



DR. MANSING RATHOD

Associate Professor, Department of Information Technology

K. J. Somaiya Institute of Technology, Mumbai,

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ORCID: 0000-0002-5860-6617

PROFESSIONAL PROFILE

Academic professional with more than 24 years of teaching, research and academic-administrative experience in Computer Engineering and Information Technology. Experienced in curriculum development, accreditation and academic quality initiatives, student mentoring, innovation activities and university examination processes. Research specialization in Image Processing, with additional work across Computer Vision, Project Management, Data structure and Analysis, software engineering and sustainable technology applications.

EDUCATIONAL QUALIFICATIONS:

Ph.D in Computer Engineering

Pacific Academy of Higher Education and Research University, Udaipur, India, **April 2019**

Dissertation: Satellite Image Resolution Using Frequency Domain.

M.E in Computer Engineering

Terna Engineering College, Nerul, Navi-Mumbai, Mumbai University, **June 2013**

Performance: first class- 66.54%

B.E in Computer Science and Engineering

Gulbarga University Karnataka, India, **March 1999**

Performance: First class 68.75%

EMPLOYMENTS:

Associate Professor- Information Technology from July 1, 2022 to till date

K. J. Somaiya Institute of Technology, Mumbai – University of Mumbai, Maharashtra, India

Assistant Professor- Information Technology from September 2012 to June 30, 2022

K. J. Somaiya Institute of Technology, Mumbai – University of Mumbai, Maharashtra, India

Senior Lecturer- Information Technology from July 1, 2009 to 2012

K. J. Somaiya Institute of Technology, Mumbai – University of Mumbai, Maharashtra, India

Lecturer - Information Technology from Sept 2, 2002 to 2009

K. J. Somaiya Institute of Technology, Mumbai – University of Mumbai, Maharashtra, India

Lecturer – Computer Engineering from August 8, 1999 to 2002

Lokamanya Tilak College of Engineering, Koparkhairane, Navi-Mumbai, India

KEY RESPONSIBILITIES HELD

Head – Department of Information Technology from 2005 to 2009

K. J. Somaiya Institute of Technology, Mumbai – University of Mumbai, Maharashtra, India

I/C Head- Department of Information Technology from 2009 to 2019

K. J. Somaiya Institute of Technology, Mumbai – University of Mumbai, Maharashtra, India

Member: Board of studies in Information Technology (Autonomous)

Convener: Institution's Innovation Council (IIC)

K. J. Somaiya Institute of Technology, Mumbai – University of Mumbai, Maharashtra, India

AWARDS AND HONORS

1. Appreciation letter: Organizing committee member for International Conference on Advances in Science and Technology for the year April 2018, K. J. Somaiya Institute of Technology, Mumbai, India

2. Invitation as a Judge: for “KJSIEIT-INTECH 2018” National level inter Colleges project competition for the year March 2018, K. J. Somaiya Institute of Technology, Mumbai, India

3. Appreciation letter: for valuable contribution as a Coordinator for FDP on “Research Methodology for PhD Aspirants for the year May 2014, K. J. Somaiya Institute of Technology, Mumbai, India.

4. Appreciation letter: Judge for Technical Paper presentation in RENAISSANCE 2016, , K. J. Somaiya Institute of Technology, Mumbai, India.

5. Invitation as a Judge for “KJSIEIT-INTECH 2018” National level inter Colleges project competition, K. J. Somaiya Institute of Technology, Mumbai, India.

6. Appreciation letter: Excellent performance in class room teaching for the academic year 2014-2015, K. J. Somaiya Institute of Technology, Mumbai, India.

7. Appreciation letter: Very good performance in class room teaching for the academic year 2016-2017, K. J. Somaiya Institute of Technology, Mumbai, India.

8. Appreciation letter: Very good performance in class room teaching for the academic year 2015-2016, K. J. Somaiya Institute of Technology, Mumbai, India.

9. Certificate of Appreciation is awarded for role as mentor for NPTEL online certification courses “Introduction to Operating System” Director, IIT Madras, July 2017.

10. Recognized as a teacher of the University for the M.E. degree in Computer Engineering and Information Technology, Mumbai University, 2016.

11. Appreciation letter: In recognition of outstanding commitment and dedicated teaching for Obtaining outstanding Result for the subjects Operating system (sem-V) and Software Engineering (sem-VI), 2016, K. J. Somaiya Institute of Technology, Mumbai, India.

12. Appreciation letter: As a judge of IDEA COMPETITION organized by Institute Innovation Council (IIC) under the direction of MHRD's Innovation cell (MIC), March 2019, K. J. Somaiya Institute of Technology, Mumbai, India.

13. Appreciation letter: For serving as a Reviewer for 2nd International Conference on Advances in Science and Technology (ICAST 2019), K. J. Somaiya Institute of Technology, Mumbai, India.

14. Appreciation letter: Judge for the national level inter collegiate project competition “ KJSIEIT-INTECH 2K18), K. J. Somaiya Institute of Technology, Mumbai, India.

15. Appreciation letter: Very good performance in class room teaching for the academic year 2016-2017, K. J. Somaiya Institute of Technology, Mumbai, India.

16. Appreciation letter: Very good performance in class room teaching for the academic year 2016-2017, Sem-VI, K. J. Somaiya Institute of Technology, Mumbai, India.

17. Participated certificate: Cooperative learning and Flipped Classrooms, 2019, K. J. Somaiya Institute of Technology, Mumbai, India.

18. Panel member for Computer Science-track in ICAST (2019-2020) of on line paper presentation, Invitation as a judge for “KJSIEIT-IET-INTECHN2K22” National Level project competition

19. Invitation as a judge for “KJSIEIT-IET-INTECHN2K22” National Level project competition, April, 2022, K. J. Somaiya Institute of Technology, Mumbai, India.

20. Letter of Appreciation for Teaching in course: Management Information System, Sept 9, 2022, K. J. Somaiya Institute of Technology, Mumbai, India.

21. Letter of Appreciation for Teaching in course: Software Engineering with Project Management, March, 2021, K. J. Somaiya Institute of Technology, Mumbai, India.

22. Appointed as Judge for Innovation 2022 Problem Statement, K. J. Somaiya Institute of Technology, Mumbai, India.

23. Letter of Appreciation In recognition of the valuable contribution for the development of “Ride Booking App” Towards attainment of progressive mission of the Institute, Sept 9, 2023, K. J. Somaiya Institute of Technology, Mumbai, India.

24. Certificate of Appreciation for Reviewed papers of the 6th IEEE International Conference on Advances in Science and Technology (ICAST-2023), K. J. Somaiya Institute of Technology, Mumbai, India.

25. Letter of Appreciation as Judge for the “KJSIT Campus Hackathon on 25th September, 2023, K. J. Somaiya Institute of Technology, Mumbai, India.

26. Appreciation Certificate for effort has put in over the past several years since joined in the institute, March 19, 2025, K. J. Somaiya Institute of Technology, Mumbai, India.

27. Letter of Appreciation as Judge for the “KJSIT Campus Hackathon on 20th September, 2025, K. J. Somaiya Institute of Technology, Mumbai, India.

28. Letter of Appreciation as Judge for Poster Presentation conducted under “ABHIGYAN 2025” on 15 October 2025, organized by Department of Electronics and Telecommunication, K.J.Somaiya Institute of Technology, Mumbai.

