

CURRICULUM VITAE

Name : Dr. Abhijit Ramesh Rao Joshi

Date of Birth : 5th March 1973

Place of Birth : Amravati (M.S.)

Address (Res.) : Flat No. 1001, Amrut Paradise, Near Swimming Pool Manisha Nagar, Kalwa (West), Thane - 400 605.

Mobile : 9869353187

Phone (Res.) : (91) – 022 – 25446469

Address (Office) : Shri Vile Parle Kelavani Mandal's Dwarkadas J.Sanghvi College of Engineering, Vile Parle (West), Mumbai-400 056.

Phone (Office) : (91) – 022 – 42335017

Fax (Office) : (91) – 022 – 26194988

E-mail : abhijit.joshi@djsce.ac.in
abhijitjoshi73@gmail.com



Publons Researcher ID:<https://publons.com/researcher/2953158/abhijit-joshi/>

Google Scholar Link:<https://scholar.google.com/citations?user=c6petFsAAAAJ&hl=en>

ORCID:<https://orcid.org/0000-0002-0723-2141>

Researchgate Link:<https://www.researchgate.net/profile/Abhijit-Joshi-6>

I. EDUCATION :

1. S. S. C. (1989 with Distinction), Shri Shivaji M. H. S. School, Amravati, Nagpur Board.
2. H. S. C. (1991 with Distinction), Shri Shivaji Science College, Amravati, Amravati Board.
3. B. E. Computer Science & Engg. (1995 with First Class), V. Y. W. S. College of Engineering Badnera, Dist. Amravati, Amravati University.
4. M. E. Electronics Specialization in Computer (2001 with First Class), Govt. College of Engg., Pune University.
5. Ph. D. in Engineering (2012) from NMIMS University.

Ph. D. Topic: “Building an Intelligent Learning Environment for Learning Indian Language: Marathi”.

II. EMPLOYMENT:

1. Served at Computer Society of India, as a Senior Faculty (1st July 1995 – 31st March 1996).
2. Served at The Service Consultancy, as a Senior Faculty (1st April 1996 – 31st March 1997).
3. Served at Bharati Vidyapeeth College of Engineering, Navi Mumbai as, a Lecturer in Computer Engg. Department (1st August 1997 – 31st August 1998).
4. Served at Usha Mittal Institute of Technology, SNDT Women’s University, Mumbai, as a Lecturer in Computer Sc. & Tech. (3rd January 2000 – 12th April 2004).
5. Serving at Shri Vile Parle Kelavani Mandal’s Dwarkadas J. Sanghvi College of Engineering, Mumbai, as –
 - Assistant Professor in Dept. of I. T. from 13th April 2004 to 30th Sept 2012.
 - Associate Professor in Dept. of I.T. from 1st Oct 2012 to 3rd July 2013.
 - Professor in Dept. of I.T. from 4th July 2013 till date.

III. TEACHING ASSIGNMENTS:

1. Computer Society of India:
 - (i) C Programming, 1995-96.
 - (ii) PASCAL Programming, 1995-96.
 - (iii) UNIX Operating System, 1995-96.
2. The Service Consultancy:
 - (i) C Programming, 1996-97.
 - (ii) PASCAL Programming, 1996-97.
 - (iii) UNIX Operating System, 1996-97.
3. Bharati Vidyapeeth College of Engineering:
 - (i) C Programming, 1997.
 - (ii) Lotus, 1997.
 - (iii) Discrete Structures, 1997-98.
 - (iv) Theoretical Computer Science, 1997-99.
 - (v) Artificial Intelligence, 1998.
4. Usha Mittal Institute of Technology:
 - (i) C Programming, 2000-01.
 - (ii) Discrete Structures, 2000-2003.
 - (iii) Design and Analysis of Algorithms, 2001-03.
 - (iv) Object Oriented Programming, 2002-04.
 - (v) Theoretical Computer Science, 2000-05.
 - (vi) Artificial Intelligence, 2001-02.
 - (vii) Programming Paradigms, 2001.
5. D. J. Sanghvi College of Engineering:
 - (i) Computer Simulation and Modeling, 2004 - 09.
 - (ii) Automata Theory, 2004 – 07, 2014 – till date.
 - (iii) Project Management, 2005 – 10.
 - (iv) Software Engineering, 2005.
 - (v) Database Systems, 2005 - 06.

- (vi) Neural Networks and Fuzzy Systems, 2006.
 - (vii) Simulation and Modeling, 2010 – till date.
 - (viii) Software Project Management, 2011 – till date.
 - (ix) Advanced Algorithms and Complexity, 2012 & 2013.
 - (x) Advanced Data Structures and Analysis of Algorithms, 2018 – till date.
 - (xi) Data Structures and Analysis, 2019
6. Narsee Monjee Institute of Management & Higher Studies (Visiting Faculty):
 - (i) Software Engineering, M.B.A. (Tech.) Trim V, 2005.
 - (ii) Computer Simulation and Modeling, M.B.A. (Tech.) Trim VI, 2006 - 10.
 - (iii) Software Architectures and Project Management, M. Tech Trim III, 2007 - 10.
 - (iv) Data Structures and Algorithms, MBA Tech., 2008.
 7. IIS, Kingston University, UK (Visiting Faculty):
 - (i) System Analysis and Design, 2006.
 8. MET Institute of Computer Science (Visiting Faculty):
 - (i) System Simulation and Modeling, 2014.

IV. ASSOCIATION WITH PROFESSIONAL BODIES AND INDUSTRY ASSOCIATIONS:

1. **Society of Automotive Engineers, Inc. (SAE International):-**
Student Grade of Membership – 1995 onwards.
2. **Indian Society for Technical Education:-**
Life Member – 2001 onwards.
3. **India Society of Manufacturing Engineers:-**
Life Member – 2012 onwards.
4. **Computer Society of India**
Nominee Member till 30th June 2019.

V. INTERACTED WITH INDUSTRY / TECHNICAL EDUCATION INSTITUTE

1. **Member of Supporting Technical Staff Selection Committees of Several Institutions:**
 - (i) Usha Mittal Institute of Technology, SNDT Women's University, (2001 - 2003).
 - (ii) S. B. M. Polytechnic, (2004).
 - (iii) Mukesh Patel School of Technology Management and Engineering, (2007 onwards).
 - (iv) D. J. Sanghvi College of Engineering, (2007 - 2016).
 - (v) PVPCOE, (2014)
 - (vi) M. H. Saboo Siddik College of Engineering, Mumbai, (2010 onwards)
2. Member of Panel of Examiners of various Universities and Institutions:
 - (i) S.N.D.T. Women's University
 - (ii) University of Mumbai
 - (iii) NMIMS Deemed to be University
3. Member of Panel for the selection of the Narotam Sekhsaria Scholar from 2010 onwards.
4. Attended meeting of Faculties from Computer and I.T. Department of Engineering Colleges affiliated to University of Mumbai to discuss issues

