronald Melwin Laban, **Shraddha S. More**, Jetso Analin, "*Convergence of Blockchain and Artificial Intelligence to Decentralize Healthcare Systems*", IEEE International Conference on Computing Methodologies and Communication (ICCMC), March 2020, pp.932-938.

20. Anita Chaudhari, Rajesh Bansode, Brinzel Rodrigues, **Shraddha More**, Aruna Pavate, "Design and Development of Energy Audit System," in MULTICON-W 2020: McGraw-Hill, 2020, ISBN (13): 9789390385799.
21. **Shraddha More**, Anagha Mudrale, Sukhada Raut, "Secure Transaction System using Collective Approach of Steganography and Visual Cryptography", IEEE International Conference on Smart City and Emerging Technologies (ICSCET), Jan 2018, pp.1-6.
22. Godson Michael D'silva, Sanket Thakare, **Sharddha More**, Jeril Kuriakose, "Real World Smart Chatbot for Customer Care using a Software as a Service (SaaS) Architecture", IEEE International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), Feb 2017, pp.658-664.
23. **Shraddha More**, Anita Chaudhari, Brinzel Rodrigues, "Digital Forensic Investigation using Subject-based Semantic Document Processing", IEEE International Conference on Contemporary Computing and Informatics(IC3I), Dec-2016, pp. 312-315.
24. Anita Chaudhari, Brinzel Rodrigues, **Shraddha More**, "Automated IOT based system for Home Automation and Prediction of Electricity usage and Comparative Analysis of various Electricity Providers: SmartPlug", IEEE International Conference on Contemporary Computing and Informatics(IC3I), Dec-2016, pp. 390 – 392.
25. Brinzel Rodrigues, Anita Chaudhari, **Shraddha More**, "Two Factor Verification using QR-code: A Unique Authentication system for Android Smartphone Users", IEEE International Conference on Contemporary Computing and Informatics (IC3I), Dec-2016, pp. 457-462.
26. Jeril Kuriakose, Dhvani Shaha, **Shraddha More**, "Comparative Study of Diverse Zero Knowledge Argument Systems", IEEE International Conference on Data Mining and Advanced Computing (SAPIENCE), March-2016, pp. 284-293.
27. **Shraddha More**, Pranit Gaikwad, "Trust-based Voting Method for Efficient Malware Detection", Elsevier Procedia computer science (ICCCV) 2016, Volume 79, Jan-2016, pp. 657-667.
28. **Shraddha More**, Rajesh Bansode, "Securing Side Channel Attacks: A Survey", International Conference and Workshop on Electronics & Telecommunication Engineering (ICWET), Feb-2015.

RESEARCH/ CONSULTANCY

- Received seed money of **Rs. 1,00,000/-** from **Maharashtra Students Innovation Challenge (MSIC)-2023 Competition** held by District Level organized by Maharashtra State Innovation Society, Department of Skills, Employment, Entrepreneurship & Innovation, Govt. of Maharashtra.
- **Rajiv Gandhi Science and Technology Commission, Government of Maharashtra grant of Rs. 57,000/-** received from University of Mumbai for research proposal titled 'An IoT-Enabled Smart Bracelet for Deaf and Dumb Students to Communicate with Teachers in Schools of Palghar Region'.
- **Minor Research Grant of Rs. 15,000/-** received from University of Mumbai for research project on 'Robotic Arm for Object Sorting using Raspberry Pi', for duration of 1 year in the academic year 2018-19.
- Received **NVIDIA GPU Grant Award** to support research work in the domain of "Big Data & Data Mining, Cloud, Machine Learning & AI" with the donation of Titan XP & Jetson TX1 hardware. (The NVIDIA GPU Grant Award is up to **Titan XP = \$ 1200 and Jetson TX1 = \$ 599**).
- Received **Microsoft Azure Research grant up to USD \$20,000.00** for the research activities in the domain of Cloud Computing, Big Data Analytics and Machine Learning.

AWARDS / RECOGNITION / ACHIEVEMENTS

- Invited as judge for online competition प्रस्तुत | Igniting Young Minds... a unique 'Research'

Paper cum Poster Presentation organized by ISTE - Student Chapter in collaboration with SPCA, ITSA, ASSET and ACE of St. John College of Engineering and Management, Palghar on 17th April, 2021.