29. Letter of appreciation as a Judge for for the **Poster Presentation and Project Demonstration** event **Pragyan 1.0** under **ABHIGYAN 2025**, scheduled on **30 th October 2025 (Thursday)** at **1:30 PM**, at the EXTC Department. for the **Poster Presentation and Project Demonstration** event **Pragyan 1.0** under **ABHIGYAN 2025**, scheduled on **30 th October 2025 (Thursday)** at **1:30 PM**, at the EXTC Department.

30. Certificate of Appreciation for Reviewed papers of the 8th IEEE Pune Section International Conference on Theme:Generative Futuristic Systems, December 12-15,2025, India.

31. Letter of Appreciation and Invitation for session chair in National Conference organized by SASMIRA’S Institute of Management studies and Research on 28th February, 2026, Sasmira Marg, Worli, Mumbai.

RESEARCH GUIDANCE

Recognized M.E/M,Tech. Guide in Computer Engineering and Information Technology, September,2016, University of Mumbai, Maharashtra, India.

Recognized Ph.D. Guide in Computer Engineering and Information Technology, September 2022, Mumbai University, Maharashtra, India.

Candidates Guided: **06** Pursuing

Invited Reviewer/ Technical program Committee Member

1. Appointed as a Reviewer in 2nd International Conference in Advance Science and Technology (ICAST) in K.J.Somaiya Institute of Engineering and Information Technology, Sion, Mumbai

2. Appointed as a Reviewer in 3rd International Conference in Advance Science and Technology (ICAST) in K.J.Somaiya Institute of Engineering and Information Technology, Sion, Mumbai
3. Appointed as a Reviewer in 4th International Conference in Advance Science and Technology (ICAST) in K.J.Somaiya Institute of Engineering and Information Technology, Sion, Mumbai
4. Appointed as a Reviewer in 7th International Conference Innovation and Research in Technology and Engineering (ICIRTE), Vasantdada Patil College of Engineering, Sion, Mumbai.
5. Appointed as a Reviewer in 5th IEEE International Conference on Advances in Science and Technology (IEEE-ICAST-2022, Organized by K.J.Somaiya Institute of Engineering and Information Technology, Sion, Mumbai.
6. Appointed as a Reviewer for Springer International Journal on Interactive Design and Manufacturing (IJDeM).
7. Appointed as a Reviewer for 11th IEEE Humanitarian Technology Conference organized by IEEE Gujarat Section at Marwadi University, Rajkot, India on October 16-18, 2023.
8. Appointed as a Reviewer for 6th IEEE International Conference on “Advances in Science & Technology (ICAST-2023), IEEE Conference, December 8-9, 2023 at KJSIT, Sion, Mumbai.
9. Appointed as a Reviewer for Journal of Asian Scientific Research.
10. Appointed as a Reviewer for 6th Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2026), Fr. **Conceição Rodrigues College of Engineering**, Vashi, Navi-Mumbai.
11. Appointed as a Reviewer for Invitation to review submission for 2025 IEEE Pune Section International Conference (IEEE PuneCon 2025).

PUBLICATION

International Journal

1. Mansing Rathod “Correlation of Genomic Indicators with Hormone Receptor Status in Breast Cancer in the Indian Population Dataset”, Suranaree International Journal of Science and Technology”, Vol.32, Issue:06, ISSN:0858-849X, E-ISSN: 2587-0009, pp:1-12, Nov-Dec, 2025, <https://doi.org/10.55766/sujst9547>, Suranaree University of Technology (Publisher).
2. Mansing Rathod “Benchmarking the Impact of Green Manufacturing Practices on Environmental and Economic Performance Indicators: Evidence from Indian SMEs”, International Journal of Process Management and Benchmarking, ISSN:1460-6739, Inderscience Publishers, 2026.
3. Mansing Rathod, “Implementation of In-Situ Vision System on Transfer Line to Improve Packaging Quality and Minimize Waste: Automotive Supplier Case Study” Journal of The Institution of Engineers (India): Series C, Vol:107, Issue:1, ISSN : 2250-0545, February 24, 2026, Springer, <https://doi.org/10.1007/s40032-026-01344-7>
4. Mansing Rathod, Pranjal, Sakina Mala, Keyush Thumar “Automated Detection of Steel Manufacturing Defects Using Machine Learning Techniques” International conference on Emerging Technologies for Sustainable Development (ICTES2025) on June 26-27, 2025, K.J.Somaiya Institute of Technology, Sion, Mumbai (ISTE UGC care journal), <https://doi.org/10.35291/icets2025/0031>
<https://kjsit.somaiya.edu.in/en/icets-2025/>
5. Mansing Rathod, Pranjal, Sakshi Salvi, Samarth Amodkar “Retail Intelligence Engine: Leveraging Retrieval-Augmented Generation for Actionable Business Insight” International conference on Emerging Technologies for Sustainable Development (ICTES2025) on June 26-27, 2025, K.J.Somaiya Institute of Technology, Sion, Mumbai (ISTE UGC care journal), <https://doi.org/10.35291/icets2025/0032>.
<https://kjsit.somaiya.edu.in/en/icets-2025/>

6. Dr. Mansing Rathod “Improving breast cancer prediction through explainable artificial intelligence - A transdisciplinary approach”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 40, No. 1, October 2025, pp. 288~296, ISSN: 2502-4752, <http://doi.org/10.11591/ijeecs.v40.i1.pp288-296>
7. Mansing Rathod “A study of explainable AI and anchor method for the prediction and recommendation of breast cancer treatment-an explainable approach”, (IAES) International Journal of Artificial Intelligence (IJ-AI), Vol.14, Issue.6, ISSN/e-ISSN 2089-4872/2252-8938, <http://doi.org/10.11591/ijai.v14.i6.pp4494-4501>
8. Mansing Rathod “**Explainable Data-Driven Evaluation of Graduate Attributes in Engineering Education Using Counterfactual**”, **International journal of STEAM Education.(Accepted).**
9. Mansing Rathod, Usha pawar, Kiran Bhole, Shivaji Chavan, Dipali Bhole “Modeling and analysis of multi-functional self- healing material using Runge-Kutta Method for investigation of aircraft wing structure” International Journal on Advances in Materials and Processing Technologies, Taylor & Francis Group, Volume 10, Issue 4, 2024, <https://doi.org/10.1080/2374068X.2023.2264577>
10. Mansing Rathod, Usha pawar, Kiran Bhole, Shivaji Chavan, Dipali Bhole, “Design optimization of circular vessel using computational fluid dynamics for the effective heat storage” International Journal on Interactive Design and Manufacturing (IJIDeM), Volume 17, Issue 3, December 31, 2022, springer, <https://doi.org/10.1007/s12008-022-01177-5>.
11. Mansing Rathod, Usha pawar, Kiran Bhole, Shivaji Chavan, Dipali Bhole “Computer Aided Approach for Case Specific Design of Fixture for Slot Milling Process”, International Journal on Interactive Design and Manufacturing (IJIDeM), Volume 18, Issue 3, June 13, 2023, Springer, <https://doi.org/10.1007/s12008-023-01388-4>.
12. Avadhesh Kumar, Mansing Rathod, “Improving the Software Privacy in the OFDM 5G Communication Integrated with License Key in the Hardware Communication Parameters” International Journal of Intelligent Systems and Applications in Engineering, ISSN:2147-67992, Volume 10, Issue 2, 2022, <https://ijisae.org/index.php/IJISAE/article/view/2391>.
13. Mansing Rathod, M. Sunil Kumar, and J Kumarnath “A Secure IoT Smart Network Model for the Contributory Broadcast Encryption for the Text Policy Management Scheme”, International Journal of Intelligent Systems and Applications in Engineering, ISSN:2147-67992, Volume 11, Issue 3, 2022, <https://ijisae.org/index.php/IJISAE/article/view/2530>.
14. Ashwini Kumar, Mansing Rathod, M Purushotham Reddy, C. Sushama and Kuldeep Singh Kaswan “Markov Clustering in Leaf Disease Detection Based on Classification using Probabilistic Naïve Bayes Regression for Deep Learning Architecture”, International Journal of Intelligent Systems and Applications in Engineering, ISSN: 2147-67992, Volume 11, Issue 13, 2023, <https://ijisae.org/index.php/IJISAE/article/view/2559>
15. Meenal R Kale, Bhargavi D Hemmige, Narmadha Thangarasu, Mansing Rathod, Vijay Uprikar, Vishmita, Prakriti Kapoor “Social Media Strategies for Promoting University Library Resources”, Library Progress International Journal, Volume 44, Issue 3, Jul-Dec 2024, <https://bpasjournals.com/library-science/index.php/journal/article/view/2122/1378>.
16. Sivajothi E, Mansing Rathod and Usha Pawar C “Tracing the Success Rate of Reattach Treatment for Social Skill Development among Disabled People in India”, Journal for ReAttach Therapy and Developmental Diversities, Volume 6, Issue 9, ISSN:2589-7799, <https://jrtd.com/index.php/journal/article/view/1877>.