- related to the syllabus & conduction of practical for the subject ‘Computer Simulation and Modeling’ held at V.E.S.I.T. Mumbai, 1st Oct, 2004.
5. Attended meeting of Faculties from Computer and I.T. Department of Engineering Colleges affiliated to University of Mumbai to discuss issues related to the scheme & syllabus for B.E. (Computer engineering and B.E. (Information Technology) held at S.P.C.O.E. Mumbai, 20th Jan, 2005.
 6. Worked as a CAP Coordinator for Mumbai University, Dec – 2006.
 7. Interacted with the board of studies member of IT under the faculty of technology, University of Mumbai and design the syllabus of many subjects of third year and fourth year of IT as per the direction of chairman BOS, IT, University of Mumbai, 2010 - 11.
 8. Interacted with the board of studies member of IT and Computer under the faculty of technology, NMIMS University and also design the syllabus of many subjects of B. Tech./MBA. Tech. IT and Computer, 2007 – till date.
 9. Interacted with software/IT industries such as TCS, ACCENTURE, INFOSYS, MBT, etc for organizing STTP/workshop/seminars for students and faculty members of DJSCOE.
 10. Attended a meet on Industry Insight organized by J. P. Morgan on 15th March at J.P. Morgan, Prism Tower, Goregaon (w), Mumbai.
 11. Was the member of Technical Committee for the International Conference on Advances in Computing, Communication and Control 2013 organized by FrCRCE, Bandra, Mumbai.
 12. Chaired a session in ICATE 2013 organized by SVKM’s NMIMS, MPSTME at Hotel Sea Princess on 24th Jan 2013.
 13. Chaired a Technical Session in the National Conference on Computing and Information Technology at SBMP on 23rd Feb 2013.
 14. Was a Judge for Techno-Cultural Fest INNOVISION-2013 held on 22nd March, 2013 at RGIT, Andheri.
 15. As a Convener for the Syllabus Revision Committee of BE Sem VII (IT) in the subject “Software Project Management”, conducted a meeting at D J Sanghvi College of Engineering on 9th Jan 2014 to finalize the course content.
 16. Was a member of Syllabus Revision Committee of BE Sem VIII (IT) for the subject “Computer Simulation and Modeling”. In that connection, attended a meeting at SPIT on 16th Jan 2014 to finalize the course content.
 17. Chaired a session in the 4th International Conference on Advances in Computing, Communication and Control – 2015 organized by Fr. CRCE on 1st April 2015.
 18. As an Auditor, conducted the Subject Audit for the Information Technology Department, Fr. CRCE on 19th May 2015.
 19. Attended a meeting with VJTI Director and Program Coordinator, regarding the AICTE approved program ‘SHARE and MENTOR INSTITUTIONS (MARGDARSHAN)’ at VJTI, Matunga on 1st Feb 2017.
 20. As an Auditor, conducted Exam Audit of the various subjects, namely, Data Structures, Analysis of Algorithms and Artificial Intelligence of Information Technology Program at K. J. Somaiya College of Engineering on 4th January 2018.
 21. Chaired a session in the IEEE International Conference on Smart City and Emerging Technologies, organized by Universal College of Engineering on 5th January 2018.

22. As an Expert, conducted an Academic Audit of Computer Engineering Department, Fr. CRCE, Bandra, Mumbai on 29th June 2018.
23. One of the Expert of GBC Review Committee at C-DAC, Juhu, Mumbai. The committee conducted interviews/reviews of candidates/employees on Friday, July 20, 2018 at C-DAC, Juhu, Mumbai.
24. As an Expert, conducted an Academic Audit of Computer Engineering Department, Fr. CRCE, Bandra, Mumbai on 4th July 2019.
25. As a member, attended Academic Council meeting of Thakur College of Engineering and Technology, Mumbai on 20th July 2019.
26. As a member, attended Academic Council meeting of Thakur College of Engineering and Technology, Mumbai on 21st December 2019.
27. As a member, attended Academic Council Meeting of Thakur College of Engineering & Technology, Mumbai on 5th May 2020 from 3:00 pm - 5:00 pm.
28. As a member, attended Academic Council Meeting of Thakur College of Engineering & Technology, Mumbai on 20th March 2021.

VI. REVIEWER OF JOURNALS

1. IEEE Access
2. IEEE's Transactions on Knowledge and Data Engineering
3. Interactive Learning Environments
4. Africa Education Review

VII. LIST OF PAPERS PUBLISHED/PRESENTED IN NATIONAL / INTERNATIONAL CONFERENCE/JOURNAL

1. Joshi, A. R., Choubey, N. S. and Choubey, P. S. (2005). "An Object Oriented Database Approach to Pre-shipment Processing Documentation of an Export Company", Presented and Published in the Proceedings of the National conference on Database Management and Networks, Erode Sengunthar Engineering College, Thudupathi, Tamilnadu, India.
2. Choubey, N. S., Joshi, A. R. and Choubey, P. S. (2005). "An Application of Genetic Algorithm to Optimal Shop Scheduler", Presented and Published in the Proceedings of the National Conference on Database management and Networks, Erode Sengunthar Engineering College, Thudupathi, Tamilnadu, India.
3. Joshi, A. R. and Sasikumar, M. (2007). "Intelligent Learning Environment for Learning Indian Languages", Presented and Published in the Proceedings of the National Conference on New Horizons in Technology and Applications, Mumbai, Maharashtra, India, pp. 26-35.
4. Sasikumar, M. and Joshi, A. R. (2007). "Intelligent Instructional Systems for Language Learning", Presented and Published in the Proceedings of the Instructional Conference on Research Trends in Information Technology, Kolhapur, Maharashtra, India, pp. 68-76.
5. Joshi, A. R. and Sasikumar, M. (2008). "Constructivist Approach to Teach Inflections in Marathi Language", Presented and Published in the Proceedings of the National Conference on Advances in Technology and Recent Developments, Mumbai, Maharashtra, India, pp. 10-16.
6. Busa, N., Buch, R., Siddiqui, S. and Joshi, A. R. (2008). "Intelligent Tutoring System for Indian Languages", Presented and Published in the Proceedings of