- Invited as judge for colloquium “IT for Society” 2021 at St. Francis Institute of Technology on 26th February 2021.
- Invited as judge for Hack-Stomp 2021 (Hackathon) at Universal College of Engineering, Vasai on 25th February 2021.
- Invited as judge for 6th National Level Project Exhibition cum Poster and Paper Presentation" organized by Universal College of Engineering, Vasai on Friday, 13th March 2020.
- One of the judge panel for “Web designing competition” organized during Megaleio-2020 organized by St. John College of Engineering and Management, Palghar on February, 2020.
- Invited as judge for 5th National Level Project Exhibition cum Poster and Paper Presentation" organized by Universal College of Engineering, Vasai on Friday, 8th March 2019.
- One of the judge panel for “Poster Presentation” organized during Megaleio-2018 organized by St. John College of Engineering and Management, Palghar on February, 2018.
- Invited as judge for Combo Exhibition in Science, Mathematics, Geography, I.T and Commerce” organized by Tarapur Vidya Mandir and Junior College, Boisar on 8th October 2015.

BOOK PUBLICATION

1. **Ms. Shraddha More** authored a book on “**Web Technology**” for University of SPP| Sem V and VI | T.E. (Artificial Intelligence and Data Science) | A.Y. 2023-2024. (Tech-Neo Publication)
2. **Ms. Shraddha More** authored a book on “**Web Design**” for University of Mumbai| Sem V| B.E. (Electronics and Telecommunication) | A.Y. 2022-2023. (Tech-Neo Publication)
3. **Ms. Shraddha More** authored a book on “**Web Technologies**” for University of Mumbai| Sem V| B.E. (Electronics and Computer Science) | A.Y. 2022-2023. (Tech-Neo Publication)
4. **Ms. Shraddha More** co-authored a book on “**Blockchain**” for University of Mumbai| Sem VI| B.E. (Computer Engineering) | A.Y. 2022-2023. (Tech-Neo Publication)
5. **Ms. Shraddha More** authored a book on “**Web Computing**” for University of Mumbai| Sem V| T.E. (Data Science/AIML) | A.Y. 2022-2023. (Tech-Neo Publication)
6. **Ms. Shraddha More** authored a book on “**Web Application Development**” for University of SPP| Sem VI| T.E. (Information Technology) | A.Y. 2021-2022. (Tech-Neo Publication)
7. **Ms. Shraddha More** authored a book on “**Web Technology**” for University of SPP| Sem VI| T.E. (Computer Engineering) | A.Y. 2021-2022. (Tech-Neo Publication)
8. **Ms. Shraddha More** authored a book on “**Web X.0**” for University of Mumbai | Sem VI| T.E. (Information Technology) | A.Y. 2021-2022. (Tech-Neo Publication)
9. **Ms. Shraddha More** authored a book on “**Internet Programming**” for University of Mumbai | Sem V | T.E. (Information Technology) | A.Y. 2021-2022. (Tech-Neo Publication)

10. **Ms. Shraddha More** authored a book on **“Internet Programming”** for University of Mumbai | Sem V | T.E. (Computer Engineering) | A.Y. 2021-2022. (Tech-Neo Publication)

PATENT PUBLISHED

1. A Multi-Level Randomized SALT Technique for Confidentiality in IoT devices | Published on 07.08.2023. | German Patent (**Grant Received**).
2. A LOCATION-BASED RESPONDER SYSTEM AND METHOD FOR PROVIDING EMERGENCY HELP | Published on 16.07.2021. | Indian Patent.