17. Mansing Rathod, Somesula suchitra, Manju Lata, Karpagavalli G and Pradeep S “Establishing the Relationship between Adolescents' Mental Health and Family Culture”, Journal for ReAttach Therapy and Developmental Diversities, ISSN:2589-7799, Volume 6, Issue 10, <https://jrtd.com/index.php/journal/article/view/1546>.
18. Mansing Rathod and Jayashree Khanapuri “Resolution Enhancement of Satellite Image Using DCT and DWT”, Asian Journal of Convergence in Technology, ISSN: 2350-1146 Volume 3, 2017 Issue 3, <https://asianssr.org/index.php/ajct/article/view/305>
19. Tabassum Khan, Apurva Sonavane, Dr. Mansing Rathod, “Forensic Facial Reconstruction from Skeletal Remains”, International Journal on Recent and Innovation Trends in Computing and Communication, Volume 5, Issue 3, ISSN: 2321-8169, Pages-115-120, March 2017, <https://doi.org/10.17762/ijritcc.v5i3.251>.
20. Mansing Rathod and Jayashree Khanapuri “Comparative Study of Wavelet Methods for Resolution Enhancement of Satellite Images”, International journal on Advances in Computational Sciences and Technology (ACST), ISSN 0973-6107, Volume 11, Number 1, https://www.ripublication.com/acst18/acstsp1/xx_ACST_v11n1_2018_all%20pages.pdf
21. Tabassum Khan, Apurva Sonavane, Sannan Momin and. Mansing Rathod “Forensic Facial Reconstruction Using Marching Cubes”, International Journal of Current Research, Vol. 9, Issue, 05, pp: 50280-50283, May, 2017, <http://www.journalcra.com/article/forensic-facial-reconstruction-using-marching-cubes>.
22. Mayank Champaneri, Mansing Rathod, Darpan Chachpara and, Chaitanya Chandvidkar, “Crop Yield Prediction Using Machine Learning”, International Journal of Science and Research (IJSR), total cited 86, (2018): 0.28 | SJIF (2019): 7.583, [doi: 10.21275/SR20402185927](https://doi.org/10.21275/SR20402185927)
23. Kaushal Parikh, Dilip Singh, Dinesh Yadav, Mansing Rathod “Detection of web scraping using machine learning”, Open access international journal of Science and Engineering, Volume 3, Issue 1, pp: 114-118, March 2018, WWW.OAIJSE.COM
24. Krishani Mehta Mansing Rathod, Nisha Bhanushali, Meghna Chapaneria “Fingerprint based ATM System”, International Journal for Research, Volume 2, Issue 12, ISSN: 2395-7549, pp: 31-34, 2017
25. Mayuresh Deodhar, Mansing Rathod, Rushikesh Bhav and Kevin Bhalodia “Android Application for Crop Yield prediction and Crop Disease Detection”, Open access International journal of science and Engineering, Volume 3, Special Issue 1, ISSN (Online) 2456-3293, March 2018, WWW.OAIJSE.COM

International Conference

1. Mansing Rathod “ Transparency in Vehicle CO2 emission Forecast : Unraveling Predictions with explainable AI” 7th International Conference on Advances in Science and Technology (ICAST 24-25) on June 20-21, 2025, K.J.Somaiya Institute of Technology, Sion, Mumbai, Taylor&Francis Group, ISBN 9781041303756, <https://share.google/hTL8DSQChCGv5bqqT>
2. Mansing Rathod “AI-Driven ADHD Detection: A Machine Learning Approach for Early Diagnosis” 7th International Conference on Advances in Science and Technology (ICAST 24-25) on June 20-21, 2025, K.J.Somaiya Institute of Technology, Sion, Mumbai, Taylor&Francis Group, ISBN 9781041303756, <https://share.google/hTL8DSQChCGv5bqqT>
3. Mansing Rathod “AI Based paper Evaluation System for Enhanced student Assessment” 7th International Conference on Advances in Science and Technology (ICAST 24-25) on June 20-21, 2025, K.J.Somaiya Institute of Technology, Sion, Mumbai, Taylor&Francis Group, ISBN 9781041303756, <https://share.google/hTL8DSQChCGv5bqqT>