- the National Conference on Engineering Trends in Computer Technology, Sarvajanic College of Engineering & Technology, Surat, Gujarat, India.
7. Doshi, P. Bhatt, R. Bhatia, A. and Joshi, A. R. (2008). “Innovative Scheduling Algorithms to Improve Performance in Grid Computing”, Presented and Published in the Proceedings of the National Conference on Emerging Trends in Computer Technology, Sarvajanic College of Engineering & Technology, Surat, Gujarat, India.
 8. Pandya, J., Mehta, P., Mahadeshwar, M. and Joshi, A. R. (2008). “Evaluation of Grid using Globus Tool Kit”, Presented and Published in the Proceedings of the National Conference on Emerging Trends in Computer Technology, Sarvajanic College of Engineering & Technology, Surat, Gujarat, India.
 9. Joshi, A. R. and Sasikumar, M. (2009). “A Constructivist Approach to Teaching Sentences in Indian Languages”, Presented and Published in ACM Digital Library and the Proceedings of the International Conference on Advances in Computing, Communication and Control, Fr. CRCE, Bandra, Mumbai, Maharashtra, India, pp. 14-19. (DOI: [10.1145/1523103.1523107](https://doi.org/10.1145/1523103.1523107))
 10. Kadakia, S., Salyankar, S., Shah, S. and Joshi, A. R. (2009). “Simulation of Real Estate Price Environment”, Presented and Published in the Proceedings of the National Conference on Emerging Trends in Computer, Communication and Information Technology, K. J. Somaiya College of Engineering, Mumbai, Maharashtra, India.
 11. Joshi, A. R. and Sasikumar, M. (2009). “A Constructivist Approach to Teaching Sentences in Indian Language”, Presented and Published in IEEE Xplore and the Proceedings of the International Conference on Technology for Education, Bangalore, Karnataka, India, pp. 79-84. (DOI: [10.1109/T4E.2009.5314099](https://doi.org/10.1109/T4E.2009.5314099))
 12. Shah, T., Shetty, P., Gorasia, D. and Joshi, A. R. (2010). Augmented Reality, Published in National Journal – Technofocus, Volume 1, pp. 1-3.
 13. Chaudhari, D., Joshi, A. R., Gera, N., Sharma, A. and Bagadia, S (2012). “Short Term Natural Gas Demand Forecasting using Neural Networks”, Presented and Published in the Proceedings of the International Conference on New Vistas in Entrepreneurial Endeavors, Neville Wadia Institute of Management Studies & Research, Pune, Maharashtra, India.
 14. Thakkar, V., Shah, A., Thakkar, M., Joshi, A. R. and Mendjoge, N. (2012). “Learning Maths using Gesture”, Published in IEEE Xplore and Proceedings of the International Conference on Education & E-learning Innovations (ICEELI), Sousse, Tunisia. (DOI: [10.1109/ICEELI.2012.6360617](https://doi.org/10.1109/ICEELI.2012.6360617))
 15. Joshi, Abhijit and Sasikumar M. (2012). “A Scaffolding Model – An Assessment for Learning of Indian Language”, Published in IEEE Xplore and Proceedings of the International Conference on Education & E-learning Innovations (ICEELI), Sousse, Tunisia. (DOI: [10.1109/ICEELI.2012.6360618](https://doi.org/10.1109/ICEELI.2012.6360618))
 16. Chaudhari, D., Joshi, A. R., Prasad, R., Shah, A. and Mehta, P. (2012). Voice Recognition System Using Neural Network, Published in the International Journal of Information and Computation Technology, Volume 2, No. 2, pp. 147-150.
 17. Raut, P., Joshi, A. R., Desai, R. and Dewan, D. (2013). “Stock Market Analysis Using Fuzzy Logic”, Published in the Proceedings of National

- Conference on Computing and Information Technology, Mumbai, Maharashtra, India.
18. Mandot, C., Muchhala, V., Kanbar, D., Joshi, A. R. and Dias, S. (2013). Calculating Discount On Premium For Car Using Rashness Index Calculator, Published in the International Journal of Scientific and Engineering Research (IJSER), Volume 4, Issue 7, July 2013 Edition (ISSN 2229-5518).
 19. Desai, R., Dave, R., Mehta, R., Benjamin, S. and Joshi, A. (2013). Interactive Circuits Using Augmented Reality, Published in the International Journal of Scientific and Engineering Research (IJSER), Volume 4, Issue 7, July 2013 Edition (ISSN 2229-5518)
 20. Joshi, A. R., Raut, P. P., Desai, V., Doshi, H. and Shah, K. (2013). “Cricket Team Selection Using Artificial Intelligence”, Published in the Proceedings of International Conference on Advances in Communication and Computing Technologies (ICACACT), PVPPCOE, Mumbai, Maharashtra, India, pp. 27.
 21. Desai, Darshana and Joshi, Abhijit (2014). Stream Data Classifier with Ensemble Cluster, Published in International Journal of Engineering Research & Technology (IJERT), Volume 3, Issue 1, Jan 2014. (ISSN: 2278-0181)
 22. Ranade, Aparna and Joshi, A. R. (2014). Generation of Web Pages from Document Image, Published in the Proceedings of International Conference and Workshop on Advanced Computing 2014, Thakur College of Engineering, Mumbai, Maharashtra, India and in International Journal of Applied Information Systems (IJAIS), ICWAC 2014 (2): 17 – 20, June 2014.)ISBN: 978-93-65823-75-0h)
 23. Mehta, N., Jagani, P., Parekh, J., Joshi, A. and Katre, N. (2014). “Big Bang Chess”, Published in the Proceedings of International Conference and Workshop on Advanced Computing 2014, Thakur College of Engineering, Mumbai, Maharashtra, India.
 24. Kanere, Ketan and Joshi, Abhijit (2014). A Framework for Nested Web Services, Published in International Journal of Engineering Research & Technology (IJERT), Volume 3, Issue 3, March 2014. (ISSN (Online) : 2278-0181)
 25. Ranade, Aparna and Joshi, A. R. (2014). Techniques for Understanding User Usage Behavior on the Internet, Published in International Journal of Computer Applications (IJCA), Volume 92, Number 7: 41– 44, April 2014. (ISBN: 973-93-80881-27-5)
 26. Joshi, A., Mehta, R., Bose, A. and Shah, K. (2014). An Immersive Learning Approach to Teach Science Experiments, Published in the International Journal of Scientific and Engineering Research (IJSER), Vol. 5, Issue 5, May 2014 Edition. (ISSN 2229-5518).
 27. Advani, L., Naik, S., Ray, R., Joshi, A. R. and Nagare, A. (2014). Eye Simulation Using 3D Animation, Published in the International Journal of Scientific and Engineering Research (IJSER), Volume 5, Issue 5, May 2014 Edition. (ISSN 2229-5518)
 28. Iyer, A., Kanchwala, Q., Wagh, T. and Joshi, A. (2014). An Interactive E-learning Approach to Wind Energy Concepts Using Low Cost Access Devices, Published in the International Journal of Scientific and Engineering Research (IJSER), Volume 5, Issue 6, June 2014. (ISSN 2229-5518)
 29. Dalvi, P., Oulkar, S., Cotecha, S., Joshi, A. R. and Dalvi, H. (2014). Word Problem Solver for Probability, Published in International Journal of