TECHNICAL, PROFESSIONAL TRAINING IMPARTED AS A RESOURCE FACULTY

- Invited as a resource person for delivering sessions on **“Data Preprocessing to Data Visualization”** in IEEE Bombay Section sponsored FDP on "Becoming IOE Ready: Recent Trends in Sensing, Security and Data Analysis" organized by St. Francis Institute of Technology, Borivali and Thakur College of Engineering, Kandivali on 26th June 2024.
- Invited as a resource person for delivering hands-on session on **Data Science with Python** at St. John College of Humanities and Sciences, Palghar on September 02, 2023.
- Invited as a resource person for delivering workshop on **Python for Data Science** at VIVA Institute of Technology, Virar on 12-13th September 2023.
- Invited as a resource person for an expert talk on **“Full Stack Web Development”** for Third year diploma students at St. John College of Engineering and Management, Palghar on 28th August 2023.
- Invited as a Resource Person in **"Faculty Orientation Program"** for Revised Syllabus of TE -IOT/CYSE/CS Sem VI Rev 2019 'C' Scheme on the Subject of "Web X.0 & Web Lab " on January 24, 2023 Organized by Cyber Security Department, SAKEC On Behalf of University of Mumbai.
- Invited as a resource person for delivering sessions on **“Flask”** in 30-Hours Value-added course on the topic **“Advances in Web Technology”** for third year students organized by St. Francis Institute of Technology, Borivali from December 12, 2022.
- Invited as a resource person for delivering hands-on session on **Web Technology** for Third year students organized by Universal College of Engineering, Kaman 14-15th October 2022.
- Invited as a resource person for delivering expert sessions on **Web X.0** for Third year students organized by Universal College of Engineering, Kaman in month of March-April.
- Invited as a resource person for delivering session on **“Python for Data Science”** for S.Y.B.Sc.I.T and T.Y.B.Sc.I.T students organized by St. John College of Humanities and Sciences, Palghar on January 29, 2022.
- Invited as a Resource Person in **"Faculty Orientation Program"** for Revised Syllabus of TE-IT Sem VI Rev 2019 'C' Scheme on the Subject of "Web X.0 & Web Lab " on January 06, 2023 Organized by Information Technology Department, Xavier Institute of Engineering, Mahim on Behalf of University of Mumbai.
- Invited as a resource person for delivering session on **“Python Flask”** for faculties in AICTE-ISTE approved FDP on **"Web X.0"** organized by Xavier Institute of Engineering, Mahim from January 3 to 8, 2022.
- Invited as a resource person for delivering sessions on **“NodeJS, MongoDB and Flask”** in 30-Hours Value-added course on the topic **“Advances in Web Technology”** for third year students organized by St. Francis Institute of Technology, Borivali from December 13 to 17, 2021.

- Invited as a resource person for delivering sessions on “**Python Flask**” for faculties in ISTE approved STTP on “**Recent Trends in Web Technologies**” organized by St. Francis Institute of Technology, Borivali from December 8 to 9, 2021.
- Delivered a webinar on **HOW TO USE AND PARTICIPATE RESPONSIBLY ON VIRTUAL PLATFORMS** for students of St. John Technical and Educational Campus, Palghar organized by NSS Units of SJTEC on February 6, 2021.
- Delivered an Awareness Session on “**How to use Sanitary Napkin Vending Machine**” under Women’s Development Cell / Internal Complaint Committee for Ladies staff in campus at St. John college of Engineering and Management, Palghar on January 20, 2020.
- Delivered an expert lecture on “**Data Science using Python**” for students of Computer Engineering, Viva Institute of Technology, Virar on September 17, 2019.
- Delivered a Hands-on session on “**Advanced Web Technology**” for Students of Department of Information Technology, St. John College of Engineering & Management, Palghar, under STEP Activity for Academic year 2017-18.
- Delivered a Hands-on Session on “**Big Data Analytics**” for Teachers as part of ISTE approved STTP organized by Department of Computer Engineering, Gharda Institute of Technology, Lavel-Chiplun on January 1 to 4, 2018.
- Delivered a Hands-on Session on “**Building Real-time Data Processing IoT Applications Using Amazon Web Services**” for Teachers as part of ISTE approved STTP organized by Department of Information Technology, St. John College of Engineering & Management, Palghar on May 2 to 6, 2017.
- Delivered a Hands-on session on “**Big Data Analytics using Pig, Hive and MongoDB**” for Students of Department of Information Technology, St. John College of Engineering & Management, Palghar, under STEP Activity on September 17, 2016.
- Delivered a Hands-on Session on “**RASPBERRY PI**” for students of St. John College of Engineering & Management, Palghar on October 12 to 13, 2015.