- 3.1. Dr. Mansing Rathod “Automated Detection of Steel Manufacturing Defects Using Machine Learning Techniques” ,International Conference on Emerging Technologies for Sustainable Development (ICETS 2025),DOI: <https://doi.org/10.35291/icets2025/0031> , June 26-27, 2025, KJSIT,
- 3.2.Dr. Mansing Rathod “Retail Intelligence Engine: Leveraging RetrievalAugmented Generation for Actionable Business Insights”, International Conference on Emerging Technologies for Sustainable Development (ICETS 2025),DOI: <https://doi.org/10.35291/icets2025/0032> , June 26-27, 2025, KJSIT,
4. Mansing Rathod “Review on Autism Spectrum Disorder Assessment in Pediatric Neurodevelopment to Identify the Biomarkers”,9th International Conference on Information and Communication Technology for Intelligent Systems(ICTIS) that will be held on APRIL 4 - 6, 2025 in Bangkok, Thailand, paper will be published in the Springer proceedings LNNS, November 16, 2025, pp 61–72, ISBN:978-981-96-8795-4, ISSN:2367-3370, [doi https://doi.org/10.1007/978-981-96-8796-1_6](https://doi.org/10.1007/978-981-96-8796-1_6).
5. Mansing Rathod “Review on Comprehensive Analysis of Fundamental Parameters Regulating Malware Detection Performance”, 10th International Conference on ICT for Sustainable Development, 17 - 19 July, 2025, paper will be published in the Springer proceedings LNNS,Book title: ICT Analysis and Applications,Proceedings of ICT4SD 2025, ISSN:2367-3370,Volume 6, <https://doi.org/10.1007/978-3-032-06677-0>.
- 6.Mansing Rathod and Jayashree Khanapuri “A Comparative Study of Transform Domain Methods for Image Resolution Enhancement of Satellite Image”, IEEE 11th International Conference on Intelligent Systems and Control (ISCO), IEEE Xplore,978-1-5090-2717 -0/17/\$31.00 ©2017 IEEE, ISBN:978-1-5090-2718-7, 2017, [doi: 10.1109/ISCO.2017.7856000](https://doi.org/10.1109/ISCO.2017.7856000)
7. Mansing Rathod and Jayashree Khanapuri “Satellite image resolution enhancement using SWT and DWT with SWT”, IEEE International Conference on Nascent Technologies in Engineering (ICNTE), IEEE Xplore,ISBN:978-1-5090-2795-8, 2017, [doi: 10.1109/ICNTE.2017.7947947](https://doi.org/10.1109/ICNTE.2017.7947947)
8. Mansing Rathod, Ebrahim Ghantiwala,Vaibhav Ashar and Sameer Bakshi “Shoppers Delight-A Web3 Integrated E-Commerce Application for Comparative analysis”, 6Th IEEE International Conference on Advances in Science and Technology (ICAST-2-23), IEEE Digital Library,ISBN:979-8-3503-5981-7, [doi: 10.1109/ICAST59062.2023.10455014](https://doi.org/10.1109/ICAST59062.2023.10455014)
9. Rahul Deshmukh ,Vipul Mayekar, Smit Patel and Mansing Rathod “Identification and Classification of Plant Leaf Diseases Using YOLOv4-tiny Algorithm”, 6Th IEEE International Conference on Advances in Science and Technology (ICAST-2-23), IEEE Digital Library, [doi: 10.1109/ICAST59062.2023.10455066](https://doi.org/10.1109/ICAST59062.2023.10455066).
- 10.Rohit Nilesh, Mansing Rathod, Mehta, Hitaishi Vijay, Joshi; Inziya Dossa, Rahul Gyanch Yadav and Sarika Mane, “Supermarket Shelf Monitoring Using ROS based Robot”, IEEE 5th International Conference on Trends in Electronics and Informatics (ICOEI), ISBN:978-1-6654-1571-2, IEEE Xplore, 2021, [doi: 10.1109/ICOEI51242.2021.9452895](https://doi.org/10.1109/ICOEI51242.2021.9452895)
11. Nagraj Vallakati, Tomal Ghosh, Shatayu Thakur, Mansing Rathod “Smart Farming using AI and IoT”, Proceedings of the 4th International Conference on Advances in Science & Technology (ICAST2021),2021, <https://dx.doi.org/10.2139/ssrn.3866432>.
12. Prashant Avhad, Harsh Bhanushali, Keval Bhatt and Mansing Rathod “Canteen automation system with payment gateway” Proceedings of the 3rd International Conference on Advances in Science & Technology (ICAST), 2020, <https://dx.doi.org/10.2139/ssrn.3568597>
13. Deepali Gosavi, Sanyogita Dere, Divyasha Bhoir and Mansing Rathod “Brain Tumor Classification Using GLCM Features and Neural Network”, Proceedings of the 2nd International

Conference on Advances in Science & Technology (ICAST), Mumbai, India, 2019, <https://dx.doi.org/10.2139/ssrn.3372921>

14. Kuldeep Choudhary, Tanmay Agrawal, Ridhi Dama and Mansing Rathod “Voice Based E-Prescription”, Proceedings of the 4th International Conference on Advances in Science & Technology (ICAST2021), 2021, <https://dx.doi.org/10.2139/ssrn.3867317>

15. Monica Bhalerao, Nikita Chandaliya, Mansing Rathod and Tithi Poojary “Review on Automatic Image Homogenization for Panoramic Images”, 2nd International Conference on Advances in Science and Technology (ICAST-2019), <https://dx.doi.org/10.2139/ssrn.3375324>

Book Chapter in proceeding in Springer and Taylor&Francis Publication

1. Mansing Rathod “Transparency in Vehicle CO₂ emission Forecast : Unraveling Predictions with explainable AI” 7th International Conference on Advances in Science and Technology (ICAST 24-25) on June 20-21, 2025, E-book: 1st Edition, Advance in Science and Technology, ISBN:9781041303756, May 12, 2026, by CRC Press, K.J.Somaiya Institute of Technology, Sion, Mumbai, Taylor&Francis Group, <https://share.google/hTL8DSQChCGv5bgqT>

2. Mansing Rathod “AI-Driven ADHD Detection: A Machine Learning Approach for Early Diagnosis” 7th International Conference on Advances in Science and Technology (ICAST 24-25) on June 20-21, 2025, E-book: 1st Edition, Advance in Science and Technology, ISBN:9781041303756, May 12, 2026, by CRC Press, K.J.Somaiya Institute of Technology, Sion, Mumbai, Taylor&Francis Group, <https://share.google/hTL8DSQChCGv5bgqT>

3. Mansing Rathod “AI Based paper Evaluation System for Enhanced student Assessment” 7th International Conference on Advances in Science and Technology (ICAST 24-25) on June 20-21, 2025, E-book: 1st Edition, Advance in Science and Technology, ISBN:9781041303756, May 12, 2026, by CRC Press, K.J.Somaiya Institute of Technology, Sion, Mumbai, Taylor&Francis Group, <https://share.google/hTL8DSQChCGv5bgqT>

4. Mansing Rathod and Jayashree Khanapuri “Performance Evaluation of Transform Domain Methods for Satellite Image Resolution Enhancement”, Lecture Notes on Data Engineering and Communications Technologies, book series (Springer book), Online ISBN: 978-981-10-8339-6, volume 19, 2019, https://doi.org/10.1007/978-981-10-8339-6_25.

5. Sourav Kumar, Mansing Rathod and Shreyash Moundekar “Location-Based Bus Tracking Application Using Android”, Lecture Notes in Networks and Systems (Springer book), ISSN 2367-3370, Volume 493, 2022, <https://doi.org/10.1007/978-981-19-4990-6>.

6. Mansing Rathod and Jayashree Khanapuri “Novel Approach for Resolution Enhancement of Satellite Images Using Wavelet Techniques”, Advances in Intelligent Systems and Computing (Springer book), ISBN 978-981-15-6584-7 (eBook), Volume 1198, ISBN 2194-5357, 2020, <https://doi.org/10.1007/978-981-15-6584-7>

7. Mansing Rathod and Jayashree Khanapuri “Wavelet Transform Domain Methods for Resolution Enhancement of Satellite Images”, Advances in Intelligent Systems and Computing (Springer book), ISBN 978-981-15-1081-6 (eBook), Volume 1082, ISBN 2194-5357, PP:139-151, 2020, <https://doi.org/10.1007/978-981-15-1081-6>

8. V. Harsh, T. Shubham and Mansing Rathod “Housing Society Management System Using PHP”, Lecture Notes on Data Engineering and Communications Technologies, book series (LNDECT), Springer book ISBN:978-981-19-3034-8, volume 141, https://doi.org/10.1007/978-981-19-3035-5_21

9. Nidhi Patel, Aarnav Marathe, Vihaan Jasani and Mansing Rathod “Skin Cancer Classification Using Machine Learning and Convolutional Neural Networks”, 8th International Conference on ICT for Sustainable Development, Goa, India (ICT4SD 2023), Springer (Scopus Indexed) pp 481–492, Goa, India, 3-4th, volume 782, pp:481-492, 2023 (Springer book), https://doi.org/10.1007/978-981-99-6568-7_44.