- Engineering Research and Applications (IJERA), Volume 4, Issue 7 (Version 1): 76-81, July 2014. (ISSN: 2248-9622)
30. Kanere, Ketan and Joshi, Abhijit (2014). "Architecture of Real Time Messaging Server using Duplex Web Services", Published in IEEE Xplore and Proceedings of International Conference on Advances in Communication and Computing in Association with International Journal on Computer Applications, PVPPCOE, Mumbai, Maharashtra, India, August 2014. (DOI: [10.1109/EIC.2015.7230710](https://doi.org/10.1109/EIC.2015.7230710))
 31. Desai, Darshana and Joshi, Abhijit (2015). "A Deviant Load Shedding System for Data Stream Mining". Presented in the International Conference on Advanced Computing Technologies and Applications (ICACTA), 26th - 27th March, 2015 and published in Elsevier, Procedia Computer Science, Volume 45. (DOI: [10.1016/j.procs.2015.03.103](https://doi.org/10.1016/j.procs.2015.03.103))
 32. Halbe, Aparna and Joshi, Abhijit (2015). "A Novel Approach to HTML Page Creation Using Neural Network". Presented in the International Conference on Advanced Computing Technologies and Applications (ICACTA), 26th - 27th March, 2015 and published in Elsevier, Procedia Computer Science, Volume 45. (DOI: [10.1016/j.procs.2015.03.122](https://doi.org/10.1016/j.procs.2015.03.122))
 33. Kale, Ashwini and Joshi, Abhijit (2015). "A Predictive Business Ranking System: For Local Businesses". Presented in the International Conference on Advanced Computing Technologies and Applications (ICACTA), 26th - 27th March, 2015 and published in Elsevier, Procedia Computer Science, Volume 45. (DOI: [10.1016/j.procs.2015.03.152](https://doi.org/10.1016/j.procs.2015.03.152))
 34. Waghela, A., Doshi, N., Vora, R., Parikh, J., Joshi, A. and Dalvi, H. (2015). "CompareKart". Presented in the International Conference on Advanced Computing Technologies and Applications (ICACTA), 26th - 27th March, 2015 and published in Elsevier, Procedia Computer Science, Volume 45. (DOI: [10.1016/j.procs.2015.03.107](https://doi.org/10.1016/j.procs.2015.03.107))
 35. Gosalia, N., Jain, P., Shah, I., Joshi, A., Sahasrabudhe, S. and Katre, N. (2015). "3D Gesture-Recognition Based Animation Game". Presented in the International Conference on Advanced Computing Technologies and Applications (ICACTA), 26th - 27th March, 2015 and published in Elsevier, Procedia Computer Science, Volume 45. (DOI: [10.1016/j.procs.2015.03.138](https://doi.org/10.1016/j.procs.2015.03.138))
 36. Dhami, R., Joshi, A. R., Sawant, V. and Mendjoge, N. (2015). "Automatic Question Generator", Published in The International Journal of Science & Technoledge, Journal Volume III, Issue XI, November, 2015 with Impact Factor: 1.002 (IIFS).
 37. Desai, D., Joshi, A. Shah, C. and Shah, K. (2016). "Analysis and Detection of Eventful Messages in Instant Messengers", Presented and Published Proceedings of IndiaCom-2016, 16-18 March 2016, Bharati Vidyapeeth, New Delhi, India. (EID: 2-s2.0-84997079107)
 38. Mendjoge, N., Joshi, A. and Narvekar, M. (2016). "Review of Knowledge representation techniques for Intelligent Tutoring Systems", Presented and Published in IEEE Xplore and Proceedings of IndiaCom-2016, 16-18 March 2016, Bharati Vidyapeeth, New Delhi, India. (EID: 2-s2.0-84997530325)
 39. Kurup, L., Joshi, A. and Shekokar, N. (2016). "A Review On Student Modeling Approaches In ITS", Presented and Published in IEEE Xplore and Proceedings of IndiaCom-2016, 16-18 March 2016, Bharati Vidyapeeth, New Delhi, India. (EID: 2-s2.0-84997078010)

40. Mendjoge, N., Joshi, A. and Narvekar, M. (2016). "Intelligent Tutoring System for Database Normalization", Presented and Published in the Proceedings of ICCUBEA 2016, 12-13 August 2016, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and IEEE Xplore. (DOI: [10.1109/ICCUBEA.2016.7860013](https://doi.org/10.1109/ICCUBEA.2016.7860013))
41. Neogi, O., Patil, S., Prabhu, C., Joshi, A. and Mendjoge, N. (2016). "E-learning System using Augmented Reality", Presented and Published in the Proceeding of ICCUBEA 2016, 12-13 August 2016, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and IEEE Xplore. (**Received the Best Paper Award**) (DOI: [10.1109/ICCUBEA.2016.7860038](https://doi.org/10.1109/ICCUBEA.2016.7860038))
42. Kurup, L., Joshi, A. and Shekokar, N. (2016). "Intelligent Tutoring System for English Punctuation", Presented and Published in the Proceeding of ICCUBEA 2016, 12-13 August 2016, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and IEEE Xplore. (DOI: [10.1109/ICCUBEA.2016.7860019](https://doi.org/10.1109/ICCUBEA.2016.7860019))
43. Dalvi, H., Joshi, A. and Shekokar, N. (2016). "Fog Computing – A Next step to Real Time Big-Data Analytics", Presented and Published in the Proceeding of the Conference on Fog Computing – A Next step to Real Time Big-Data Analytics, 12th August 2016.
44. Dalvi, H., Joshi, A. and Shekokar, N. (2016). "Trustworthiness Evaluation System in E-Commerce Context", Presented and Published in the Proceeding of ICCUBEA 2016, 12-13 August 2016, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and IEEE Xplore. (**Received the Best Paper Award**) (DOI: [10.1109/ICCUBEA.2016.7860036](https://doi.org/10.1109/ICCUBEA.2016.7860036))
45. Sanghvi, S., Shah, H., Haria, S., Joshi, A. and Dalvi, H. (2016). "Developing Hedging Strategies", Presented and Published in the Proceeding of ICCUBEA 2016, 12-13 August 2016, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and IEEE Xplore. (**Received the Best Paper Award**) (DOI: [10.1109/ICCUBEA.2016.7860012](https://doi.org/10.1109/ICCUBEA.2016.7860012))
46. D'britto, M. and Joshi, A. (2017). "Analysis of Image Retrieval Techniques", Presented in the International Conference on Computer Communication and Informatics, 5-7 Jan 2017, Shri Shakti Institute of Engineering and Technology Coimbatore, India and Published in IEEE Xplore. (DOI: [10.1109/ICCCI.2017.8117740](https://doi.org/10.1109/ICCCI.2017.8117740))
47. Naik, K. and Joshi, A. (2017). "Role of Big Data in Various Sectors", Presented in the International Conference on I-SMAC (IOT in Social, Mobile, Analytical and Cloud), 10-11 February 2017, SCAD Institute and Technology, Coimbatore, India and Published in IEEE Xplore. (DOI: [10.1109/I-SMAC.2017.8058321](https://doi.org/10.1109/I-SMAC.2017.8058321))
48. Lemos, J. and Joshi, A. (2017). "Search Engine Optimization to Enhance User Interaction", Presented in the International Conference on I-SMAC (IOT in Social, Mobile, Analytical and Cloud), 10-11 February 2017, SCAD Institute and Technology, Coimbatore, India and Published in IEEE Xplore. (DOI: [10.1109/I-SMAC.2017.8058379](https://doi.org/10.1109/I-SMAC.2017.8058379))
49. Salvi, V., Vasanwalla, A., Aute, N. and Joshi A. (2017). "Virtual Simulation of Technical Interviews", Presented and Published in the Proceeding of ICCUBEA 2017, 17-18 August 2017, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and to be published in IEEE Xplore. (DOI: [10.1109/ICCUBEA.2017.8463876](https://doi.org/10.1109/ICCUBEA.2017.8463876))