PROFESSIONAL CERTIFICATION

- Completed National Programme on Technology Enhanced Learning (NPTEL) 12-week course on **Natural Language Processing** (IIT Kharagpur) (51%) [Jan-April 2024].
- Completed National Programme on Technology Enhanced Learning (NPTEL) 12-week course on **Machine Learning and Deep Learning-Fundamentals and Applications** (IIT-Guwahati) (52%) [Jul-Oct 2023].
- Completed National Programme on Technology Enhanced Learning (NPTEL) 12-week course on **Data Analytics with Python** (IIT-Roorkee) (64% - Elite) [Jan-April 2023].
- Completed National Programme on Technology Enhanced Learning (NPTEL) 8-week course on **Business Analytics & Text Mining Modeling using Python** (IIT-Roorkee) (71% - Elite) [Jul-Sep 2022].
- Completed Coursera course on **Modern JavaScript: ES6 Basics** on May 28, 2022.
- Completed Coursera course on **Create Your First Web App with Python and Flask** on May 28, 2022.
- Completed National Programme on Technology Enhanced Learning (NPTEL) 12-week course on **Blockchain and its Applications** (IIT Kharagpur) [Jan-Apr 2022].
- Completed National Programme on Technology Enhanced Learning (NPTEL) 4-week course on **Python for Data Science** (IIT-Madras) (75% - Elite) [Jan-March 2021].
- Completed National Programme on Technology Enhanced Learning (NPTEL) 12-week course on **Computer Networks and Internet Protocol** (IIT-Kharagpur). [Jan-April 2021].
- Completed Udemy course on **Tableau 2020: A-Z Hands-on Tableau Training for Data Science** on April 24, 2021.
- Completed a Star Certification on **Star Certified DevOps Expert** on May 11, 2020.
- Completed a Star Certification on **Big Data Analytics** on May 18, 2020.

- Completed a Star Certification on **Star Cloud Computing X-pert: Industry perspective of Cloud Computing** on May 16, 2020.
- Completed a Google Digital Garage certification on **Fundamentals of Digital Marketing** on June 19, 2020
- Completed an edX certification course on **ML0101EN: Machine Learning with Python: A Practical Introduction** on June 20, 2020.
- Completed a Cognitive Class (An IBM initiative) course on **Blockchain Essentials** on April 21, 2020.
- Completed a Cognitive Class (An IBM initiative) course on **Python 101 for Data Science** on April 22, 2020.
- Completed a Coursera course on **Programming for Everybody (Getting Started with Python)** on June 16, 2020.
- Completed a Coursera course on **Blockchain Basics** on June 1, 2020.
- Completed a Coursera on **Front-End JavaScript Frameworks: Angular** on June 10, 2020.
- Completed a National Programme on Technology Enhanced Learning (NPTEL) 12-week course on **Introduction to Machine Learning** (IIT-Madras) (94%). [Jan-April 2020]
- Completed a National Programme on Technology Enhanced Learning (NPTEL) 8-week course on **Introduction to Machine Learning** (IIT- Kharagpur) (52%).

OTHER EXPERIENCE

- Invited as a session chair for 12th National Conference on "Role of Engineers in Nation Building" (NCRENB 2024) organized by VIVA Institute of Technology, Virar on 15th & 16th March 2024.
- Invited to serve as a judge for the Technical Paper Presentations at 'Oscillation'24, organized by Vidyavardhini's College of Engineering and Technology, Vasai on 5th April 2024.
- Invited as a judge for Maharashtra Students Innovation Challenge (MSIC)-2023 Competition at Palghar District Level organised by Maharashtra State Innovation Society, Department of Skills, Employment, Entrepreneurship & Innovation, Govt. of Maharashtra on 14th December 2023.
- Reviewer in International Conference on Computing Communication Control and Automation (ICCUBEA) 2023.
- Reviewer in International Conference on Communication Systems, Computing and IT Applications 2023.
- Reviewer in International Conference on Trends in Engineering, Applied Sciences and Management during 8th & 9th April 2022.
- Reviewer in 2021 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON) during 29th & 30th October 2021.
- Syllabus setter in University of Mumbai.
- Question paper setter in University of Mumbai and D.J. Sanghvi College of Engineering, Mumbai.
- Working as a NSS Programme Officer in St. John College of Engineering and Management, Palghar.
- Mentored to design a solution of team IDEAS OUTTA BOX for Smart India Hackathon 2018.

TECHNICAL, PROFESSIONAL OR RELEVANT TRAINING COURSES ATTENDED

- ✓ **STTP/FDP/Workshop/Seminar/Webinar Attended or Participated:**
 - Completed Two-week ISTE approved STTP on **Recent Trends in AI, ML & IOT** organized by Smt. Kashibai Navale College of Engineering, Pune from 12th June to 25th June 2024.