10. Mansing Rathod “Review on Autism Spectrum Disorder Assessment in Pediatric Neurodevelopment to Identify the Biomarkers”, 9th International Conference on Information and Communication Technology for Intelligent Systems (ICTIS) that will be held on APRIL 4 - 6, 2025 in Bangkok, Thailand, paper will be published in the Springer proceedings LNNS, November 16, 2025, pp:61–72, ISBN:978-981-96-8795-4, ISSN:2367-3370, https://doi.org/10.1007/978-981-96-8796-1_6,

Book title: ICT for Intelligent Systems: Proceedings of ICTIS 2025, Volume 11.

11. Mansing Rathod “Review on Comprehensive Analysis of Fundamental Parameters Regulating Malware Detection Performance”, 10th International Conference on ICT for Sustainable Development, 17 - 19 July, 2025, paper will be published in the Springer proceedings LNNS, Book title: ICT Analysis and Applications, Proceedings of ICT4SD 2025, ISSN:2367-3370, Volume 6, https://doi.org/10.1007/978-3-032-06677-0_35

PATENTS PUBLISHED / GRANTED:

Title of Invention: “**A DEEP LEARNING BASED DATA SECURITY SYSTEM IN IOT NETWORK**” date of publication April 22, 2022, Application No: 202221020053A.

Title of Invention: **AI BASED DIGITAL EDUCATIONAL DISPLAY DEVICE**, Design No.: **470695-001**, Date: 22/08/2025, Date of Issue: 20/11/2025.

CURRICULAR AND CO-CURRICULAR ACTIVITIES

Academic Activities and Outcomes:

Courses Taught at UG Level:

- Software Engineering
- Project Management
- Software Project Management
- Product Life Cycle Management
- Computer Simulation and Modeling
- Computer Network, Data structure
- Management Information System
- Software testing and Quality Assurance
- Operating System, Image Processing
- Advanced Software Engineering and Project Management
- Image Processing
- Computer Vision
- Operating System
- Computer Simulation Modeling, etc
- Computer Network Lab
- Java Programming Lab

Achieved 100% result for all the courses taught UG in last 24years. Received > 85% teaching feedback for all the courses taught UG in past 24Years. Involved in exam-related activities such as university examination paper setting, paper assessment, conducting viva, university exam supervision as Chief Conductor and Senior Supervisor, etc. for University of Mumbai.

Participation in Development Activities (FDP/STTP):

1.Attended one day Faculty AI Masterclass: Integrating Google AI, June,8th 2026,Akanksha from Upeducators On behalf of Google for Education upEducators is the Google for Education partner for the AI Implementation Program

2.Successfully completed two - weeks Online Joint Faculty Development Programme on “Classical ML” jointly organised by Electronics and ICT Academies held from 18 to 29 May, 2026 under the “Scheme of financial assistance for setting up of Electronics and ICT Academies (Phase II)” of the Ministry of Electronics and Information Technology (MeitY), Government of India. He/she has also taken part in the hands-on sessions during the program. This Faculty Development Programme is at part with other Quality Improvement Programmes*

3. Conducted Expert talk on “AI For Atmanirbhar Bharat:HEI Pre Summit Engagements towards india impact for students and faculty on February 7th ,2026 with expert Mr. Ritesh Doshi from GEP Worldwide, Mumbai.

4.Completed one week certification course on AI for Future Workforce Program from July 23 to 1 August 2025 , Dell Technologies intel digital readiness company in India.

2.Successful completion of the ATAL Online 6-Day Faculty Development Programme (FDP) on "Climate-Responsive Design and Sustainable Energy Systems in Civil Engineering," held from October 20 to 25, 2025,University of Visvesvaraya College of Engineering, Bangalore.

4.Successful completion of the ATAL Online 6-Day Faculty Development Programme (FDP) on " Disaster Management and Resilient Infrastructure (Strategies, Technologies and Innovations) at CHALAPATHI INSTITUTE OF TECHNOLOGY from 10/11/2025 to 15/11/2025, Andhra Pradesh.

5. Successful completion of the ATAL Online 6-Day Faculty Development Programme (FDP) on " Shaping the Future of Manufacturing with 3D Printing Techniques at SARDAR PATEL COLLEGE OF ENGINEERING, Mumbai from 01/12/2025 to 06/12/2025.

6. Attended one week AICTE Training and Learning (ATAL) Academy Faculty Development “Program on High Performance Computing” from January 6-11, 2025, organized by BHILAI INSTITUTE OF TECHNOLOGY, India.

7. Successfully participated one week MIC driven activity on “Intellectual Property UTSAV” organized virtual by the All India Council for Technical Education Council (AICTE) and Ministry of Education Innovation’s Cell (MIC) from April 21-26, 2025.

8. Dr. Mansing Rathod has attended 3Day’s AICTE-VAANI- FDP, on Space and Defence organized by R&D Cell, K. J. Somaiya Institute of Technology, Sion, Mumbai,July 8-10, 2024.

9. Dr. Mansing Rathod has successfully completed 30 hours online training of Innovation Ambassador on “foundation level” from 1st september to 5th Sep 2024 conducted by MoE’s innovation Cell and AICTE.

10. Dr. Mansing Rathod has attended 3Day's AICTE-VAANI- FDP organised by EXTC Department K. J. Somaiya Institute of Technology, Sion, Mumbai, Sept 16-20, 2024
11. Dr. Mansing Rathod has participated at Industry Academia Conference and Academia Awards 2024 organized by CSI-TechNext 2024 on August 31, 2024.
12. Dr. Mansing Rathod has conducted Expert talk on "IIC Self-Driven Activity on Start-up" for SY and TY students, K. J. Somaiya Institute of Technology, Mumbai, August 3, 2024.
13. Dr. Mansing Rathod has completed the Gen AI Integrated International Online Faculty Development Program on Cloud and DevOps organized by Marian College Kuttikkanam (Autonomous) and Amal Jyothi College of Engineering (Autonomous) Kanjirappally in association with ipsr solutions limited and Valin - UK, USA and Canada from 23 August 2024 to 03 September 2024 and has successfully completed the assessment and secured an A grade.
14. Attended One-week Faculty Development Program (FDP) on "SCOPE OF IOT FOR INDUSTRIAL AUTOMATION" from April 8-13, 2024, organized by Datta Meghe College of Engineering, Navi-Mumbai.
15. Attended 14 Days National Level Faculty Development Program (FDP) on "Innovative Teaching strategies and tools in the digital age" from October 20- November 02, 2023, Organized in collaboration with IIC, Ministry of Education, Gulzar Group of Institute(IIC GGI) Ludhiana ,Punjab.
16. Attended one week National Level Online Faculty Development Program (FDP) on "Outcome Based Education and Application of Generative AI in Teaching and Research" from March 18-23, 2024, Organized by the DST-CURIE-AI center of Sri Padmavati Mahila Visvavidyalayam (SPMVV), Tirupati, in association with ipsr solutions limited.
17. Attended One week FDP on "Innovation and IPR" organized by the Institution's Innovation Council of K. J. Somaiya Institute of Technology, Sion ,Mumbai, from June 26-30, 2023.
13. Participated in Paid FDP from 26-31 December, 2022 on "LaTeX" Organized by KJSIEIT, Sion, Mumbai with course material provided by Spoken Tutorial Project, IIT Bombay.
18. Attended National level 21 days FDP on "Online Teaching Platform and Tools (Technology management in education)" November 25- December 15, 2022, Organized by Founder and CEO Scrollwell, Company.
19. Successfully completed two week FDP on "National IP Literacy" two week Organized under Kalam Program for IP Literacy from October 15-23, 2020, Organized under Kalam Program for IP Literacy by Ministry of Education.
20. Attended One week STTP on "Leveraging Artificial Intelligence and Data Analytics for Healthcare" Sponsored by AICTE Under AQIS, from January 4-9, 2021, Organized by Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai.
21. Attended AICTE sponsored ATAL FDP on "Outcome Based Learning" from January 11-15, 2022, organized by Viveknand Education Society Business School, New Delhi.
20. Attended AICTE sponsored ATAL FDP on "QUANTUM COMPUTING" from January 03-07, 2022, organized by MET's Institute of Engineering, Bhujbal Knowledge City, Nashik
22. Completed Innovation Ambassador training (Advanced Level) conducted by MoE's Innovation Cell & AICTE during the period from 30th June - 30th July 2021 in online mode organized by MoE's Innovation Cell & AICTE, New Delhi.