50. Mehta, S., Jain, P., Vora, A., Joshi, A. and Dalvi, H. (2017). "Augmented Reality Books: An Immersive Approach to Learning", Presented and Published in the Proceeding of ICCUBEA 2017, 17-18 August 2017, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and to be published in IEEE Xplore.
51. Singh, P., Doshi, V., Pathak, P., Joshi, A. and Dalvi, H. (2017). "3D Modelling of Customized Jewelry", Presented and Published in the Proceeding of ICCUBEA 2017, 17-18 August 2017, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and to be published in IEEE Xplore.
52. Naik, K., Joshi, A., Khanna, P. and Shekokar, N. (2017). "A model to Analyse Social Media Data to Gain a Competitive Edge", Presented and Published in the Proceeding of ICCUBEA 2017, 17-18 August 2017, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and to be published in IEEE Xplore. **(Received the Best Paper Award)**
(DOI: [10.1109/ICCUBEA.2017.8463792](https://doi.org/10.1109/ICCUBEA.2017.8463792))
53. Lemos, J., Joshi, A., Khanna, P. and Shekokar, N. (2017). "Application for Selecting Dynamic Optimum Path Parameters in Routing Network using School Bus Routing Problem", Presented and Published in the Proceeding of ICCUBEA 2017, 17-18 August 2017, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and to be published in IEEE Xplore.
54. Lemos, J. Y., Joshi, A. R., D' Souza, M. M. and D' Souza, A. D. (2018). "Design a Smart and Intelligent Routing Network using Optimization Techniques", Presented in 2nd International Conference on Data Management, Analytics and Innovation, 19-21 January 2018, Audyogik's Tantra Shikshan Sanstha's, Institute of Industrial and Computer Management and Research, Pune and Published in Springer AISC Series. (DOI: [10.1007/978-981-13-1274-8_23](https://doi.org/10.1007/978-981-13-1274-8_23))
55. Lemos, J., Shroff, M., Joshi, A., D'Souza, M. (2018). "Analyzing the Performance of ACO, HBO and Greedy Randomized Approach in Routing Network". Presented and to be Published in IEEE Xplore and Proceedings of IndiaCom-2018, 14-16 March 2018, Bharati Vidyapeeth, New Delhi, India.
56. Taldeokar, A., Shroff, M., Joshi, A. (2018). "Stock Market Price Movement Prediction using Hybrid Neural Network", Presented and to be Published in IEEE Xplore and Proceedings of IndiaCom-2018, 14-16 March 2018, Bharati Vidyapeeth, New Delhi, India.
57. Mane, P. R., Patel, V. H., Yadav, S. S. and Joshi, A. R. (2018). "OurSolar - A Solar Energy Consultant using Artificial Neural Network", Published in the Proceeding of ICCUBEA 2018, Pimpri-Chinchwad College of Engineering, Pimpri-Chinchwad and IEEE Xplore.
58. D'britto, M., Joshi, A. and Shekokar, N. (2018). "Interface for physically disabled", Presented in International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering-ICRIEECE, 27th & 28th July 2018 Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, India and to be Published in IEEE Xplore.
59. Desai, S., Shraddha, R., Dsouza, R. and Joshi, A. (2019). "Dynamic Document Representation Using Auto Summarization", Published in IJSART - Volume 5 Issue 2 – February 2019.
60. Jakheliya, B., Kothari, R., Darji, S. and Joshi, A. (2019). "Using Deep Autoencoders to Improve the Accuracy of Automatic Playlist Generation",

- Presented in International Conference on Innovative Data Communication Technologies and Applications (ICIDCA) – 2019, Organized by RVS College of Engineering and Technology, October 17-18, 2019, Coimbatore, India and published in Springer 'Lecture Notes in Data Engineering and Communication Technologies' Series. (DOI: [10.1007/978-3-030-38040-3_71](https://doi.org/10.1007/978-3-030-38040-3_71))
61. Vyas, N., Kothari, H., Jain, A. and Joshi, A.R. (2019). “Automated Question and Test-paper Generation System” Accepted by International Journal of Computer Aided Engineering and Technology, Inderscience Publishers (In press).
 62. Kansara, D., Shinde, A., Suba, Y. and Joshi, A. (2020). “Optimizing Reverse Image Search by Generating and Assigning Suitable Captions to Images”, Presented in 2nd International Conference on Advanced Computing Technologies and Applications, Organized by SVKM’s Dwarkadas Jivanlal Sanghvi College of Engineering, February 28-29, 2020, Mumbai, India and published in Springer 'Algorithms for Intelligent Systems' Series.
 63. Kasbekar, A., Rana, R., Shah, V. and Joshi, A. R. (2020). “Detecting Offensive Text on Facebook Using Natural Language Processing and Machine Learning”, Presented in 2nd International Conference on Advanced Computing Technologies and Applications, Organized by SVKM’s Dwarkadas Jivanlal Sanghvi College of Engineering, February 28-29, 2020, Mumbai, India and published in Springer 'Algorithms for Intelligent Systems' Series.
 64. Nalage, P., Parekh, J., Metha, A. and Joshi, A. R. (2020). “User-Based Personalized Text Summarizer”, Presented in 2nd International Conference on Advanced Computing Technologies and Applications, Organized by SVKM’s Dwarkadas Jivanlal Sanghvi College of Engineering, February 28-29, 2020, Mumbai, India and published in Springer 'Algorithms for Intelligent Systems' Series.
 65. Darji, K., Darji, S., Nisar, S. and Joshi, A. (2020). “Automatic Dermatoglyphics Multiple Intelligence Test based on Fingerprint Analysis using Convolution Neural Network”, Presented in 2nd Scopus-Indexed Springer International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2020), Organized by RVS College of Engineering & Technology, September 03-05, 2020, Coimbatore, Tamilnadu, India and Published in the Proceeding of ICIDCA 2020, which is indexed by Springer.
 66. Singh, B., Rizvi, A. A., Marathe, A. and Joshi, A. R. (2020). “Retaining Named Entities for Headline Generation”, Presented in 2nd International Conference on Inventive Computation and Information Technologies (ICICIT - 2020), Organized by RVS Technical Campus, September, 24-25, 2020, Coimbatore, Tamilnadu, India and Published in Springer Lecture Notes in Networks and Systems.
 67. Bhuse P., Jain J., Shaju A., John V., Joshi A., Rajendran R. (2021). SQLearn: A Browser Based Adaptive SQL Learning Environment. In: Sottolare R.A., Schwarz J. (eds) Adaptive Instructional Systems. Design and Evaluation. Third International Conference, AIS 2021, Held as Part of the 23rd HCI International Conference, HCII 2021, Virtual Event, July 24–29, 2021. Lecture Notes in Computer Science, vol 12792. Springer, Cham. Print ISBN: 978-3-030-77856-9 Online ISBN: 978-3-030-77857-6 (DOI: https://doi.org/10.1007/978-3-030-77857-6_9)

68. K. Gala, M. Somaiya, M. Gopani and A. Joshi (2021). "Picture Tales: An Approach for Story Generation Using a Series of Images," 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies (GUCON), 2021, pp. 1-5, (DOI: [10.1109/GUCON50781.2021.9573954](https://doi.org/10.1109/GUCON50781.2021.9573954)).
69. S. Malkan, S. Dsouza, S. Dasmohapatra, M. Jain and A. Joshi, "Navigation using Object Detection and Depth Sensing for Blind People," 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies (GUCON), 2021, pp. 1-7, (DOI: [10.1109/GUCON50781.2021.9573981](https://doi.org/10.1109/GUCON50781.2021.9573981)).
70. Patadia, D., Kejriwa, S., Mehta, P. and Joshi, A. (2021). "Zero-shot Approach for News and Scholarly Article Classification", Presented in 7th International Conference on Advances in Computing, Communication & Control (ICAC3-2021), Organized by FRCRCE, December, 3-4, 2021, Mumbai, Maharashtra, India and to be published in IEEE Xplore.
71. Dhami, J., Dave, N., Bagwe, O., Joshi, A. and Tawde, P. (2021). "Deep Learning Approach to Predict Software Development Cycle Model", Presented in 7th International Conference on Advances in Computing, Communication & Control (ICAC3-2021), Organized by FRCRCE, December, 3-4, 2021, Mumbai, Maharashtra, India and to be published in IEEE Xplore.
72. Shah, R., Gadia, R., and Joshi, A. (2021). "A Novel Approach to Sorting Algorithm", Presented in International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC-2021), Organized by Department of Computer Science, Institute of Science, Banaras Hindu University, December, 17-18, 2021, Varanasi, India and to be published in Communications in Computer and Information Science (CCIS) series of Springer publisher.