- Completed ISTE approved STTP on **Cultivating the Future of Healthcare with Generative AI** organized by St. Francis Institute of Technology, Mumbai, Maharashtra from 11.12.2023 to 15.12.2023.
- Completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on **Artificial Intelligence and Machine Learning** at MGM'S COLLEGE OF ENGINEERING AND TECHNOLOGY from 01/01/2024 to 06/01/2024.
- Completed 5 days FATAL DP on **Building Advanced Data Analytics Applications with Cloud** organized by Edunet Foundation and EY GDS (Ernst & Young), in partnership with AICTE from 18/12/2023 to 22/12/2023.
- Completed 12-week FDP on **Machine Learning and Deep Learning-Fundamentals and Applications** from IIT-Guwahati, Jul-Oct 2023.
- Completed ISTE approved workshop on **“Introduction to ML, NLP and ChatBots”** organized by VPM's Maharshi Parshuram College of Engineering, Velneshwar on 4th July to 29th July 2023.
- Completed two-weeks IEEE sponsored Capacity Building Workshop on **“Next Generation Solutions: Harnessing the Power of Blockchain and AI”** jointly organized by St. Francis Institute of Technology (SFIT), Xavier Institute of Engineering (XIE), and St. John College of Engineering and Management (SJCEM) from June 19 to July 02, 2023.
- Completed 12-week FDP on **Data Analytics with Python** from IIT-Roorkee, Jan-Apr 2023.
- Completed 3 days virtual training workshop on **“Latex Software: A Scientific Documentation”** organized by Sandip Institute of Engineering and Management, Nashik from 9th to 11th March 2023.
- Participated in the International workshop on **"RESEARCH AND DATA INTERPRETATION TECHNIQUES USING SPSS (HANDS-ON)"** organized by Scholars Gate on 23-01-2023 to 25-01-2023.
- Completed STTP on **Data Science and Python** sponsored by ISTE, organized by College of Engineering & Technology, Akola from 16.01.2023 to 28.01.2023.
- Completed 8-weeks FDP on **Business Analytics & Text Mining Modeling Using Python** from IIT Madras, Jul-Sep 2022.
- Participated in Webinar on **“Systematic Approach for Publishing Research Papers, Indexing and Citations”** on Wednesday, 7th, 2022.
- Completed one week Faculty Development Program on **“ML: Basics to Advance”** sponsored by IEEE Bombay section and organized by St. Francis Institute of Technology jointly with Xavier Institute of Engineering and St. John College of Engineering and Management from July 01 to 07, 2022.
- Completed **AICTE-ISTE approved** orientation/refresher programme on Cyber Security and Ethical Hacking organized by Xavier Institute of Engineering, Mahim from 10 to 15 January 2022.
- Completed 8-week FDP on Python for Data Science from IIT Madras, Jan-Feb 2021
- Completed one-week **AICTE-ATAL** sponsored FDP on “Research Methodology and Optimization Techniques” organized by Government Polytechnic Nashik from 13/12/2021 to 17/12/2021
- Participated in two-days Workshop on "Outcome Based Education (OBE)" organized by MGM's College of Engineering and Technology, Kamothe, Navi Mumbai from August 20-21, 2021.
- Completed one-week **AICTE- ATAL** Sponsored FDP on “Artificial Intelligence and Machine Learning with Data Science” organized by Department of Computer Science and Engineering, Babasaheb Naik College of Engineering, Pusad from July 14 to 18, 2021.
- Completed 6 Days National Workshop on “ReactJS” organized by Department of Information Technology, Universal College of Engineering under ITSA and IQAC in collaboration with Brain O Vision Solutions India Pvt. Ltd. & National Youth Council of India held during 05.07.2021 to 10.07.2021.