23. Successfully participated in four days' webinar series on "IT and IPR 2020" from May 5-8, 2020, Organized by IQAC, Shree. L.R.Tiwari College of Engineering. Certificate ID: PWITIPR 2020 IQAC-SLRTCE.
24. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown, Institution Innovation Cell (IIC) of MHRD, New, Delhi, Certificate no: 20645, Scan to verify, Date : 2020-07-07
25. Successfully participated in one-week international Faculty Development Program (FDP) on "INNOVATIVE TRENDS IN ENGINEERING AND TECHNOLOGY" from May 25-29, 2020, Organized by IQAC, Shree. L. R. Tiwari College of Engineering from 25th May to 29th MAY, 2020. Certificate ID: PFDPIET-2020-SLRTCE, Mumbai.
26. Attended One week FDP on "Data Science" from May 26-30, 2020, Organized by Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai.
27. Successfully attended One Week Workshop of Lecture Series on "Application of Industrial Engineering in Manufacturing & Infrastructure" from May 18-22, 2020 (During COVID-19 Lockdown 4.0), Organized by Datta Meghe College of Engineering, Airoli, Navi Mumbai.
27. Attended one week FDP on "NAAC Awareness Program" from May 18-25, 2020, Organized by Guru Nanak Institute of Technology, Nagpur.
28. Attended One week Faculty Development Program (FDP) and Online Training on "Moodle Learning Management System" from May 26-30, 2020, KJSIEIT, Sion, Mumbai association with Spoken Tutorial Project, IIT Bombay.
29. Attended One week STTP on "Management Information System" from July 1-5, 2019, organized by Pillai College of Engineering, Panvel.
30. Attended ISTE approved One week STTP on "python, R- programming and Perl programming" from January 2-7, 2017, Organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
31. Attended one week IQAC workshop on "NAAC- process criteria and Audit" from April 25-29, 2016, Organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
32. Attended One-week FDP on "IoT Application development" from May 2-7, 2016, Organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
33. Attended one week STTP on "The New Generation 4G and 5G Innovations", Research, Scope and Limitations, from November 17-21, 2015, Organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
34. Attended Two weeks ISTE approved STTP on "Introduction to Design of Algorithms" from April 27-30, 2015, IIT, Kharagpur.
35. Attended one week STTP on "Cloud computing and Big Data Analysis" from November 10-14, 2014, organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
36. Attended one week STTP workshop on "Research Methodology and Current Trends" from December 16-20, 2013, organized by Shah& Anchor Engineering college, Mumbai.
37. Attended one week STTP "Network and Internet Security" November 23-27, 2009, organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.

38. Attended one week STTP on “Component Technology” from December 17-22, 2007, organized by FR.C. Agnel, Vashi, Navi-Mumbai
39. Attended one week STTP on “Wavelet Transform” from November 24-28, 2008, organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
40. Attended Two week STTP on “Opportunities and Trends in information system security” from November 20 to 01 December 2006, organized by Done Bosco Institute Technology, Kurla, Mumbai.
41. Attended one week STTP on “Wireless communication and Networking” from July 13-17, 2009, organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
42. Attended two week ISTE workshop “Effective teaching and Learning Computer Programming” from December 12-24, 2009, organized by IIT, Mumbai.
43. Attended one week successfully completed “National IP Literacy” from October 15-23, 2020, Organized under Kalam Program for IP Literacy.
44. Attended ISTE approved One week STTP on “Cyber Security in IoT Applications” from July 2-7, 2018, organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.

Attended short workshop/Webinar

1. Attended Two days “AI for Youth Program” from February 13-14, 2024, K. J. Somaiya Institute of Technology, Sion, Mumbai.
2. Attended one day “Faculty Enrichment Program on Cloud & Edge Computing and Python” with its use cases from February 27, 2024, Organized by LTIMindtree, Mahape Midc, Road Navi-Mumbai.
3. Attended online Webinar on “European Research Council” How to apply for the ERC Grants-Support for Indian Researchers from October 10, 2022, European Research Council.
4. Attended online Webinar “MSCA staff Exchange Call” How researchers and institution can collaborate with Europe from October 18, 2022, MSCA staff Exchange Call, How researchers and institution can collaborate with Europe.
5. Attended Webinar on “CYBER SECURITY: CHALLENGES&OPPURTUNITIES” from May 30, 2020, BV RAJU Institute of Technology, Narsapur, Telangana
6. Successfully Participated in Online National level Quiz on “BASICS OF COMPUTER SCIENCE” from May 22, 2020, organized by Shivajirao Jondhle College of Engineering, Asangaon, Thane.
7. Attended “Webinar on Data Analytics” from May 30, 2020, Shah & Anchor College, Chembur, Mumbai
8. Attended International Webinar on “The Role of Jainism in Future” from May 15, 2020, Conducted by the K.J. Somaiya Centre for Studies in Jainism.
9. Actively participated in the National Level Webinar on “INTERNET OF THINGS” from July 19, 2020, Organized by EXTC Department in KJSIEIT, Sion, Mumbai
10. Attended Expert talk on “Technology”, How it is going to impact Education in the Future?” from June 7, 2021, K. J. Somaiya Institute of Technology, Sion, Mumbai.
11. Attended the Webinar on “How to Avoid Plagiarism Using-URKUND as a Plagiarism Tool” from June 6, 2020, Organized by Knowledge Resource Center (Library), K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai in Association With eGalactic, Pune.