VIII. LIST OF LECTURES/SEMINARS DELIVERED:

1. Application of P. C. to Automobile.
2. Synchronize Multimedia Integration Language.
3. Virtual Reality Modeling Language.
4. "Intelligent Learning Environment", at STTP on Advance Computing, organized by Department of Computer Engg., D. J. Sanghvi College of Engg., January, 2008.
5. "A Social Ontology for Integrating Security and Software Engineering", at STTP on Integrating Security & Software Engineering, organized by Department of Information Technology, D. J. Sanghvi College of Engineering, June, 2008.
6. "Need of Business Intelligence in Current Scenario", at one day faculty orientation program on Data Warehousing and Business Intelligence, organized by Department of Information Technology, K. J. Somaiya Institute of Engineering and Information Technology, July, 2010.
7. "Simulation and Modeling using GPSS", at Bharati Vidyapeeth college of Engineering, Navi Mumbai, Oct, 2010.
8. Conducted an Orientation Programme in the subject "Software Project Management" at Terna College of Engineering on 31st July 2015.

9. "Building an Intelligent Environment for E-Learning" at the IEEE International Conference on Smart City and Emerging Technologies, which was organized by Universal College of Engineering on 5th January 2018.
10. Conducted 3 orientation sessions on "Assessment Metrics for Laboratory and Tutorial based on Bloom's Taxonomy" for faculty members of DJSCE on 3rd, 5th & 7th Feb 2020.
11. A webinar on "MS Word (for Beginners)" on 4th June 2020 for support staff of SVKM.
12. A webinar on "MS Word (Advanced)" on 11th June 2020 for support staff of SVKM.
13. A Webinar on "Writing Course Outcomes", on 6th August, 2021, organized by IQAC-DJSCE.
14. An Orientation Program for newly joined faculty members at DJSCE on "Expectations of Examination Section from a Teacher", on 28th January, 2022, organized by IQAC-DJSCE.

IX. LIST OF BOOKS PUBLISHED:

1. Joshi, A.R. (2007). Computer Simulation and Modeling, 1st Edition, Vipul Prakashan.
2. Joshi, A. R. (2009). Computer Simulation and Modeling, 2nd Edition, Vipul Prakashan.
3. Joshi, A. R. (2011). Computer Simulation and Modeling, 3rd Edition, Vipul Prakashan.
4. Joshi, A. R. (2012). Computer Simulation and Modeling, 4th Edition, Vipul Prakashan.
5. Joshi, A. R. (2014). System Simulation and Modeling, 1st Edition, Vipul Prakashan.
6. Joshi, A. R. (2015). System Simulation and Modeling, 2nd Edition, Vipul Prakashan.
7. Joshi, A. R. (2016). Computer Simulation and Modeling, Revised 1st Edition, Vipul Prakashan.
8. Joshi, A. R. (Jan - 2018). Computer Simulation and Modeling, Revised 2nd Edition, Vipul Prakashan.

X. INDUSTRIAL TRAINING ATTENDED:

1. Five days FDP on "Software Engineering" at Tata Consultancy Ltd., Mumbai, 19 – 23 Feb 2005.
2. A Two days Workshop on "Demystifying E-Learning", at C-DAC, Navi-Mumbai, 16th and 17th Dec – 2006.
3. A One day Workshop on "Instructional Design Workshop", at IIT, Bombay, on 28th November '09.
4. A four day Workshop on "IBM Rational SEED Program", 2010.

XI. PARTICIPATION IN CONFERENCES, TRAINING PROGRAMMES/FDP AND SEMINARS:

1. A two weeks workshop on "Theoretical Computer Science & Discrete Structures", at S.P.C.O.E., Mumbai, May – 1998.
2. A Seminar on "Novell Network", organized by Novell, at Taj Hotel Mumbai, November' 2000.

3. A Seminar on “Accreditation Concepts Criteria & Process”, organized by BMA, 13th October’ 01.
4. A Workshop on “Object Modeling and Design with UML”, at U.M.I.T., Mumbai, 19 – 30 November’ 01.
5. A Workshop on “Parallel Programming”, at U.M.I.T, Mumbai, May 2002.
6. 33rd ISTE Annual Convention held at Kumaraguru College of Technology, Coimbatore, 27 – 30 December’ 03.
7. A Seminar on “Learning Shaastra” organized by N.I.I.T. on January, 2004.
8. National Conference on ‘SANGAM – Meeting of Minds, Working Together for I.T. Development’ organized by Tata Consultancy Services Ltd; at T.C.S. Delhi, 21st February’ 2004.
9. National Conference on “Information and Communication Technology (NCICT): Recent Trends and Future Challenges”, organized by D. J. Sanghvi college of Engineering, 24 – 26 February’ 2006.
10. A Seminar on “Intellectual Property Rights” at DJSCOE, Mumbai, 2009
11. A Seminar on “Facing Challenging Times – Do more with less” at Hotel ITC Grand Central, Parel, Mumbai organized by IBM & Network 18 Media and Investments Ltd., on 7th October’ 09.
12. A Seminar on EMC² Academic Alliance Program”, at PCS, Airoli, Navi Mumbai, organized by PCS, EMC2 and MPSTME, on 13th November’ 09.
13. A Seminar on “Artificial Intelligence Tools (Weka, Anumaan and Eclipse) for areas such as NLP, M/c Learning, Neural Network”, at CDAC, Kharghar, Navi Mumbai, organized by CDAC, on 21st November’ 09.
14. “PIVOT 2010 - A Confluence of Academic & Industry”, at Hotel Sea Princess, Organized by EMC & Vidyalankar Institute of Technology, on 27th November’ 10.
15. Participated as a member of “Learning Management System for DJSCE” team at the competition of “Best Educational Quality Enhancement Team President Award 2010”, organized by NCQM, held on 26th February, 11.
16. A one day work shop on “Blackboard Learn 9.1”, at CNM School, organized by SVKM, on 25th February’ 12.
17. A Seminar on “New Accreditation Process”, at MPSTME, NMIMS University, on 2nd July’ 12.
18. A Seminar on “Ranking of Engineering Colleges in the Country for Competition Success Review (CSR)”, at MPSTME, NMIMS University, on 18th July’ 12.
19. A one day training programme on “Blackboard 9 Learn” at NMIMS University, on 17th September’ 2012.
20. A one day training programme on “Lectora Snap” at NMIMS University, on 18th September’ 2012.
21. One week STTP on “Automata Theory”, at FRCRCE, Vashi, Navi Mumbai, 18 – 22 November, 2013.
22. A seminar on “Placements” organized by Skill Assure on 9th January’ 2014.
23. A one day NBA workshop organized by DJSCE on 16th September’ 2015.
24. A 3rd World Summit on Accreditation (WOSA 2016); organized by National Board of Accreditation (NBA) during 18th – 19th March’ 2016 at Gurgaon.
25. Microsoft’s 1-day International Conference - “Future Decoded” on 21st February’ 2017 at J.W. Marriott, Sahar, Mumbai.