- Completed Online **STTP (ISTE approved)** on “Deep Learning for Computer Vision” organized by St. John College of Engineering and Management, Palghar from June 30 to July 4, 2021.
- Completed Online **STTP (ISTE approved)** on “Recent Trends Research and Challenges in IoT Applications” organized by Vidyavardhini’s College of Engineering and Technology, Vasai from June 28 to July 3, 2021.
- Completed Online **STTP (ISTE approved)** on “Insights and Methodologies towards Research and Research Outcomes” organized by St. Francis Institute of Technology, Borivali from June 21 to 26, 2021.
- Completed Online **STTP (ISTE approved)** on “Internet Programming: The Full Stack Approach” organized by Vidyavardhini’s College of Engineering and Technology, Vasai from June 14 to 25, 2021.
- Completed 4-week FDP on Python for data Science from IIT Madras, Jan-Feb 2021.
- Completed Online FDP on “RESEARCH IN ENGINEERING - A Way Forward” organized by A. P. Shah Institute of Technology, Thane from July 06 to 10, 2020.
- Completed online course on “The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop” organized by Indian Institute of Technology, Bombay (IIT-Bombay) from June 23 to 24, 2020.
- Completed AICTE Training and Learning (**ATAL**) Academy Online FDP on “Blockchain” organized by National Institute of Technology (NIT), Nagaland from June 22 to 26, 2020.
- Completed online STTP on “LaTeX for everyone” organized by Ramrao Adik Institute of Technology, Nerul from June 18 to 20, 2020.
- Attended Webinar on “Libraries and Tools for Machine Learning” organized by St. Francis Institute of Technology, Mumbai on June 18, 2020.
- Completed one-day webinar on “ML for Developing Nations” organized by St. Francis Institute of Technology, Mumbai on June 15, 2020.
- Completed online workshop on Next-Generation Software Tools & Trends for Industrial Solutions: Current Practices Government College of Engineering, Aurangabad (TEQIP-III) from June 13 to 17, 2020.
- Attended Webinar on “Gender Sensitization in India: Prospects and Challenges” organized by Government College of Engineering, Jalgaon and Government College of Engineering, Odisha (TEQIP-III) on June 13, 2020.
- Completed one-day online Training (Certificate of Recognition) on “Microsoft Innovative Educator Program” organized by Microsoft Educator Center on June 09, 2020.
- Completed Online **STTP (ISTE approved)** on “Python Basics, Machine Learning and Blockchain” organized by K. J. Somaiya Institute of Engineering and Information Technology from June 08 to 13, 2020.
- Completed Online **STTP (AICTE-ISTE approved) and (CSI)** on “E-learning Tools, Methodologies, and Content Management” organized by College of Engineering and Technology, Akola from June 08 to 13, 2020.
- Completed online workshop on “Outcome-based Education and NBA Accreditation Process” organized by P. R. Pote College of Engineering and Management, Amravati from June 08 to 12, 2020.
- Completed online workshop on “Enhancing Research Work of Ph.D. Aspirants through Systematic Approach” Lokmanya Tilak College of Engineering, Navi Mumbai from June 08 to 10, 2020.
- Completed Online FDP under U.G.C. Paramarsh Scheme on “NAAC Assessment and Accreditation for Affiliated Colleges” organized by Vinayakrao Patil College, Vaijapur from June 08 to 13, 2020.

- Attended webinar on “Cyber Security” organized by Bharati Vidyapeeth College of Engineering, Navi Mumbai and TeleNetworks Technologies Pvt. Ltd. on June 06, 2020.
- Completed Online Webinar series on “Exploring Emerging Dimensions of Electronics” organized by St. John College of Engineering and Management, Palghar from June 05 to 09, 2020.
- Attended Webinar on “Open-Source Technology: A Step Towards Collaborative Learning” organized by Don Bosco Institute of Technology, Mumbai (IETE and IEEE) on June 05, 2020.
- Completed online workshop on “Writing High-Impact Research Papers, Effectively, and efficiently” organized by G. H. Rasoni Institute of Business Management, Jalgaon, Maharashtra from June 04 to 06, 2020.
- Attended Webinar on “Gateway to Cyber Security” organized by St. John College of Engineering and Management, Palghar on June 03, 2020.
- Completed Online FDP on “Engineering Education and the Industry: A Post COVID-19 Perspective” organized by Rajiv Gandhi Institute of Technology from June 01 to 05, 2020.
- Attended Webinar on “Creating Interactive E-learning Content” organized by Universal College of Engineering, Vasai (IQAC) on June 01, 2020.
- Attended one-day Webinar on “Leadership Talk” organized by MHRD’s Innovation Cell (Government of India) and AICTE on May 30, 2020.
- Attended Webinar on “Artificial Intelligence and Machine Learning” organized by Dr. Subhash Technical Campus, Junagadh on May 30, 2020.
- Completed National level online FDP on “Disruptive Technologies of Industry 4.0” organized by Fr. Conceição Rodrigues College of Engineering, Mumbai from May 30 to June 03, 2020.
- Attended Webinar on “Emergence of Data Analytics and its Impact on Data Warehouse” organized by VIVA Institute of Technology on May 31, 2020.
- Attended Webinar on “Writing Effective Research Paper” organized by Sir M. Visvesvaraya Institute of Technology, Bengaluru, Karnataka on May 30, 2020.
- Completed International Workshop on “Education 4.0: Transformation of Learning Environment” Rajkiya Engineering College, Banda and Consilio Intelligence Research Lab, U.P. (TEQIP-III) May 29 and 30, 2020.
- Attended Webinar on “Usage of Technology in COVID-19” organized by Terna Engineering College, Navi Mumbai from May 28 to June 02, 2020.
- Completed Webinar on “Education 4.0-Season II” organized by Atharva College of Engineering (ACE), Malad (IQAC) from May 28 to 30, 2020.
- Completed Online FDP on “Signal Image and Video Processing: A Practical Approach” organized by Government College of Engineering, Karad (TEQIP-III) from May 26 to 30, 2020.
- Completed Online FDP on “Data Science” organized by Fr. Conceição Rodrigues College of Engineering, Mumbai from May 26 to 30, 2020.
- Completed National level FDP and Online Training on “SCILAB: An open-source substitute of MATLAB” organized by JNTUH College of Engineering Sultanpur, Telangana from May 25 to 30, 2020.
- Completed Online FDP on “Recent Trends and Applications of Machine Learning and Deep Learning in IT” organized by Ramrao Adik Institute of Technology, Nerul from May 25 to 29, 2020.
- Completed online workshop on “Webinar Series” organized by St. John College of Engineering and Management, Palghar from May 24 to 28, 2020.

- Attended National level webinar on “A systematic approach to prepare technical paper” organized by Shri Bhagubhai Mafatlal Polytechnic on May 23, 2020.
- Attended online webinar on “Online Teaching and Learning using Google Classroom and Google Meet” organized by Pillai College of Engineering, New Panvel on May 22, 2020.
- Completed National level FDP on “ICT tools in Education using MOODLE” organized by PACE Institute of Technology and Sciences, Ongole from May 22 to 26, 2020.
- Completed Online FDP on “Artificial Intelligence” organized by Universal College of Engineering, Vasai, in association with Brain-o-vision solutions (India) Pvt. Ltd., and National Indian Youth Council from May 22 to 26, 2020.
- Attended online webinar on “Blockchain Technology” organized by Vidyavardhini’s College of Engineering and Technology on May 21, 2020.
- Completed Online FDP on “Advances in Python (Django and Flask), Python for Data Science and Cyber Security” organized by Chadalawada Ramanamma Engineering College, Tirupati, Andhra Pradesh from May 21 to 27, 2020.
- Attended National webinar on “Machine Learning and Deep Learning” organized by Kasturba Gandhi Degree & PG College for Women, Telangana on May 20, 2020.
- Attended online webinar on “Insights and Data Visualisation” organized by Shree L. R. Tiwari College of Engineering, Mira Road on May 19, 2020.
- Completed Online Course on “Research Methodology” organized by Mar Gregorios College of Arts and Science from May 19 to 23, 2020.
- Completed Online FDP on “Emerging Trends in Industry 4.0” organized by JSPM’s Rajarshi Shahu College of Engineering, Tathawade (Technically sponsored by ACM) from May 18 to 29, 2020.
- Completed Online Staff Development Programme on “Linux” organized by Pimpri Chinchwad College of Engineering from May 18 to 25, 2020.
- Completed Online STTP on “MATLAB-based Teaching Learning in Engineering” organized by Ramrao Adik Institute of Technology, Nerul from May 18 to 22, 2020.
- Attended Webinar on “Start-up Lifecycle and Patent Registration” organized by ACE Innovation Cell, IPR Cell, ACE Institute Innovation Council (MHRD), ACE-Incubation Center-MSME, IEDC-DST, ACE Ember E-cell NEN, Atharva College of Engineering (ACE) from May 18 and 19, 2020.
- Attended National webinar on “Self-Plagiarism: Ethical and Legal Dimensions” organized by Narsee Monjee College of Commerce and Economics on May 18, 2020.
- Completed National FDP on “E-learning tools for effective teaching and learning” organized by Nirmala Memorial Foundation College of Commerce & Science and EdFly on May 16, 2020.
- Completed Online FDP on “Machine Learning and Deep Learning Applications in Engineering and Science” organized by Government College of Engineering, Karad and Rajkiya Engineering College Azamgarh (Technical Education Quality Improvement Programme-III) (TEQIP-III) from May 16 to 20, 2020.
- Attended Online webinar on “NAAC: Systematic Data Organization and Presentation” organized by Vidyalankar Institute of Technology, Mumbai on May 16, 2020.
- Completed online workshop on “Internet of Things” organized by Universal College of Engineering, Vasai (The Institution of Engineering and Technology) from May 14 to 15, 2020.
- Completed Online FDP on “Outcome-based Education: A step towards excellence” organized by Government College of Engineering, Karad (AICTE sponsored under Margdarshan Scheme) from May 11 to 15, 2020.
- Completed Online Hands-on FDP on “Advanced Technologies in IT” organized by Vidyalankar Institute of Technology, Mumbai from May 09 to 12, 2020.

- Attended National webinar on “Effective ways to develop E-content” organized by Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science and College of Law on May 9, 2020.
- Attended online workshop on “Role of WIPO in Preservation of Intellectual Property” organized by Dayanand College of Law, Latur (Mumbai University and College Teachers’ Association) on May 08, 2020.
- Completed online workshop on “Research, Funding Project and IPR” organized by K. C. College of Engineering Management Studies and Research (IETE and IIC) from May 07 to 10, 2020.
- Completed National FDP and Online Training on “R Programming” organized by Spoken Tutorial Project, IIT Bombay and S. B. Jain Institute of Technology, Management & Research, Nagpur from May 05 to 09, 2020.
- Completed Online National level FDP on “Python 3.4.3” organized by Spoken Tutorial Project, IIT Bombay and Dwarkadas Jivanlal Sanghvi College of Engineering from May 03 to 07, 2020.
- Attended online session on “Coping after COVID19: A New Era for Students & Academicians” organized by IEEE Blended Learning Program and Kolhapur Institute of Technology’s College of Engineering (Autonomous), on May 2, 2020.
- Completed online workshop on “Examination Reforms” organized by All India Council for Technical Education (AICTE)” from April 29 to May 02, 2020.
- Completed online workshop on “Education 4.0” organized by Atharva College of Engineering (ACE), Malad (IQAC) from April 28 to 30, 2020.
- Completed National level FDP and Online Training on “LaTeX” organized by Spoken Tutorial Project, IIT Bombay and A.P. Shah Institute of Technology from April 27 to May 02, 2020.
- Completed National FDP and Online Training on “Moodle Learning Management System (Moodle test for teachers)” organized by Spoken Tutorial Project, IIT Bombay and Shah & Anchor Kutchhi Engineering College from April 25 to 30, 2020.
- Attended online session on “E-learning the road ahead” organized by Mumbai University and College Teacher Association on April 18, 2020.
- Completed online workshop on “Intellectual Property Rights” organized by Pandit Deendayal Petroleum University (University in Gandhinagar, Gujarat) from April 10 and 11, 2020.
- Completed FDP on “Recent Trends in Internet of Things (IoT)” organized by, St. John College of Engineering and Management Sponsored by IIITDM Jabalpur, Ministry of Electronics & IT, Government of India from June 10 to 15, 2019.
- Completed 8-week FDP on Introduction to Machine Learning from IIT Madras, Aug-Oct 2018
- Completed FDP on “Research Methodology” organized by Department of Mechanical Engineering, St. John College of Engineering and Management from September 21 to 22, 2018.
- Completed workshop on “Learning Data Science using Python” organized by Department of Information Technology, St. John College of Engineering and Management from June 29 to July 1, 2017.
- Completed ISTE and CSI approved STTP on “Big data, Android App and Web App Designing” organized by Universal College of Engineering from December 19 to 24, 2015.
- Attended AICTE Sponsored National Seminar on “Academic Excellence Through Quality Technical Education-Opportunities & Challenges” organized by Thakur College of Engineering & Technology from January 23 & 24, 2014.

- Participated as a delegate in Engineering Colloquium (EC-2014) organized by Thakur College of Engineering & Technology from February 28 & March 1, 2014.

EVENTS/WORKSHOPS/SEMINARS/WEBINARS/FDPs/STTPs ORGANIZED

- Organized Faculty Orientation Program on “Robotics” (Information Technology | Semester VIII) Subject on behalf of University of Mumbai.
- Organized different events under ITSA (Information Technology Student’s Association) (Faculty Coordinator)
- Organized One-week Online ISTE approved STTP on Deep Learning for Computer Vision at St. John College of Engineering and Management, Palghar from June 30 to July 4, 2021.
- Organized MegaHack2.0—A 24-hour National level Virtual Hackathon at St. John College of Engineering and Management, Palghar on April 09 to 10, 2021.
- Organized MegaHack—A 24-hour National level Hackathon at St. John College of Engineering and Management, Palghar on January 29 to 30, 2020.

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