12. Attended actively participated in Webinar on “Intellectual Property Rights” June 5, 2020, Organized by V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapur, Karnataka, India
13. Actively participated in National Level webinar on “Internet of Things (I o T)” from July 17, 2020, Organized by Information Technology, KJSIE/IT, Sion, Mumbai (EXTC dept.)
14. Actively participated in “National Level webinar Block Chain” from July 15, 2020, K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai.
15. Actively participated in National Level webinar on “3 D Printing and Design” on July 14, 2020, K. J. Somaiya Institute of Technology, Sion, Mumbai.
16. Actively participated in National Level webinar “Cyber Security” on July 15, 2020, Organized by Information Technology, KJSIE/IT, Sion, Mumbai.
17. Actively participated in National Level webinar “Artificial intelligence” on July 13, 2020, Organized by Information Technology, KJSIE/IT, Sion, Mumbai.
18. Actively participated in Webinar on “Teachers are Leaders (TRL)” organized by IQAC-BVCOE, held on 23rd May 2020.
19. Attended webinar on “Reducing Stress and Creating Balance in COVID 19 Lockdown Period” on May 23, 2020, Organized by Department of Chemical Engineering, D.M.C.E. Airoli
20. Attended webinar on “Genomics and Its Impact on Everyday Life” on April 27, 2020, Organized by Somaiya Vidyavihar University, Mumbai, Association with Somaiya Institute for Research and Consultancy
21. Attended Webinar on “Star Certified Dev Ops Expert” on May 11, 2020, Star Certification Company.
22. Actively participated in National Level webinar on “Quantum Computing” on July 16, 2020, Organized by Information Technology, KJSIE/IT, Sion, Mumbai
23. Participated in the IIC Online Sessions conducted by Institution’s Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote “Innovation, IPR, Entrepreneurship, and Start-ups among HEIs” from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.
24. Attended Live webinar Faculty Development Program on “Outcome Based Education (OBE) Software Service” on July 4, 2020, Team vmedulife ISO:9001: 2015, Certified company, Pune, Bangalore, Hyderabad, info@vmedulife.com
25. Attended two days Faculty Development Program on “Online Teaching and E-Content” from June 11-12, 2020, Organized by S. K. Somaiya College in Association with Indian Institute of Digital Education, Somaiya Vidyavihar, University, Mumbai.
26. Attended Somaiya public lecture on “Only one world: Our Own to make and keep” by Dr. Larry P. Walker from Michigan state University, USA , on January 1, 2020, Somaiya Vidyavihar
27. Attended Two days’ workshop on “Design and development of virtual laboratory experiment organized Nodal center VLAB” from December 4-6, 2020, K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai.

28. Attended One day workshop on “Cooperative Learning and Flipped Classrooms” on October 14, 2019, organized by IQAC cell, K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai.
29. Attended Workshop on “Institute of Distance and Open Learning (IDOL): Provide knowledge and skills of academic counseling to the counselors” on February 7, 2019, University of Mumbai.
30. Attended Two days’ workshop on “NAAC Criteria 1 and 2” on February 17-18, 2017, organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai
31. Attended Two days’ workshop on “Outcome Based Education” from May 7-8, 2018, organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai
32. Attended one day workshop on “Academic Leadership Meet” on August 4, 2017, organized by TCET, Kandivali, Mumbai.
33. Attended One day Workshop on “NPTEL Awareness” on January 8, 2016, organized by KJSIEIT, Sion, Mumbai, IIT Bombay
34. Attended Two days’ workshop on “Recent Trends in Object Oriented Software Engineering (OOSE)” from September 18-19, 2019, PVPPCE, Sion, Mumbai.
35. Attended Two days’ workshop on “Mobile Cellular System and Wireless Lan” from July 30-31, 2004, organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai
36. Attended One day Workshop on “VLSI Design and VHDL” on September 14, 2002, organized by TSEC, Bandra, Mumbai.
37. Attended One day Workshop on “GNU/LINUX” on August 13, 2004, organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai.
38. Attended One day orientation program on “Data Warehousing and Business Intelligent” on July 23, 2010, organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai.
39. Attended One day orientation program on “Information storage management and disaster recovery” on January 22, 2011, organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai.
40. Successfully completed Technology Awareness Quiz on "Data Structures Using C" on May 29, 2020, Organized with Association and IEEE PCCOE Student Branch, Pimpri Chinchwad College of Engineering, Pune-44.
41. Successfully completed on line Quiz “DATA SCIENCE” on May 30, 2020, Organized by Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering , Bandra, Mumbai
42. Successfully participated in the online quiz with score 87% on “PROGRAMMING & PROBLEM SOLVING WITH PYTHON” Certificate is Awarded on May 24, 2020, Organized by Department of Computer Engineering, MET’s, Institute of Engineering, Adgaon, Nashik-03.
43. Successfully completed the National Level Quiz on “NBA” on May 29, 2020, Organized by the Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22.

44. Attended the KJSIT Faculty Research Symposium (FRS) 2025, a one-day program organized by the department of Information Technology in association with the Research, Development and Consultancy Cell of K.J.Somaiya Institute of Technology, Mumbai held on October 10, 2025.

Organized FDP /STTP Program

1. Organized one week ATAL Faculty development Program (FDP) online on “Leveraging Artificial Intelligence for Climate and Sustainability” Sponsored by AICTE, from February 3-8, 2025, K. J. Somaiya Institute of Technology, Sion, Mumbai.
2. Organized Institution’s Innovation Council (IIC) and Project Competition Cell (PCC) of K. J. Somaiya Institute of Technology (KJSIT) are organizing KJSIT Campus Hackathon 2025 on September 20, 2025 (Saturday).
- 1.2. Organized Computer Society of India (CSI), Students' Chapter of K. J. Somaiya Institute of Technology, Sion, Mumbai, is pleased to announce Code Odyssey 4.0 – An Institute-Level 30-Hour Offline Hackathon, scheduled on 27th – 28th September 2025.
3. Organized One week STTP on “Driving Innovation with DevOps” from December 9-14, 2019, K. J. Somaiya Institute of Technology, Sion, Mumbai
4. Organized two week FDP on “Research Methodology for PhD Aspirants” from May 5-16, 2014, K. J. Somaiya Institute of Technology, Sion, Mumbai.
5. Organized one week STTP “Network and Internet Security” November 23-27, 2009, organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
6. Organized ISTE approved One week STTP on “python, R- programming and Perl programming” from January 2-7, 2017, Organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.
7. Organized Expert talk on “AI Atmanirbhar Bharat: HEI Pre-Summit Engagements Towards India Impact on February 7th 2026, Institution’s Innovation Council (IIC). K.J.Somaiya Institute of Technology, Mumbai.

COURSE COMPLETED FOR CURRICULUM DEVELOPMENT

- 1) Completed on line course on “Learn Image processing Like Engineering” do (9 hrs and 65 videos or lectures), from December 14-17, 2022, Udemy- certificate courses
- 2) Completed on line course on “Project Management” level-1 (5 hrs and 45 videos or lectures), December 11-13, 2022, Udemy- certificate courses
- 3) Five week “Learning to Teach Online course” completed from Coursera -certification (20 hrs), from July 17-28, 2022, UNSW SYDNEW University.

ORGANIZED AND ATTENDED ORIENTATION PROGRAM FOR SYLLABUS REVISION

1. Organized Faculty Orientation Program On Mini-Project on July 3, 2020, organized by VIT, Mumbai
2. Attended Faculty Orientation Program On “Database Management System (ITC303) & SQL Lab” (ITL302), on July 2, 2020, Organized by K. J. Somaiya Institute of Engineering and Information Technology in association with University of Mumbai.
3. Organized “Orientation program on DevOps tools” on December 14, 2019, K. J. Somaiya Institute of Technology, Sion, Mumbai.