26. An orientation programme on “Advanced Data Structures and Analysis of Algorithms”, Organized by Ramrao Adik Institute of Technology (RAIT) on behalf of University of Mumbai on 11th July’ 2018.
27. An Asia Pacific Educator Symposium on “Artificial Intelligence”, Organized by Savex Technologies & Huawei on 13th December 2019 at Taj President, Mumbai.
28. A Faculty Development Program on “Effective Pedagogy in Class Room Teaching of Engineering Education” on 8th January 2020, organized by D. J. Sanghvi College of Engineering, Mumbai.
29. One-day workshop on “Unlock Limitless Learning” #Learn The Next Higher Education Customer, focusing on the Transform the learning experience at Institute, on 2nd March 2020 organized by Microsoft, Mumbai.
30. A training on Microsoft Teams on 17th April 2020 from 1:00 pm - 3:00 pm.
31. 5-day Online Workshop Series on "Getting Started with Online Teaching" from 28th April 2020 to 2nd May 2020, organized by CDAC, Mumbai.
32. A 4th e-session of “Entrepreneurship Development: Role of Network Enablers in driving Innovation & Entrepreneurship Ecosystem in HEIs - A Case of TiE, India by Ms. Geetika Dayal” on 1st May 2020, organized by Innovation Cell, Ministry of HRD, India.
33. A webinar on “Health & Wellness - Improve Immune System, Healthy Life, Increased Energy and Make Stress Free Life” on 3rd May 2020 from 6:00 pm - 7:00 pm, organized by Fitmania Club, Mumbai.
34. A webinar on “Leveraging Technology in Education” on 4th May 2020, organized by McGraw-Hill, International, India.
35. A webinar on “Identifying weaker students and remedial actions” on 4th May 2020, organized by InPods Ed-tech, Pune.
36. A webinar on “Importance of Nutrition” on 4th May 2020 from 6:00 pm - 7:00 pm, organized by Fitmania Club, Mumbai.
37. A webinar on “Accreditation Management System” on 6th May 2020, organised by InPods Ed-tech, Pune.
38. A webinar on “Cyber Crime during Corona virus era, its prevention and protection by Dr. Harold D’Costa” on 7th May 2020, organised by SVKM's Mithibai College, Mumbai.
39. Completed the Online Quiz on “Awareness of Outcome-Based Education Paradigm among Teachers” with passing score 93% on 11th May 2020, organized by Department of Computer Engineering, Shree L.R Tiwari College of Engineering, Mira Road, Thane.
40. A webinar on “Research Workflows, Research Metrics & Excellence in Academic Institutes” on 12th May 2020, co-organized by Elsevier and AICTE.
41. An 11th E-session of “Entrepreneurship Development: Innovating Self - Screen and Identify right opportunities by Prof. Sanjay Inamdar” on 13th May 2020, organized by Innovation Cell, Ministry of HRD, India.
42. A webinar on "Star Certified DevOps Expert" on 13th May 2020 from 7:00 PM - 8:00 PM, organized by Star Certification, India.
43. A webinar on "Star Ethical Hacking Expert (EHE)" on 14th May 2020 from 6:00 PM - 7:00 PM, organized by Star Certification, India.
44. A webinar on “NAAC: Systematic Data Organisation and Presentation” on 16th May 2020 at 5.00 pm, organized by IQAC-VIT, Mumbai.

45. A webinar on " Star Cloud Computing X-pert: Industry Perspective of Cloud Computing" on 16th May 2020 from 7:00 PM - 8:00 PM, organized by Star Certification, India.
46. A webinar on "Big Data Analytics" on 18th May 2020 from 6:45 PM - 7:45 PM, organized by Star Certification, India.
47. A webinar on "Augmented Reality Fundamentals and Development" on 18th May 2020, organized by NPTEL Lecture Series Week 6, India.
48. A Web Summit on "2020 Workforce Transformation CIO Rethink & Reprioritize" on 20th May 2020 from 1:30 pm to 5:30 pm, organized by GEC Media Group and Global CIO Forum.
49. A webinar on "Support Your Remote Workforce with VDI on Cisco HyperFlex" on 21st May 2020 from 10:30 am to 11:30 am, organized by Cisco Commerce India Private Limited.
50. A webinar on "Getting Job Ready for Post Covid Era by Sandeep Kochhar Founder and Storyteller - Blew Minds Consulting", on 21st May 2020 from 3:00 pm to 4:00 pm, organized by McGraw-Hill, International, India.
51. A webinar on "Star Android Programming" on 21st May 2020 from 6:00 PM - 7:00 PM, organized by Star Certification, India.
52. A webinar on "Artificial Intelligence Demystified by Prof. U Dinesh Kumar, Indian Institute of Management Bangalore", on 22nd May 2020, organized by Wiley India.
53. An online FDP on "Data Science", from 26th to 30th May 2020, organized by FRCRCE, Bandra, Mumbai.
54. A webinar on "Turn the Challenges to Opportunities: COVID-19 Pandemics and measures to combat by Higher Education of India by Union Human Resource Development Minister Dr. Ramesh Pokhriyal 'Nishank'ji", on 27th May 2020, hosted by National Assessment and Accreditation Council, Bengaluru.
55. Completed the online Quiz on "Data Science", on 31st May 2020, organized by Fr. Conceicao Rodrigues College of Engineering.
56. A webinar on "Relevance of IEEE Standards in Teaching, Learning and Industry Collaborations by Srikanth Chandrasekaran, Senior Director, Standards & Technology, Lead, Foundation Technology Practice IEEE Standards Association", 4th June 2020, hosted by IEEE EBSCO India Team.
57. Completed the online Quiz on "Faculty Awareness Programme on NBA", on 12th June 2020 organized by Dr D Y Patil School of Engineering & Technology, Charholi (Bk.), Via. Lohgaon, Pune.
58. A webinar on "CO-PO Attainment Computation and Outcomes Analysis" on 13th June 2020, organised by InPods Ed-tech, Pune.
59. A Faculty Development Program on "Improving Teaching Learning Experience using Best Practices" from 15th to 19th June 2020, organized by D. J. Sanghvi College of Engineering, Mumbai.
60. A Faculty Development Program on "Moving to Online Education" on 16th June 2020, organized by IQAC, D. J. Sanghvi College of Engineering, Mumbai.
61. One week Faculty Development Program on "Modern Educational Tools and Pedagogical Practices for Online Teaching" from 21st to 25th June 2020, organized by Vidyalankar Institute of Technology, Mumbai.
62. A webinar on "E-Content" on 25th June 2020, organized by IIDE, Mumbai.

63. A webinar on “Outcome Based Education” on 6th July 2020, organized by IQAC, Jaywant College of Engineering and Polytechnic, K. M. Gad, Sangli.
64. A Technical Hands-on session on “Developing Document Upload and Verification System” on 24th July 2020, organized by SVKM IT Team.
65. A Faculty Development Program on “Intellectual Property Rights” on 24th August 2020, organized by D. J. Sanghvi College of Engineering, Mumbai.
66. NPTEL Online Certification of 4 weeks course on “Design Thinking - A Premier” from Sept-Oct 2020 with consolidated score of 86%.
67. NPTEL Online Certification and Faculty Development Program of 4 weeks course on “Effective Engineering Teaching in Practice” from Jan-Feb 2021 with consolidated score of 88% and topper in the course.
68. NPTEL Online Certification and Faculty Development Program of 4 weeks course on “Designing Learner-centric MOOC” from Jan-Feb 2021 with consolidated score of 90%.
69. A webinar on “Applied AI: Classification using AI Tools” by Mr. Prakash Pimpale, Joint Director, CDAC, Mumbai on 10th July 2021 from 3:00pm-5pm, organized by D. J. Sanghvi College of Engineering, Mumbai.

XII. COURSERA COURSES:

1. Algorithms - Part I
2. Algorithms - Part II
3. Assessment in Higher Education - Professional Development for Teachers
4. AWS Fundamentals
5. AWS Fundamentals - Addressing Security Risk
6. AWS Fundamentals - Building Serverless
7. AWS Fundamentals - Going Cloud-Native
8. AWS Fundamentals - Migrating to the Cloud
9. COVID-19 Contact Tracing
10. Engineering Project Management - Initiating and Planning
11. Engineering Project Management - Risk Quality Teams and Procurement
12. Engineering Project Management - Scope, Time and Cost Management
13. Introduction to Graph Theory
14. Learning to Teach Online
15. Positive Psychology
16. Programming for Everybody - Getting Started with Python
17. Python Data Structures
18. Advanced Instructional Strategies in the Virtual Classroom

XIII. ADDITIONAL RESPONSIBILITY ASSIGNED AND CONTRIBUTIONS IN THE DEVELOPMENT D. J. SANGHVI COLLEGE OF ENGINEERING:

1. Prepared the proposal for setting the Mobile Computing and Multimedia lab, 2004.
2. Interacted with various companies as a Project Coordinator regarding project for final year students 2004 – Till Date.
3. Interacted with various Institutes and Companies regarding expert and guest lectures on various subjects, 2004 – Till Date.
4. Coordinator of IT Dept. for Mid-Term Test from 2004 – 2007.
5. Worked as a Senior Supervisor for the examination of university of Mumbai held in first and second of year 2004 – 2009.

6. Worked as a member of Sports committee in the year 2004.
7. Guidance and Recommendations to students for further studies at Universities and Institutions in India and Abroad from 2004 – Till date.
8. Prepared the course material of the subjects namely Computer Simulation and Modeling and Project Management, Automata Theory, Advanced Data Structures & Analysis of Algorithms for students of IT Department.
9. Co-chaired in the Information Technology track in National Conference, NCICT, 2005.
10. Member of Organizing Committee of winter School on ‘Information Technology Orientation for Engineering Teachers’ organized by Department of Information Technology and ISTE-DJSCE Chapter, 2005.
11. Helped in preparation of schedule and course material for STTP organized by Department of Information Technology and DJSCE-ISTE Chapter, 2005.
12. Prepared the proposal for setting Software Project Management and OOAD lab, 2006.
13. Member of Admission Committee from 2006 – Till date.
14. **Appointed as I/C Head of IT Department from 23rd May, 2007 and subsequently redesignated as Head of IT Department on 2nd November, 2007 and worked till 30th November, 2017.**
15. Member of Unfair Means Handling Committee at DJSCOE from 2007 – 2010.
16. Member of a Technical Committee for the purchase of Computers, hardware, LCD Projects, any other IT related hardware and software from 2007 – Till Date.
17. **Appointed as a Vice Principal – Academics of D. J. Sanghvi College of Engineering on 15th April, 2010 and worked till 30th November 2017.**
18. Looked after the routine work of Principal’s office from 12th to 19th May 2010, 14th to 17th Nov 2011, 20th Dec 2011, 22nd Dec 2011 and 26th Dec to 31st Dec 2011
19. Chief Conductor of the Examination of university of Mumbai held on 17th June, 2010, 12th Dec – 16th Dec, 2011, 20th Dec to 22nd Dec, 2011, 26th Dec to 31st Dec, 2011, 14th, 16th and 18th June 2012, Dec – 2017, 4th June – 12th June 2018..
20. CAP Coordinator (Sem VII & VIII) of the Examination of university of Mumbai held in Nov – Dec, 2011.
21. Chairman of M. E. Admission Committee in 2012.
22. Co-Convener for International Conference on Advanced Computing Technologies and Applications (ICACTA), which was organized during 26th - 27th March, 2015.
23. One of the editors for ICACTA proceedings, which were published in Elsevier, Procedia Computer Science, Volume 45.
24. Chairman of NBA Committee of the college, looking after the accreditation of various courses being conducted in DJSCE.
25. Co-Convener for DJASCI – A Student’s Project Competition, which was held on 2nd April 2016 and also one of the Editor of DJ ASCII proceedings.
26. Head of “Attendance Committee” at the college level to ensure the quality of teaching learning process.
27. Head of “Internal Academic Audit Committee” at the college level for smooth conduct and management of the attendance of students’ as per the guidelines of Mumbai University.

28. Co-Convener for DJASCII – A student’s Project Competition, which was held on 1st April 2017 and also one of the Editor of DJ ASCII proceedings.
29. Given an additional responsibility of EEC, Convener from 1st July 2021.

XIV. SOFTWARE DEVELOPMENT MAINTENANCE TEAM & BLACKBOARD I/C:

As a SDMB I/C have undertaken many projects to address the need of our institute. Currently our institute is using few of them. Faculty members and students from IT and Computer Engineering Department contributed in the development of these systems. The various projects are -

1. Automated Fees Receipt Generation System.
2. Enhancement and Maintenance of College Website
3. Leave Management System
4. Alumni Data Maintenance system
5. Attendance Recording and Tracking System
6. Feedback Collection and Inference System
7. Student Profile Maintenance System
8. Staff Profile Maintenance System
9. Admission Software
10. Time Table Development System
11. Dead Stock Maintenance System
12. Learning Management System using Moodle
13. New website – djscoe.ac.in for college
14. I-card generation System

XV. BRANCH COUNSELOR DJSCOE-CSI STUDENT CHAPTER:

1. Organized various activities under the student chapter.
2. Started a by yearly Newsletter “PROTOCOL” in 2010.

XVI. AWARDS AND RECOGNITION CERTIFICATES:

1. Awarded for 1st position in Cricket in Inter Institution Sports Competition organized by SVKM, held from 18th – 21st January, 2005.
2. Received a certificate of recognition for services rendered as organizing committee member towards the STTP on Information Technology Orientation for Engineering Teachers”, Dec – 2010.
3. Best Teacher in the department of Information Technology, DJSCE for the academic year 2007 – 08.
4. Received Incentive Allowance in the recognition of loyalty and contribution made in the development of DJSCE from Nov – 2010.