4. Organized one week STTP organized on “DevOps tools” from December 9-14, 2019, K. J. Somaiya Institute of Technology, Sion, Mumbai.
5. Attended Orientation program on “Management Information System” on July 1, 2019, organized by Pillai College, Panvel
6. Organized UG Syllabus revision meeting for “Software Engineering Subject” on April 7, 2017, K. J. Somaiya Institute of Technology, Sion, Mumbai.
7. Attended UG syllabus revision meeting attended for “Computer and Information Technology” on November 8, 2016, organized by Terna Engineering College, Nerul.
8. Attended Orientation program on “Software Engineering and Project Management” on January 9, 2019, organized by RAIT, Nerul
10. Organized Faculty Orientation program for revised syllabus on “Cryptography and Network Security Lab” on July 16, 2018, K. J. Somaiya Institute of Technology, Sion, Mumbai.

ORGANIZED CURRICULAR AND CO-CURRICULAR ACTIVITIES

1. Organized expert talk on “Self-Driven on Start-up” on August 3, 2024, by Mr. Ritesh Doshi, Interface Analyst, GEP Company, Minadspace, Airoli, K. J. Somaiya Institute of Technology, Sion, Mumbai.
2. Organized Organized expert talk on “Software Testing” on October 7, 2023, by Mr. Ritesh Doshi, Interface Analyst, GEP Company, Minadspace, Airoli, K. J. Somaiya Institute of Technology, Sion, Mumbai.
3. Organized Seminar on “Importance of Analysis for innovation” by Mr. Mitesh Shah, Solution Architect, Vernost Marketing Solutions, Mumbai, on May 8, 2021, K. J. Somaiya Institute of Technology, Sion, Mumbai.
4. Organized Guest lecture on “Problem analysis” on March 4, 2021, by Mr. Harshil Majithia, Senior Associate Consultant, Scrum Master at Infosys, pune, K. J. Somaiya Institute of Technology, Sion, Mumbai.
5. Organized Expert talk on “Agile Methodology and Project Management” on February 24, 2020, by Mr. Harshil Majithia, Project Manager from Techblocks, Pune. K. J. Somaiya Institute of Technology, Sion, Mumbai.
- 6 Organized Expert Talk on “Agile methodology & DevOps” on September 13, 2019, by Mr. Ashutosh Sabde and Ms. Preeti Kate from Tata Consultancy Service (TCS), Mumbai.
7. Organized Guest Lecture on “Mac OS & iOS” on October 4, 2016 by Mr. Navnath Memane Co-founder of “Appvissta software Pvt. Ltd company as well as ios faculty at iDeators Training Institute
8. Organized Guest Lecture on “Software Project Management” on October 3, 2018 by Mr. Harshil Majithia, Project Manager, Tech Blocks (S&P Global).
9. Organized Guest Lecture on “Software Project Development in IT Industry-Scrum Methodology” on October 11, 2018, by Mr. Omkar Kelkar, Analyst, TCS, Mumbai
10. Organized Guest Lecture on “Software Engineering” on March 19, 2018, by Harshil Anil Majithia, Senior Analyst ENDURANCE International group, Direct web technology Pvt.Ltd ,Nesco IT park, Gorgaon East, Mumbai.

ORGANIZED INSTITUTE LEVEL ACTIVITY

1. Organized two event program under Institute Innovation Cell (IIC) on “Entrepreneurship 2025 aimed to promote innovation and entrepreneurship through a series of competitions, workshops, and networking” from March 27-28, 2025, K. J. Somaiya Institute of Technology, Sion, Mumbai.
2. Organized two days “Hackathon event Code Odyssey 3.0” from October 5-6, 2024, under The Computer Society of India (CSI) of K J Somaiya Institute of Technology, Sion (An Autonomous Institute affiliated with the University of Mumbai) is organizing a National-Level offline Hackathon “Code Odyssey 3.0” for all students of various institutes across the nation, K. J. Somaiya Institute of Technology, Sion, Mumbai.
3. Organized Seminar on “3 6 9 Group Of Companies” October 24, 2024, under the Computer Society of India, K. J. Somaiya Institute of Engineering and Information Technology, Sion, hosted a seminar on 24th October 2024 titled "Career Horizons: Facing Challenges, Forging Futures," aimed at guiding students on career planning, global education, and international opportunities.
4. Organize a Webinar on “Overseas Education: Unlocking Opportunities Worldwide” on the 27th of November 2023, K. J. Somaiya Institute of Technology, Sion, Mumbai.

DEPARTMENT AND INSTITUTE LEVEL RESPONSIBILITY

1. Academic Audit Committee member from 2010 to till date, Department Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
2. Research and Development Committee member from 2010 to till date, Department Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
3. Head of Information Technology department from 2004 to 2007, K. J. Somaiya Institute of Technology, Sion, Mumbai
4. I/C, HOD of Information Technology Department from 2007 to 2019, K. J. Somaiya Institute of Technology, Sion, Mumbai
5. Program Assessment Committee member (PAC), from 2009 to till date, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
6. Affiliation committee member, from 2011 to 2019, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
7. NBA departmental Coordinator, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
8. Project guide for UG student, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
9. Appointed as Unfair Means Inquiry committee member on Institute level, K. J. Somaiya Institute of Technology, Sion, Mumbai
10. Appointed as senior supervisor for university exam from 2010 to 2024, K. J. Somaiya Institute of Technology, Sion, Mumbai
11. Appointed as Chief Conductor for university exam from 2024 to till date, K. J. Somaiya Institute of Technology, Sion, Mumbai
11. Appointed as Board of study member (Autonomous), K. J. Somaiya Institute of Technology, Sion, Mumbai

12. Paper setter in Mumbai University (UG and PG programs)
13. Laboratory in-charge, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
14. Time table coordinator from 2015 to 2018, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
15. Training and Placement Coordinator in Department of Information Technology from 2013 to 2015, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
16. Appointed as a Joint Chief Conductor for University Examination in 2012, University of Mumbai
17. IET member in 2014, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
18. Assistant coordination for direct second year Admission from 2014 to 2015, K. J. Somaiya Institute of Technology, Sion, Mumbai
19. Discipline Committee member from 2014 to 2015, K. J. Somaiya Institute of Technology, Sion, Mumbai
20. Admission Taskforce committee member from 04/02/2022 to till date, K. J. Somaiya Institute of Technology, Sion, Mumbai
22. UG and PG approved teacher in Mumbai University
23. Reviewer of ICAST conference papers and track coordinator, K. J. Somaiya Institute of Technology, Sion, Mumbai
24. Intellectual Property Right Cell member (IPR Cell), K. J. Somaiya Institute of Technology, Sion, Mumbai
26. CSI Committee member, K. J. Somaiya Institute of Technology, Sion, Mumbai
27. Convener of Institute Innovation Council (IIC). K. J. Somaiya Institute of Technology, Sion, Mumbai
28. Exam cell committee member on department level, Department of Information Technology, K. J. Somaiya Institute of Technology, Sion, Mumbai
29. Indian Society for Technical Education (ISTE) Member.
30. Appointed as a Chief Conductor (CC) for the exam to be conducted under autonomy at K. J. Somaiya Institute of Technology, Sion, Mumbai in the academic year 2024-2025.

DECLARATION

I hereby declare that all the information furnished above is correct to the best of my knowledge.

Place: Mumbai, Maharashtra

DR. MANSING RATHOD

Date: