CURRICULUM VITAE

Basic Information:

First Name:	Dr. Gajanan
Last Name:	Patil
Email:	gajanan.bsl@gmail.com, gajanan_9982@rediffmail.com
Contact:	+91-9970052499

Photo:

Current Primary Affiliation/Institution:

Department:	Electronics and Telecommunication Engineering
Institution:	Hindi Seva Mandal's, Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal
University:	Dr. Babasaheb Ambedkar Technological University, Lonere
City/District:	Bhusawal/Jalgaon
State/Country:	Maharashtra/India

Highest Degree and Job Title:

Highest Degree:	Ph. D. [Electronics Engineering]
Job Title:	Assistant Professor

University Approval:

KBCNMU, Jalgaon	NMU/18/261/2010 dated 05/03/2010 with effect from 01/07/2009
DBATU, Lonere	DBATU/Regular Faculty/3009/2019/204 dated 30/09/2019 w.e.f. 01/07/2017

Research Fields:

1. Wireless Cellular Networks
2. Wireless Communication
3. Wireless Network Communication
4. Quality of Service
5. Grade of Service
6. Bandwidth Allocation
7. Computer Networks
8. Computer Communication
9. Cloud Computing
10. Optimization

ORCID:	https://orcid.org/0000-0001-7621-7933
ResearchGate:	https://www.researchgate.net/profile/Gajanan-Patil
Google Scholar:	https://scholar.google.com/citations?user=aAYXxK4AAAAJ&hl=en
Publons:	https://publons.com/wos-op/researcher/4083908/gajanan-uttam-patil/
Web of Science:	Researcher ID: ABW-0643-2022
Scopus:	Author ID: 57812630200
Vidwan:	Vidwan ID: 289428/https://vidwan.inflibnet.ac.in/profile/289428
ScholarProfile:	http://scholarprofiles.com/0000-5119-9106

Other Websites/Online Platforms

LinkedIn:	https://www.linkedin.com/in/gajanan-patil-43101919/

Education:

▪ Doctor of Philosophy [Ph. D.] in Electronics Engineering in 2023 Under the Faculty of Science and Technology from Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India.

▪ Master of Engineering [M.E.] in Electronics Engineering [Digital Electronics] in 2013 from Prof. Ram Meghe Institute of Technology and Research, Bandera, Amravati affiliated to Sant Gadge Baba Amravati University, Amravati, Maharashtra, India.

▪ Bachelor of Engineering [B.E.] in Electronics and Telecommunication Engineering in 2006 from Godavari College of Engineering, Jalgaon affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India.

Work Experience:

▪ Since from July 2006 to till date, Working as a Faculty with the Rank of Assistant Professor at Department of Electronics and Telecommunication Engineering of Hindi Seva Mandal's, Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra, India.

Copyright Registered:

1. Redefining Spectrum Management: Dynamic Allocation and Cognitive Solutions in Wireless Networks, Copyright Office, Government of India, Registration Number-L-137632/2023, December 11, 2023.

2. Enhancing Bit Error Rate Performance in OFDM Systems through Optimized Adaptive Coding and Artificial Intelligence Techniques, Copyright Office, Government of India, Registration Number-L-134565/2023, October 10, 2023.

3. Achieving Optimal Service Quality in Cellular Networks Strategies for QoS Enhancement, Copyright Office, Government of India, Registration Number-L-133266/2023, September 19, 2023.

Publications:

▪ **International Journals:**

1. Optimizing QoS in Self Organizing Heterogeneous Wireless Cellular Network using Firefly Algorithm, ICTACT Journal on Communication Technology, An International Publication of ICT Academy, ISSN (Print)-0976-0091, ISSN (Online)-2229-6948, Mar 30, 2022, Volume 13, Issue 01, DOI: 10.21917/ijct.2022.0388, pp. 2627-2634.

2. Grey Wolf Optimization based Cognitive Radio Engine Design, European Journal of Molecular and Clinical Medicine, ISSN 2515-8260, Apr 15, 2020, Volume 7, Issue 4, pp. 910-920.

3. Study of Radio Resources Allocation in LTE for QoS, International Journal of Digital Application and Contemporary Research, ISSN: 2319-4863, Oct 10, 2019, Volume 8, Issue 03, pp. 1-6.

4. Electromagnetic Compatibility Issues in Medical Environment-A Review, International Journal of Innovations in Engineering and Science, E-ISSN: 2456-3463, Impact Factor Value 4.046, Vol. 4, No.10, March 26, 2019, pp. 96-100.

5. SCILAB an Open Source Alternative Over MATLAB-A Review, International Journal of Modern Computer Science and Applications (IJMCSA), ISSN: 2321-2632 (Online), November, 2014, Volume No-2, Issue No-6, pp. 22-25.

6. QoS Negotiation and Service Differentiation by CAC Scheme for 3G Wireless Cellular Networks, American International Journal of Research in Science, Technology, Engineering and Mathematics, AIJRSTEM is a refereed, indexed, peer-reviewed, multidisciplinary and open access journal published by International Association of Scientific Innovation and Research (IASIR), USA (An Association Unifying the Sciences, Engineering, and Applied Research), ISSN (Print): 2328-3491, ISSN (Online): 2328-3580, ISSN (CD-ROM): 2328-3629, September-November, 2013, Volume-1 & 2, Issue-4, DOI: 10.9780/23218045/152013/20, pp. 1-7.

7. CAC Scheme for 3G Wireless Cellular Networks with QoS Provisioning and Queuing traffic, International Journal of Research in Computer Engineering and Electronics, ISSN: 2319-376X, June-2013, Volume-I, Issue-2, pp. 1-5.

8. QoS Based CAC Scheme for 3G Wireless Cellular Networks-A Review, International Journal of Computer Science and Applications, ISSN: 0974-1011, April, 2013, Volume-VI, No-2, pp. 180-185.

9. Implementation of Viterbi Decoder for Convolutional Code in HDL, International Journal of Computer Science and Information Technologies, ISSN: 0975-9646, September-October, 2011, Issue-V, Volume-II, pp. 2137-2140.

10. Implementation of Convolutional Encoder in HDL, International Journal of Advanced Engineering and Application, ISSN: 0975–7783 (O), ISSN: 0975–7791 (P) January, 2011 Issue, Volume-I, pp. 22-25.

▪ **International Conferences:**

1. Q-Learning based Spatial Reuse Enhancement of Wireless Networks, Third International Conference On Mobile Computing and Sustainable Informatics (ICMCSI-2022), Tribhuvan University, Nepal, Proceedings Published By Springer, Singapore in Springer Lecture Notes on Data Engineering and Communications Technologies-LNDECT, Volume 126, July 16, 2022, Print ISBN: 978-981-19-2068-4, Online ISBN: 978-981-19-2069-1, Electronic ISSN: 2367-4520, Print ISSN: 2367-4512, DOI: https://doi.org/10.1007/978-981-19-2069-1_63, pp. 911–922.

2. Throughput Analysis of OFDMA for QoS Performance Improvement, Third International Conference (Online) on Innovations in Communication Computing and Sciences (ICCS-2021), Chandigarh Engineering College, Landran; Mohali (Punjab), AIP Conference Proceedings, Volume number: 2576, December 9, 2022, ISBN: 978-0-7354-4253-5, https://doi.org/10.1063/5.0105764, pp. 020001-1-020001-16.

3. International Web Conference on Smart Engineering Technologies 2020 (IWCSET-2020), Ramco Institute of Technology, Rajapalayam, June 26-27, 2020.

4. International Web Conference on Science, Engineering and Technology (IWCSET-2020), Society for Technologically Advanced Materials of India, May 15-16, 2020.

5. QoS through CAC Scheme for 3G Wireless Cellular Networks, International Conference on Global Trends in Engineering and Management (ICGTEM-13) March 21-22, 2013, JES's J D College of Engineering, Nagpur, pp. 551-556.

6. VLSI For Signal Image Processing, International Conference on Science, Engineering and Spirituality, S.E.S. College of Engineering, Navalnagar, April 01-02, 2010.

7. Security in Ad-hoc Networks, International Conference on Sunrise Technologies, SSVPS's Bapusaheb Shivajirao Deore College of Engineering, Vidyanagari, Deopur, Dhule, January 13-15, 2010.

▪ **National Conferences:**

1. National Web Conference on Intellectual Property Rights, Dnyandeep College of Commerce and Science, Morvande-Boraj, Khed, September 04, 2021.

2. Electromagnetic Compatibility Issues in Medical Environment-A Review, PHOENIX-2K19, GFs, Godavari College of Engineering, Jalgaon, March 26, 2019.

3. QoS Based CAC Scheme for 3G Wireless Cellular Networks-A Review, National Conference on Advances in Computing and Networking, VYWS's PRMIT&R, Badnera, Amravati, March 30, 2013.

4. Power Line Communication Via Broadband Coupling Circuits, National Conference on Emerging Technologies in Engineering and Management, GFs, Godavari College of Engineering, Jalgaon, February 20, 2011.

5. Wireless Network Security, National Conference on Recent Trends in Technology, JTM College of Engineering, Faizpur, February 03-04, 2011.

6. Smart Grid, National Conference on Advance Power System (NCAPS), K. K. Wagh Institute of Engineering Education and Research, Nashik, November 26-27, 2010.

7. Synchronization Approach for OFDM Based Broadband Wireless Access System, National Conference on Emerging Trends in Electronics Engineering and Computing, JD College of Engineering, Nagpur, February 09-10, 2010.

8. Channel Broadcasting Using Satellite, National Conference on Advances in Recent Trends in Communication and Networks, Annasaheb Dange College of Engineering and Technology, Ashta, January 15-16, 2010.

9. Digital Communication, National Conference on Advances in Recent Trends in Communication and Networks, Annasaheb Dange College of Engineering and Technology, Ashta, January 15-16, 2010.

10. Scalable Video Coding and Applications, Second National Conference on Computing, Communication, Electrinca and Management, KCECOE, Jalgaon, March 20-21, 2009.

11. Wireless Communication-Industrial/Medical Applications, National Conference on Optical and Wireless Communication, DAV Institute of Engineering and Technology, Jalandhar, November 27-28, 2008.

12. Mobile Communication, National Conference on Science and Engineering Computations-2008, COE, Osmanabad, February 21-22, 2008.

13. Location Tracking Using RFID, National Conference on Computing, Communication, Electrinca, KCE College of Engineering, Jalgaon, February 08-09, 2008.

14. Recent Development in Digital Communication, National Conference on Recent Trends in Technology, JTM College of Engineering, Faizpur, November 20-21, 2006.

Faculty Development Programs:

▪ FDP Attended:

1. Cloud Infrastructure (AWS), HSM'S, SSGBCOE&T, Bhusawal, Brainovision Solutions India Pvt Ltd, AICTE, August 21-25, 2023.

2. Innovation, Research and IPR-Journey Towards Excellence, SPCOE, Mumbai + HSM'S, SSGBCOE&T, Bhusawal, March 01-05, 2023.

3. Advances in Electric Vehicle Industry, SPCOE, Mumbai + HSM'S, SSGBCOE&T, Bhusawal, November 14-18, 2022.

4. Introduction to Research, NPTEL, August –October, 2022.

5. Art of Writing A Research Article and Indexing and Publication, Ashoka Women's Engineering College, Kurnool, June 09-11, 2022.

6. Research Methodology, Kamala Nehru Mahavidhyalaya, Nagpur, May 02-07, 2022.

7. Essentials for Research, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, April 18-23, 2022.

8. 5G Technology, Guru Nanak Institute of Technology, Nagpur, February, 21-26, 2022.

9. Why, What and How of Patents, ASPIRE-the Entrepreneurship and Incubation Cell of ST Francis DE Sales College, Bengaluru, February 07, 2022.

10. 6G Wireless Communication System, Technologies, Challenges and Applications, Chandigarh Engineering College, Landran, Mohali, Punjab, January 13-19, 2022.

11. A Systematic Navigation from Research to Research Proposals 2.O, MVSR Engineering College, Hyderabad, Telangana, November 22-26, 2021.

12. Intellectual Property Rights, Easwari Engineering College, Chennai, October 04-07, 2021.

13. Research Tools and Methodologies, Lendi Institute of Engineering and Technology, Andhra Pradesh, September 24, 2021 to October 01, 2021.

14. Types of Research and Sampling Techniques, Thakur Shyamnarayan Degree College, Kandivali (East), Mumbai, September 24, 2021.

15. AICTE Training and Learning (ATAL) Academy Programme on Innovation Management, DBATU, Lonere, September 06-10, 2021.

16. Research Methodology, Shripatrao Chougule Arts and Science College, Malwadi, Kotoli, August 23-26, 2021.

17. Advanced Methodologies for Contemporary Research-A Pragmatic Approach, Government Ramnarayan Chellaram College of Commerce and Management, Bengaluru, August 16-23, 2021.

18. Changing Dimensions of IPR in India-An Intellectual Deliberation, Jain College, Bengaluru, August 12-17, 2021.

19. Research Development Programme for Faculty in Recent Trends, SRM Institute of Science and Technology, Ramapuram, August 09-13, 2021.

20. Advanced technologies in Wireless Communication Networks (ATWCN)-2021, GMR Institute of Technology, Rajam, AP, India, August 02-06, 2021.

21. Concepts and Development of Research Methodology, Nehru Memorial College Kurunjibag, Sullia, Dakshina Kannada, Karnataka, July 15-17, 2021.

22. Research Areas and Funding Opportunities, Dr. N. G. P. Institute of Technology, Coimbatore, July 01-03, 2021.

23. Research Directions in Science & Technology, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, May 17-21, 2021.

24. Research Skills Development, MVPS's KBT COE, Nashik, May 10-14, 2021.

25. Research Methodology, Kamla Neheru Mahavidhyalaya, Nagpur, April 26, to May 01, 2021.

26. Essentials of Linux System Administration, Fr. Conceicao Rodrigues COE, Bandra, April 16-17, 2021.

27. Mendeley, LaTeX and Plagiarism, Allana Institute of Management Sciences, Pune, April 10, 2021.

28. Possibilities of Research, Research Methodology & Research Paper Writing, Nachiketa College of Computer Science Commerce and Advanced Technology Vijay Nagar, Jabalpur, March 02-06, 2021.

29. Arduino, Sou. Venutai Chavan Polytechnic, Pune with Spoken Tutorial IIT Bombay.

30. Approaches to Engineering Pedagogy to Improve the Quality of Teaching in Engineering Education, Ballarpur Institute of Technology, October 27, -2020 to November 07, 2020.

31. Understanding 5G New Radio (NR) Standards-A Primer, Keysight Technologies, October 13, 2020.

32. Routing and Switching-Huawei Certification, Huawei Technologies Co. Ltd., September 09, 2020.

33. Recent Advances in Electronics and Communication Engineering (RAECE-2020), GCOE, Kalahandi, Bhawanipatna, Odisha, August 17-21, 2020.

34. Recent Trends In Signal and Data Processing, Panipat Institute of Engineering and Technology, Kurukshetra, August 10-14, 2020.

35. Recent Trends & Innovation in Electronics Engineering, IIMT COE, Greater Noida, August 04-08, 2020.

36. Technologies with Social Relevance, GMR Institute of Technology, Kakinada, July 27, 2020 to August 01, 2020.

37. Online Learning-Live Classroom Teaching Platform, KBCNMU, Jalgaon, July 24-27, 2020.

38. Recent Advances in Biomedical Applications and communication Neworks-2020, GMR Institute of Technology, Kakinada, July 13-18, 2020.

39. World of Cyber Physical Systems and Future Robotics of Industry-Cobotics, RCPIT, Shirpur, July 11-12, 2020.

40. Recent Trends in Technology & Teaching Learning Methodology, Sage University, Indore, July 09-11, 2020.

41. Exposure & Rejuvenation of Technologies in changed Era of the World, Rajkumar Goel Institute of Technology, Ghaziabad, July 06-10, 2020.

42. G Suite and Allied Tools in Education, Teaching and E-Content Development, SSGBAU, Amravati, June 29, 2020 to July 04, 2020.

43. NBA Preparation & CO-PO Mapping, SVPM'S COE, Malegaon, June 28, 2020.

44. Conference Leadership Program, KJSIEIT, Sion, Mumbai, June 26-27, 2020.

45. Deep Drive Into Emerging Technologies Like Cloud, AL, ML & Data Analysis, Vaageswari COE, Karimnagar, June 22-26, 2020.

46. MATLAB Awareness Program, SSBT'SCOE&T, Bambhori, Jalgaon, June 12-16, 2020.

47. Artificial Intelligence in Healthcare, RCPIT, Shirpur, June 10-11, 2020.

48. Artificial Intelligence in Classroom, J.V.M.'s Degree College in association with Magic Data, June 06, 2020.

49. Tools for Scientific Communication and Effective Teaching, Vaagdevi COE, Bollikunta, Warangal, Telangana, June 02-06, 2020.

50. Opportunities & Challenges in Electronics and Allied Industries in INDIA Post COVID-19, Institute of Technology, Chembur, Mumbai, May 25-30, 2020.

51. Innovative Trends in Engineering and Technology, Shree. L. R. Tiwari College of Engineering, May 25-29, 2020.

52. Technological Interventions Using Wireless Communication, NITTTR, Chandigarh, May 18-22, 2020.

53. Machine Learning and Deep Learning Applications in Engineering and Science, GCOE, Karad with RCOE, Azamgarh, May 16-20, 2020.

54. Image and Embedded Processing, NITTTR, Chandigarh, May 11-15, 2020.

55. Research Methodology and Tools, Sandip Institute of Technology and Research Centre, Nashik, May 11-15, 2020.

56. Academic Leadership Enhancement in Technical Institutions, NITTTR, Chandigarh, May 04-08, 2020.

57. MATLAB Applications In Engineering & Science, GCOE, Karad with RCOE, Azamgarh, April 27, 2020 to May 01, 2020.

58. Latex, SBPCOE, Indapur with Spoken Tutorial IIT Bombay, April 25, 2020 to May 01, 2020.

59. Python 3.4.3, Institute of Management Research and Development, Shirpur with Spoken Tutorial IIT Bombay, April 21-26, 2020.

60. Low Power VLSI Design, NITTTR, Chandigarh, April 20-24, 2020.

61. Latest Wireless and Computing Technologies, NITTTR, Chandigarh, April 14-18, 2020.

62. FDP on Fundamentals of Signal Processing, HSM'S, SSGBCOE&T, Bhusawal, January 01-05, 2020.

63. Autodesk-Fusion 360, HSM'S, SSGBCOE&T, Bhusawal, December 07-11, 2018.

64. Product Design Engineering, HSM'S, SSGBCOE&T, Bhusawal, December 07-11, 2018.

▪ **FDP Organized:**

1. Fundamentals of Signal Processing, HSM'S, SSGBCOE&T, Bhusawal, January 01-05, 2020.

Short Term Training Programs:

▪ **STTP Attended:**

1. Safer Internet Day 2023 and the launch of CyberPeace TV, CyberPeace Cafe & iSAFE Multimedia Resources, CyberPeace Foundation, UNICEF, NCERT, DELNET and NBT, February 15, 2023.

2. Energy Literacy Training, Energy Swaraj Foundation, February 17, 2023.

3. High Impact Presentations, Infosys Springboard, October 20, 2022.

4. Time Management, Infosys Springboard, June 09, 2022.

5. Wireless 4G-5G enabling technologies, Infosys Springboard, June 04, 2022.

6. Building Creative Confidence, Infosys Springboard, May 28, 2022.

7. Problem Solving for Success, Infosys Springboard, May 28, 2022.

8. Introduction to LinkedIn Marketing, SkillUp by Simplilearn, May 15, 2022.

9. White Belt of Lean Six Sigma, May 14, 2022.

10. Next Generations Wireless Technologies-5G and Beyond, Indo Global College of Engineering, Abhipur, New Chandigarh, September 20-25, 2020.

11. Research Methodology, HSM'S, SSGBCOE&T, Bhusawal, July, 21-25, 2020.

12. Recent Trends in Optimization and its Application in Engineering, HSM'S, SSGBCOE&T, Bhusawal, April 15-20, 2013.

13. Signal Processing Application With MATLAB, HSM'S, SSGBCOE&T, Bhusawal, April 19-23, 2011.

14. Mobile Technology: Current Trends & Future Directions, K J Somaiya Institute of Engineering and Information Technology, Mumbai, May 31, to June 04, 2010.

15. Faculty Development Including Research Methodology and Mathematical Modelling In Engineering and Technology, HSM'S, SSGBCOE&T, Bhusawal, November 02-07, 2009.

16. Embedded System, HSM'S, SSGBCOE&T, Bhusawal, August 30, 2008.

▪ **STTP Organized:**

1. Signal Processing Application With MATLAB, HSM'S, SSGBCOE&T, Bhusawal, April 19-23, 2011.

Workshops:

▪ **Workshops Attended:**

1. Application of Machine Learning and Artificial Intelligence in Research and Innovations, Regional College for Education Research and Technology, Jaipur, May 02-06, 2023.

2. Technical Writing using LaTeX, VIT-AP University, Amaravati, March 30, 2023 to April 05, 2023.

3. NPTEL E-Awareness, NPTEL, February 06, 2023.

4. NPTEL E-Awareness, NPTEL, January 18, 2023.

5. NPTEL E-Awareness, NPTEL, January 13, 2023.

6. NPTEL E-Awareness, NPTEL, January 07, 2023.

7. Journal Citation Reports (JCR) Certification Series-2022, Clarivate, August 10, 2022.

8. Benefits of Digital India, NDLI, July 21, 2022.

9. Springer Nature Science and Technology Symposium, Springer Nature, June 21, 2022.

10. New trends In Research Methodology, RKDF University, Bhopal, May 26, 2022.

11. Wireless Systems and its Applications, Easwari Engineering College, Chennai, February 02, 2022.

12. IP-MAXIMA 2021, CSIR-Institute of Minerals and Materials Technology, Bhubaneswar, January 07-08, 2022.

13. Academic and Research Writing, Shri Muktanand College, Gangapur District-Aurangabad, January 04, 2022.

14. Intellectual Property Rights (IPR), Pemraj Sarda College, Ahmednagar, December 23, 2021.

15. Intellectual Property Rights (IPR) Patents and Designs Process, COE&T, Akola Under National Intellectual Property Awareness Mission in association with RGNIIPM, Nagpur, Ministry of Commerce and Industry Govt. of India, IPR Training Institute, December 20, 2021.

16. Promoting IPR Culture in Universities and other Higher Education Institutions, DPIIT IPR-Chair, Osmania University, Hyderabad, October 31, 2021.

17. Intellectual Property Rights (IPR)-Patent and Designs Process, C. H. Chaudhari Arts, S. G. Patel Commerce and B. B. J. Patel Science College, Taloda, October 11, 2021.

18. Research Article Writing and Plagiarism, Government Girls P.G. College, Ujjain, September 18, 2021.

19. Online Capacity Building Workshop On Research Methodology, Manikchand Pahade Law College, Aurangabad, September 01, 2021.

20. IPR and Patent Filing, MET's Institute of Engineering, Bhujbal Knowledge City, Nashik, August 06, 2021.

21. Intellectual Property Rights and Patent Process, G H Raisoni Institute of Business Management, Jalgaon, 19-20-July-2021.

22. IPR and IP Management for Start Ups, Kanya Maha Vidyalaya, Jalandhar, June 21, 2021.

23. Research Development and Innovation Ethics, MVPS's K.B.T. College of Engineering, Nashik, May 17-19, 2021.

24. Hands-On Sessions in Drafting & Filling Procedure of Intellectual Property Rights, Arya COE&IT, Jaipur, May 03-07, 2021.

25. Recent Trends in Intellectual Property Laws, Alliance University, Bengaluru, April 26, 2021.

26. Patenting System In India, SGT University, Delhi, April 24, 2021.

27. Academic Research Writing and Publication, Annamalai University, Tamilnadu, April 22-23, 2021.

28. Art of Writing Research Paper in Scopus Journals, Kaamadhenu Arts and Science College, Sathyamangalam, Tamilnadu, April 10, 2021.

29. Intellectual Property Right and Patent Filing, Mungasaji Maharaj Mahavidyalaya, Darwha, March 17, 2021.

30. Intellectual Property Rights (IPR), Shripatrao Chougule Arts and Science College, Malwadi-Kotoli, March 10, 2021.

31. Research Methodology, Shri Muktanand College, Gangapur, March 06, 2021.

32. The Joy of Research, Nirmala Memorial Foundation College of Commerce & Science, Kandivali (E), Mumbai, January 20, 2021.

33. PRIMER-The Statistical Software That Empowers Researchers, Guru Nanak College, Chennai, November 19, 2020.

34. How to Publish in Scopus Indexed Journal, Gujarat National University, Gandhinagar, Gujarat, October 31, 2020.

35. Industry Academia Conclave, KBCNMU, Jalgaon with MACCIA, September 30, 2020.

36. Deep Learning Onramp, MathsWorks Training Services, July 22, 2020.

37. IEEE Xplore-Digital Library for Academics and Research, Atharva COE, Mumbai with EBSCO Information Services, IEEE, India, July 13, 2020.

38. E-Entrepreneurship Conclave, Sandip University, Nashik with KBCNMU, Jalgaon, May 30-31, 2020.

39. Best Practices of Research Paper Writing, Quad Editing Services, May 29-31, 2020.

40. Academic Book Writing & Related Topics, Springer Nature, May 22, 2020.

41. Research Scopes in Electronics and Communication Engineering, Chennai Institute of Technology, Chennai, May 21, 2020.

42. Recent Applications in Electrical and Electronics Engineering, IEEE, BBDNITM, May 16-17, 2020.

43. IoT, Universal College of Engineering, Vasai, May 14-15, 2020.

44. Machine Learning in Computer Vision Applications, Sri Venkateswara College of Engineering, Sriperumbudur, Tamilnadu, May 12-13, 2020.

45. Maintaining Mental Health During Turbulence, JDCOE&M, Nagpur, May 06-10, 2020.

46. LaTeX, Spoken Tutorial Project, IIT Bombay, May 05, 2020.

47. Python 3.4.3, Spoken Tutorial Project, IIT Bombay, April 30, 2020.

48. MATLAB Onramp, MathsWorks Training Services, April 29, 2020.

49. Intellectual Property Rights, Pandit Deendayal Petroleum University with IPPO, April 10-11, 2020.

50. IPR in Protecting the Rights of Practicing Researchers and Engineers, HSM'S, SSGBCOE&T, Bhusawal, January 22-23, 2020.

51. IPR & Patenting Awareness of Invention & Innovation-WIPAII-2019, GF's GCOE, Jalgaon, November 28-29, 2019.

52. One Day Workshop On Springer Nature User Awareness Program, KBCNMU, Jalgaon, September 25, 2018.

53. Workshop on Research Methodology, NMU, Jalgaon, July 16-21, 2018.

54. One Day Workshop of On Screen Evaluation, HSM'S, SSGBCOE&T, Bhusawal, October 09, 2015.

55. One Day Workshop on Syllabus Setting For Final Year Electronics / E&TC Engineering for NMU, Jalgaon, SGDCOE, Jalgaon, February 14, 2015.

56. Industrial Approach for Electronics, Electronic Study Centre, Nashik, August 14-16, 2013.

57. Aakash Coordinators Workshop, IIT, Bombay, November 05, 2012.

58. Workshop on MATLAB, SSGMCOE, Shegaon, May 26-27, 2012.

59. Syllabus Framing For Post Graduate Course-ME-E&C-(Communication), HSM'S, SSGBCOE&T, Bhusawal, July 24, 2010.

60. Mission 10X Faculty Empowerment Workshop-High Impact Teaching Skills, HSM'S, SSGBCOE&T, Bhusawal, April 19-20, 2010.

61. Possibilities Of Energy Saving In Industries And Energy Audit, JDCC Bank Hall, Jalgaon, April 17, 2010.

62. Faculty Development Including Research Methodology and Mathematical Modelling In Engineering and Technology, HSM'S, SSGBCOE&T, Bhusawal, November 02-07, 2009.

63. Embedded System, HSM'S, SSGBCOE&T, Bhusawal, August 30, 2008.

▪ **Workshops Organized:**

1. C, C++, HSM'S, SSGBCOE&T, Bhusawal, February 29, 2020.

2. IPR in Protecting the Rights of Practicing Researchers and Engineers, HSM'S, SSGBCOE&T, Bhusawal, January 22-23, 2020.

3. R, HSM'S, SSGBCOE&T, Bhusawal, November 09, 2019.

4. Student Excellence and Learning Program-SELP, HSM'S, SSGBCOE&T, Bhusawal, July 22-27, 2019.

5. SCILAB, HSM'S, SSGBCOE&T, Bhusawal, May 04, 2019.

6. Koha and Library Automation, HSM'S, SSGBCOE&T, Bhusawal, October 12, 2018.

7. CMOS, Mixed Signal and Radio Frequency VLSI Design, HSM'S, SSGBCOE&T, Bhusawal, January 30, 2017 to February 04, 2017.

8. Engineering Physics, HSM'S, SSGBCOE&T, Bhusawal, December 08-18, 2015.

9. Environmental Studies, HSM'S, SSGBCOE&T, Bhusawal, June 02-12, 2015.

10. Control Systems, HSM'S, SSGBCOE&T, Bhusawal, December, 02-12, 2014.

11. Computer Networking, HSM'S, SSGBCOE&T, Bhusawal, Online: May 22, 2014 to June 29, 2014, Physical: June 30, 2014 to July 5, 2014.

12. Computer Programming, HSM'S, SSGBCOE&T, Bhusawal, Online: May 11, 2014 to June 15, 2014, Physical: June 16-21, 2014.

13. Fluid Mechanics, HSM'S, SSGBCOE&T, Bhusawal, May 20-30, 2014.

14. Signals and Systems, HSM'S, SSGBCOE&T, Bhusawal, January 02-12, 2014.

15. Analog Electronics, HSM'S, SSGBCOE&T, Bhusawal, June 04-14, 2013.

16. Database Management System, HSM'S, SSGBCOE&T, Bhusawal, May 21-31, 2013.

17. Spoken Tutorial on SCILAB, HSM'S, SSGBCOE&T, Bhusawal, March 08 and 21, 2013.

18. Aakash Android Application Programming, HSM'S, SSGBCOE&T, Bhusawal, February 23-24, 2013 and March 02-03, 2013.

19. Aakash for Education, HSM'S, SSGBCOE&T, Bhusawal, November 10-11, 2012.

20. One Day Workshop on Syllabus Framing For Post Graduate Course-ME-E&C-(Communication), HSM'S, SSGBCOE&T, Bhusawal, July 24, 2010.

21. Embedded System, HSM'S, SSGBCOE&T, Bhusawal, August 30, 2008.

Seminars:

▪ **Seminars Attended:**

1. Intellectual Property Rights (IPR) and Patent Filing, Science College, Nanded, April 13, 2022.

2. IPR-Issues and Challenges in the Context of NEP, Lal Bahadur Shatri Government First Grade College, Bengaluru, September 04, 2021.

3. How to Publish Your Research in Quality Journals, Ural Federal University, October 15, 2020.

4. Outcome Based Education (OBE), IETE Navi Mumbai Centre, June 19-20, 2020.

5. Research and Innovative Approach In Our Day To Day Life, KBCNMU, Jalgaon, October 23, 2019.

6. Intellectual Property Right and Patent System in India-IPR and PSI-2019, KBCNMU, Jalgaon, March 12, 2019.

7. Use of Soft Computing Techniques for Low Cost Automation, JD College of Engineering, Nagpur, April 13-14, 2012.

8. Intellectual Property and Innovation Management in Knowledge Era, JTM College of Engineering, Faizpur, April 12-13, 2010.

Webinars:

▪ **Webinars Attended:**

1. World Intellectual Property Day Celebrations, NDLI, 26-April-2023.

2. IP Awareness/Training program, Intellectual Property Office, India, January 16, 2023.

3. User Awareness Program on National Digital Library of India, NDLI, January 06, 2023.

4. IP Awareness/Training program, Intellectual Property Office, India, December 22, 2022.

5. IP Awareness/Training program, Intellectual Property Office, India, December 09, 2022.

6. Basics of Research Paper Writing, A2Z EduLearningHub LLP, September 22, 2022.

7. Research Methodology and Intellectual Property Rights, Banwarilal Bhalotia College, Asansol, West Bengal, India, July 17, 2022.

8. Innovation and Creativity, Murugappa Polytechnic College, Chennai, July 15, 2022.

9. IP Awareness/Training program, Intellectual Property Office, India, July 06, 2022.

10. How to Easily Spot Reliable Journals, Elsevier Researcher Academy, July 02, 2022.

11. Using the Most Relevant Metrics to Help You Choose the Right Journal, Elsevier Researcher Academy, July 02, 2022.

12. Plagiarism, Elsevier Researcher Academy, July 02, 2022.

13. Plagiarism-Decision Making and Dealing With Grey-Zones Across Academic Fields, Elsevier Researcher Academy, July 02, 2022.

14. Open science, Elsevier Researcher Academy, July 02, 2022.

15. Practical Reinforcement Learning for Controls Design, Test, and Deployment, MathsWorks, June 29, 2022.

16. Ethics in Research Publications-An Important Issue, A2Z EduLearningHub LLP, Udumbannoor, June 19, 2022.

17. Standard Essential Patents-An Overview, DPIIT IPR-Chair, Osmania University, June 11, 2022.

18. Whats New @ IEEE for Libraries: Solutions for Driving Innovations Forward, IEEE Client Service Team, June 07, 2022.

19. Wireless Positioning and Localization Design with MATLAB, MathsWorks, May 24, 2022.

20. Culture and its impact on Built Form, NDLI Club of HSM'S, SSGBCOE&T, Bhusawal, May 14, 2022.

21. Principles of Planning, NDLI Club of HSM'S, SSGBCOE&T, Bhusawal, April 30, 2022.

22. Application of Analytics in Cricket Bootcamp, Skill Academy, April 30, 2022.

23. Plastic-Threat to Next Generation, NDLI Club of HSM'S, SSGBCOE&T, Bhusawal, April 29, 2022.

24. Innovations in Solar Thermal Energy, NDLI Club of HSM'S, SSGBCOE&T, Bhusawal, April 27, 2022.

25. Introduction to Simulink for System Modelling and Simulation, MathsWorks, April 26, 2022.

26. Simplify 5G Testing, Keysight Marketing Technology, April 26, 2022.

27. UGC's Career Advancement Scheme (CAS) Issues and Solutions, Arts and Commerce College, Khapar, April 25, 2022.

28. 3D Printing A New Opportunity, NDLI Club of HSM'S, SSGBCOE&T, Bhusawal, April 20, 2022.

29. Introduction to Intellectual Property Rights, NDLI Club of HSM'S, SSGBCOE&T, Bhusawal, April 19, 2022.

30. Introduction to MATLAB, MathsWorks, April 19, 2022.

31. Plagiarism and Copyright Infringement -Legal Implications, DPIIT IPR-Chair, Osmania University, April 07, 2022.

32. IP Awareness/Training Program, Intellectual Property Office, India, April 05, 2022.

33. Research to Revenue-The Academic and Industrial Perspectives through various IPRs and Patents in Specific, KCE Society's, COE and Management, Jalgaon, March 30, 2022.

34. IP Awareness/Training Program, Intellectual Property Office, India, March 08, 2022.

35. IP Awareness/Training Program, Intellectual Property Office, India, March 08, 2022.

36. Research Idea towards Trademarks, Copyrights and Patents, Telangana Social Welfare Residential Degree College for Women-Suryapet, Telangana, February 28, 2022.

37. NDLI User Awareness Program, NDLI Club of HSM'S, SSGBCOE&T, Bhusawal, February 26, 2022.

38. Essential Skills for Research Writing and Publishing-Special Reference to IPR, J. Watumull Sadhubella Girls College, Ulhasnagar, February 24, 2022.

39. IP Awareness/Training Program, Intellectual Property Office, India, February 10, 2022.

40. IP Awareness/Training Program, Intellectual Property Office, India, January 28, 2022.

41. IPR Awareness and Related Procedures, Godavari College of Engineering, Jalgaon, January 28, 2022.

42. Decoding Patents and Designs for Academia and Researchers, DPIIT-IPR Chair Osmania University, January 22, 2022.

43. IP Awareness/Training Program, Intellectual Property Office, India, January 17, 2022.

44. IP Awareness/Training Program, Intellectual Property Office, India, January 13, 2022.

45. The Complete Guide to Identify Variables and Construct Hypotheses, Research Graduate, January 01, 2022.

46. Patent Drafting Guidelines, Bharati Vidyapeeth COE, Pune, December 29, 2021.

47. Reviewing of Literature for Formulating a Research Problem, Research Graduate, December 18, 2021.

48. Fundamentals of IPR, HSM'S, SSGBCOE&T, Bhusawal, December 18, 2021.

49. How to Write a Research Proposal, Research Graduate, December 12, 2021.

50. Strategies to Write a Research Proposal and Funding Opportunities in India-An Overview, Ramco Institute of Technology, Rajapalayam, December 08, 2021.

51. Introduction to Research for Beginners, Research Graduate, November 21, 2021.

52. Hypothesis Building and Testing a Structural Equation Modelling Approach Centre for Consultancy Training and Corporate Interface, DOC and Knowledge Partner, I-BAT, November 10, 2021.

53. Prerequisite for Execution of Research Work, Priyadarshini COE, Nagpur, October 28-30, 2021.

54. Information Literacy and e-Resource for Education and Research, Government Girls Post Graduate College, Ujjain, October 26, 2021.

55. Intellectual Property Rights, Banwarilal Bhalotia College, Asansol, October 23, 2021.

56. 7 Secrets of Scientific Research Methodology, Aristocrat IT Solutions Pvt. Ltd., October 23, 2021.

57. Impact Lecture Series on Patent Filling Process & Procedure and Success Mantra-How to Become Entrepreneur, G.H. Raisoni Institute of Business Management, Jalgaon, October 05, 2021.

58. Innovation and Startup, Bajaj College of Science, Wardha, October 05, 2021.

59. Formulation of Hypothesis, Kasturba Gandhi Degree and PG College for Women, Hyderabad, October 02, 2021.

60. Advanced Mathematical Tools for Engineering Research, Mangayarkarasi College of Arts and Science for Women, Paravai, Madurai, October 01, 2021.

61. Academic Research Writing, Plagiarism and H-Index, Arts, Commerce and Science College, Shahapur, Thane, September 29, 2021.

62. Role of Libraries in the Promotion of Research Activities, Gokaraju Rangaraju Institute of E&T, Hyderabad, September 24, 2021.

63. Intellectual Property Rights and Entrepreneurship, Bajaj College of Science, Wardha, September 22, 2021.

64. Effective Proposal Writing for Research and Funding, Sharadchandra Pawar COE Dumbarwadi, Junnar, Pune, September 16, 2021.

65. Topic Selection and Research Approach, Sharadchandra Pawar COE Dumbarwadi, Junnar, Pune, September 09, 2021.

66. Intellectual Property Rights (IPR), Dr. D Y Patil School of Engineering, Lohegaon, Pune, September 06, 2021.

67. Research Paper Writing and Publications, Dr. D Y Patil School of Engineering, Lohegaon, Pune, August 30, 2021.

68. Intellectual Property Rights-Copyright and Patents, Jain College of Commerce, Shrirampur, August 27, 2021.

69. Intellectual Property Rights-Patent Filling, Pansare Mahavidhyalaya, Arjapur, Nanded, August 27, 2021.

70. IEEE Authorship and Open Access Symposium, IEEE Client Services, August 26, 2021.

71. Economics of the Intellectual Property Rights, Mahatma Gandhi Memorial College, Udupi, July 16, 2021.

72. IEEE Authorship and OA Symposium, IEEE Client Services, July 08, 2021.

73. Latest Trends and Opportunities in Telecom Sector, Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon, June 27, 2021.

74. Introduction to Observational Research, The Third Degree, Malaysia, June 23, 2021.

75. Whats New @ IEEE for Libraries-Driving Innovation Forward to a Brighter Future, IEEE Client Services, June 16, 2021.

76. IPR and Innovations, Rajapalayam Rajus College, Rajapalayam, June 15, 2021.

77. Investigating Journals-Tricks to Identify the Cloned-Predatory Journals, Rotaract Club of Madras Mount, Chennai, May 24, 2021.

78. Patent Process Overview, AISSM'S COE, Pune, May 24, 2021.

79. Intellectual Property Rights, Shanti Devi Arya Mahila College, Dinanagar, May 14, 2021.

80. Thesis Structures and Evolving Your Writing, ACT4Health, University Malaya, May 01, 2021.

81. How to Write High Quality Technical Paper and Searching Technique in IEEE, EEE-EBSCO Information Services, April 29, 2021.

82. Intellectual Property Rights (IPR), Smt. Radhadevi Goenka College for Women, Akola, April 26, 2021.

83. Strategies to Improve Workplace & School Success, IEEE, April 16, 2021.

84. Improving Research Ethics and Academic Integrity using Turnitin Software, Rajagiri College of Social Sciences and Rajagiri Business School in association with Turnitin, April 09, 2021.

85. Search Strategies to Optimize Your Research Time, IEEE Client Services, March 30, 2021.

86. Multidisciplinary Research, Guru Nanak College of Science, Ballarpur, March 13, 2021.

87. Scientific Manuscript Writing, Institute of Home Economics University of Delhi, March 03, 2021.

88. Research Planning-Proposal, Project and Implementation For Career Advancement, Satyendra Narayan Sinha College, Warisaliganj, Nawada, March 03, 2021.

89. Intellectual Property Rights (IPR)-Patent Filing, Sau. Rajanitai Nanasaheb Deshmukh Arts, Commerce and Science College, Bhadgaon, March 02, 2021.

90. The Importance of Research Ethics, Government Swami Vivekanand College, Sarangpur, Rajgarh, MP, February 22, 2021.

91. Crafting Research Proposals for Securing Grants From Funding Agencies, Badruka College of Commerce and Arts, Kachiguda, Hyderabad, February 12, 2021.

92. Intellectual Property Rights (IPR) and Patent Process, KCE'SCOE&M, Jalgaon, February 02, 2021.

93. A Footstep towards Commercialization of Research Work, Dr. Ambedkar College, Deekshabhoomi, Nagpur, January 29, 2021.

94. Effective Skills for Research Paper and Research Proposals, I.C.S. College of Arts, Commerce and Science, Khed, Ratnagiri, January 12, 2021.

95. Secrets to Quickly Get Your Research Paper Published & Hasten your Research Writing, Aristocrat Research, January 02, 2021.

96. Effective & Efficient Writing of Research Papers for the Web of Science, Scopus Indexed Journal and Conference Papers Using Typeset Research Studio, Vidyavardhaka COE, Mysure, and Nexus Global EduTech, Bengaluru, December 29, 2020.

97. My Story-Motivational Session By Innovator, Teerthanker Mahaveer University, Moradabad, December 26, 2020.

98. Consumerism and Financial Literacy in the Midst of Covid-19 Pandemic, HSM'S, SSGB Hindi Mahavidyalaya, Bhusawal, December 03, 2020.

99. IEEE GCC Authorship Symposium, IEEE Client Services, November 18, 2020.

100. Improve 5G Device Quality with Benchmarking and Troubleshooting, Keysight Technologies, November 03, 2020.

101. Intellectual Property Rights and Patent Process, GHRIOBM, Jalgaon, October 24, 2020.

102. Search Strategies to Optimize Your Research Time, IEEE Client Services, October 14, 2020.

103. Understanding 5G New Radio (NR) Standards-A Primer, Keysight Technologies, October 13, 2020.

104. Current Trends in Electronics- IoT and its Applications, Maharaja Saiyajirao Gaikwad Arts, Science and Commerce College, Malegaon, September 30, 2020.

105. Advancing Photonics Systems Through Machine Learning, SRM institute of Science and Technology, Kattankulathun, Tamilnadu, September 17, 2020.

106. Road ahead Computational Intelligence Research for Hyperspectral Image Classification, Sreenivasa Institute of Technology and Management Studies, Murukambattu, Chittoor, AP, August 24, 2020.

107. Wireless Communication (6G) and Future of IoT, SSGBCOE, Shegaon, August 12, 2020.

108. Mysteries of Earth's Moon through Indian Lunar Mission, Indian Society of Remote Sensing Indore Chapter and Shri G.S. Institute of Technology and Science, Indore, August 11, 2020.

109. Challenges and Opportunities for Engineers in Electric Vehicle Design and Development, Faculty of E&T, Jain (Deemed-to-be-University), Bengaluru, August 07, 2020.

110. Insights on Quality Research, KIOT, Chennai, August 06, 2020.

111. Application of AI in Core Engineering, Hindusthan COE&T, Coimbatore, July 28, 30, 31, 2020.

112. The Art of Writing Quality Research Paper, Publishing in Reputed Journals and Getting More Citations, KIOT, Chennai, July 30, 2020.

113. Get Ready for Ai Using MATLAB and Simulink, Sanjivani COE, Koparagon, July 28, 2020.

114. Big Data-Spark Streaming With Kafka, Understanding How It All Works In Real time, Vivekanand Education Society's Institute of Technology, Chembur, Mumbai, July 25, 2020.

115. Machine Automation in Packaging (Industries- Pharma, Food and Cosmetics), Vivekanand Education Society's Institute of Technology, Chembur, Mumbai, July 25, 2020.

116. Medical Image Processing, RCPIT, Shirpur, July 25, 2020.

117. Virtual and Augmented Reality in Education, GMR Institute of Technology, Rajam, AP, July 25, 2020.

118. LabVIEW for Artificial Intelligence, Vivekanand Education Society's Institute of Technology, Chembur, Mumbai, July 24, 2020.

119. How Do We Prepare Our Students For Industry 4.0 Using NI, Institute of Technology, Chembur, Mumbai, July 23, 2020.

120. MATLAB and Simulink Fundamentals & its Application in AI, Atharva COE, Mumbai, July 23, 2020.

121. Innovative Research-Need of the Hour, KIOT, Chennai, July 23, 2020.

122. Recent Trends in Autonomous Robots, KJSIEIT, Sion, Mumbai, July 22, 2020.

123. Remote Engineering Education Using NI In New Normal, Vivekanand Education Society's Institute of Technology, Chembur, Mumbai, July 22, 2020.

124. Optical Fibre Sensors and their Applications, Galgotias COE&T, Grater Noida, UP, July 21, 2020.

125. Data Science, KJSIEIT, Sion, Mumbai, July 20, 2020.

126. Applications of Microwave, Mandsaur University, Mandsaur, July 18, 2020.

127. Augmented Reality, KJSIEIT, Sion, Mumbai, July 18, 2020.

128. Revised NAAC Assessment & Accreditation Process for Higher Education Institutions, KBCNMU, Jalgaon, July 17, 2020.

129. Image Analysis Using Deep Neural Networks, Francis Xavier COE, Tirunelveli, July 17, 2020.

130. Blockchain, KJSIEIT, Sion, Mumbai, July 17, 2020.

131. Quantum Computing, KJSIEIT, Sion, Mumbai, July 16, 2020.

132. 6G Technologies, Hindusthan College of Arts and Science, Coimbatore, July 16, 2020.

133. From Research and Technology Innovation to Entrepreneurship, KIOT, Chennai, July 16, 2020.

134. 3D Printing: The Key to 4th Industrial Revolution, BS&H, KJSIEIT, Sion, Mumbai, July 15, 2020.

135. Cyber Security, KJSIEIT, Sion, Mumbai, July 14, 2020.

136. Engineering, Employability and Emotional Intelligence, Francis Xavier Engineering College, Tirunelveli, July 14, 2020.

137. WSN Communication Strategies, Challenges and Applications, Francis Xavier Engineering College, Tirunelveli, July 13, 2020.

138. Error Correcting Codes for 5G, Francis Xavier Engineering College, Tirunelveli, 13-July-2020.

139. Artificial Intelligence, KJSIEIT, Sion, Mumbai, July 13, 2020.

140. Opportunities in Core Companies and How to Prepare for It, Francis Xavier Engineering College, Tirunelveli, July 12, 2020.

141. Design, Development and Implementation of Project Methodologies, All India Shri Shivaji Memorial Society's COE, Pune, July 11, 2020.

142. Professional Career through Strategy and Skills, Francis Xavier COE, Tirunelveli, July 11, 2020.

143. Machine Learning in JavaScript, IEEE AcSIR-CSIO, Chandigarh, July 11, 2020.

144. Prospects of Artificial Intelligence In Telecom Networks-converted, Francis Xavier Engineering College, Tirunelveli, July 10, 2020.

145. Artificial Intelligence in Engineering, GNIET, Nagpur, July 10, 2020.

146. A General Perspective on CFD Research, KIOT, Chennai, July 09, 2020.

147. Outcome Based Education, Jaywant COE and Polytechnic, Sangli, July 06, 2020.

148. NASA Space Technology Program and Its Kepler Mission, IEEE AcSIR-CSIO, Chandigarh, July 05, 2020.

149. Enhancing Quality Culture in Technical Institutes through Online Teaching for Outcome Base Teaching, All India Shri Shivaji Memorial Society's College of Engineering, Pune, July 05, 2020.

150. Positive Media and Society, Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal, KBCNMU, Jalgaon with Mulyanugat Media Abhikarm Samiti, Indore, July 05, 2020.

151. Detailed Method of Writing Project Book, Thesis & Research Papers, Talha Ask Education, July 05, 2020.

152. Roll of Industry 4.0 Technologies in Business Operations, IEEE Bombay Section, July 04, 2020.

153. Instrumentation for Research in Thermal Engineering, KIOT, Chennai, July 04, 2020.

154. The Future of Digital Learning, Immaculate College for Women, Pudupalayam, Cuddalore, July 03-04, 2020.

155. Opportunities and Challenges for Electronics Engineer, MIT, Aurangabad, July 03, 2020.

156. Serverless Computing, Loyola Institute of Technology, Palanchur, Chennai, July 01, 2020.

157. Emerging Trends In Genetic Engineering, Chaitannya Deemed-to-be-University), Hanamakonda, Warangal, June 30, 2020.

158. Numerical Solving Techniques, Talha Ask Education, June 28, 2020.

159. Leading in Digital Age, Beta College of Business and Technology, June 28, 2020.

160. Self-Reliance In Career & Exploring Dimensions of Life, PCCOE, IETE, and IET, Pune, June 27-28, 2020.

161. Maintenance of Computers and Electronics for All Users, Saguna College of Engineering, Coimbatore, June 26, 2020.

162. Improving Your Leadership and Communication, IEEE AcSIR-CSIO, Chandigarh, June 26, 2020.

163. Transformation of 5G and Wi-Fi 6, Loyola Institute of Technology, Palanchur, Chennai, June 25, 2020.

164. Science, Technology and Development, Charotar University of Science and Technology, Changa, June 23, 2020.

165. Research Paper Writing, IEEE AcSIR-CSIO, Chandigarh, June 22, 2020.

166. Question Paper Settings-OBE, Annasaheb Dange COE&T, Ashta, June 21, 2020.

167. Entrepreneurship-A World of Opportunities, K. K. Wagh Polytechnic, Nashik, June 20, 2020.

168. Android Insights, Loyola Institute of Technology, Palanchur, Chennai, June 18, 2020.

169. IEEE 802 Networking Standards-Connecting the World, IEEE, June 17, 2020.

170. Robotics Process Automation, Life Skills, Tomorrow be Yours, Introduction to Data Analytics, Research and Development, Saguna College of Engineering, Coimbatore, June 13-17, 2020.

171. English for Academic Research Writing, SSBT's COE&T, Bambhori, June 16, 2020.

172. Recent Advances in Engineering & Technology, Raisoni Group of Institutions, June 08-13, 2020.

173. Understanding The Fundamentals Of Machine Learning, S. S. Agrawal Institute of Engineering and Technology, Navasari, June 09, 2020.

174. Exploring Emerging Dimensions of Electronics, St. John COE&M, Palghar, June 05-09, 2020.

175. Soft Skill and Creative Thinking In Chemical and Physical Sciences, Arts, Commerce and Science College, Yawal, June 08, 2020.

176. Recent Trends in Wireless Communication, RCPIT, Shirpur, June 07, 2020.

177. Current Issues IPR and Anatomy of Patents, Akola Law College, June 06-07, 2020.

178. Awareness On Research and How to Avoid Plagiarism, J D COE &M, Nagpur, June 06, 2020.

179. Role of Electronics Engineers in Building India-Post COVID-19, MIT, Aurangabad, June 05, 2020.

180. Academic Research in Modern Perspective, SGBIT, Belagavi, Karnataka, June 04, 2020.

181. Research Strategies with IEEE Xplore & Resources for Authors, IEEE Client Services, June 03, 2020.

182. How to Get Published with IEEE, IEEE Client Services, June 03, 2020.

183. Blockchain and Bitcoins, Francis Xavier COE, Tirunelveli, June 03, 2020.

184. Research Methodology Including Experimental Approach, AISSMS COE, Pune, May 31, 2020.

185. Research and Innovation to Lead Smart World, IEEE Bombay Section, May 30, 2020.

186. Demonstratation of Embedded Devices Which Prevent Spread of Corona, Sinhgad Institute Technology, Lonavala, May 30, 2020.

187. Revolutionary Challenges in 5G Technologies and Impact on Covid-19 Pandemic, Velammal COE&T, Viraganoor, Madurai, May 27-30, 2020.

188. Cyber Security for Online Education Tools, K. K. Wagh Polytechnic, Nashik, May 29, 2020.

189. COVID-19 Prevention Using Electronic Product Design and Development, Sinhgad Institute Technology, Lonavala, May 29, 2020.

190. Career Opportunities Post PANDEMIC, Sinhgad Institute Technology, Lonavala, May 28, 2020.

191. Digital Privacy and Security, Sou. Venutai Chavan Polytechnic, Pune, May 27, 2020.

192. COVID-19-Software Security-Schemes and Implementation, Sinhgad Institute Technology, Lonavala, May 27, 2020.

193. AI for health care applications, Chennai Institute of Technology, May 27, 2020.

194. Machine Learning and Artificial Intelligence, Sardar Patel Institute of Technology IEEE Bombay Section, May 23-27, 2020.

195. Python Programming, Srinivasan Institute of Technology, Samayapuram, Tiruchirappalli, May 26, 2020.

196. Googling Google, Shri Bhagubai Mafatlal Polytechnic, Mumbai, May 26, 2020.

197. Opportunities Post COVID19 In Artificial Intelligence, Sinhgad Institute Technology, Lonavala, May 26, 2020.

198. Hands On Session On COVID-19 Prevention Devices, Sinhgad Institute Technology, Lonavala, May 25, 2020.

199. Healthy Mind, Healthy Living, Shri Bhagubai Mafatlal Polytechnic, Mumbai, May 24, 2020.

200. Research Paper Preparation and Publication, Gharda Institute of Technology, Lavel, Ratnagiri, May 24, 2020.

201. Low Power VLSI Design and Analysis, Gokaraju Pangaraju Institute of Engineering and Technology with Pantech, May 24, 2020.

202. Object Tracking Using ML and Python, C. Abdul Hakeem College of Engineering and Technology with Pantech, May 23, 2020.

203. 5G Usecases and Development of 3GPP 5G New Radio System and Space Antenna System, IEEE BIT and IEEE Bangalore, May 22-23, 2020.

204. Integrity and Ethical Considerations In The Conduct Of Research, Charotar University of Science and Technology, Changa, May 21-23, 2020.

205. Wireless Network Simulation Tools, Don Basco COE, Fatorda, Goa, May 22, 2020.

206. ML For Health Care Application, Sreyas Institute of E&T with Pantech, May 21, 2020.

207. Writing Article in Impacted Journal, MGM University, Dr. G. Y. Pathrikar College of CS and IT, Aurangabad, May 19, 2020.

208. Trends & Technologies On VLSI, Pantech Solutions, May 17, 2020.

209. Mental Health, KBTCOE, Nashik, May 17, 2020.

210. New Higher Education Policy and Digitization of Education, RCPIT, Shirpur with DBATU, Lonere, May 17, 2020.

211. Renewable Energy Using MATLAB, GCE, Thanjavur with Pantech, May 16, 2020.

212. Virtual Reality, Sri Kanyaka Parameswari Arts and Science College for Women, Chennai, May 15, 2020.

213. How Automation in the Examination Process can improve Productivity by 25%, Serosoft Solutions Pvt. Ltd., May 15, 2020.

214. Virtual Reality, Department of Computer Science and Applications with Pantech, May 14, 2020.

215. Study of Cryptography, Network Security and Implementation of Algorithms in Hardware for Lightweight Applications, Sri Venkateswara College of Engineering, Sriperumbudur Taluk, Tamilnadu, May 14, 2020.

216. 5G-Communication of next generation, Vidyalankar Institute of Technology, May 14, 2020.

217. Image Processing Using Python, Mount Zion COE & Technology, Pudukkottai with Pantech, May 13, 2020.

218. Intellectual Property-Know Your Rights, JDCOE&M, Nagpur, May 12, 2020.

219. Blockchain Technology Fundamentals, Sreyas Institute of Engineering and Technology, May 12, 2020.

220. Artificial Intelligence, M. S. College of Arts, Science, Commerce and BMS, Mumbra, May 12, 2020.

221. Secrets to get Quickly published as a scientific author & Hasten your PhD Research Writing, Aristocrat Research, May 10, 2020.

222. Unseen Epidemic-Addressing Mental Health and Well-Being, IIHMR University, May 09, 2020.

223. Technological Advancement In The Field Of Electronics and Telecommunications Engineering, Vidhyavardhini College of Engineering and Technology, Vasi, Palghar, May 05-09, 2020.

224. Image Processing-OPENCV, IETE Mumbai with Pantech, May 08, 2020.

225. IoT, IETE Mumbai with Pantech, May 04, 2020.

226. How To Review A Manuscript, Elsevier Researcher Academy, May 03, 2020.

227. Writing A Persuasive Cover Letter For Your Manuscript, Elsevier Researcher Academy, May 02, 2020.

228. Standing Up For Science, Elsevier Researcher Academy, May 02, 2020.

229. Seven Strategies Scientists Communicate Research Create Brand, Elsevier Researcher Academy, May 02, 2020.

230. Nuts and Bolts Peer Review Discussion-Biomaterials Editors, Elsevier Researcher Academy, May 02, 2020.

231. Managing Information Systems During and After A Pandemic, Elsevier Researcher Academy, May 02, 2020.

232. How To Write For An Interdisciplinary Audience, Elsevier Researcher Academy, May 02, 2020.

233. How To Secure Funding-ECR Edition, Elsevier Researcher Academy, May 02, 2020.

234. How To Respond Reviewers Comments, Elsevier Researcher Academy, May 02, 2020.

235. How To Produce Highly Visible Research Useful Tips For Researchers, Elsevier Researcher Academy, May 02, 2020.

236. How To Leverage Open Hardware To Improve Your Research, Elsevier Researcher Academy, May 02, 2020.

237. How To Conduct Evidence Based Research, Elsevier Researcher Academy, May 02, 2020.

238. Guide Reference Managers Effectively Manage References, Elsevier Researcher Academy, May 02, 2020.

239. Diversity In Peer Review, Elsevier Researcher Academy, May 02, 2020.

240. Discoverability-Top Tips To Get Your Book Out There, Elsevier Researcher Academy, May 02, 2020.

241. Detecting Image Manipulation-Routines, Tools and Limitations, Elsevier Researcher Academy, May 02, 2020.

242. 10 reasons to get-and use-an ORCID iD, Elsevier Researcher Academy, May 02, 2020.

243. A guide to journal citation metrics, Elsevier Researcher Academy, May 02, 2020.

244. How to peer review a review article, Elsevier Researcher Academy, May 02, 2020.

245. Getting Started with Simulink, GCOE, Jalgaon, April 28, 2020.

246. Getting Started with MATLAB, Government College of Engineering, Jalgaon, April 27, 2020.

247. IoT-Idea to Product, Wiley Publications, April 23, 2020.

248. Adopting Mindset of Agility, Wiley Publications, April 15, 2020.

249. Text and Image Data Processing, Wiley Publications, March 27, 2020.

250. Game Playing Techniques, Wiley Publications, March 19, 2020.

251. Techniques for Effective Research with IEEE Xplore, HSM'S, SSGBCOE&T, Bhusawal, March 05, 2020.

252. Getting Published In IEEE, Scopus and SCI Indexed Journals, HSM'S, SSGBCOE&T, Bhusawal, December 14, 2019.

253. Product Platform-Springer Link, HSM'S, SSGBCOE&T, Bhusawal, April 05, 2013.

254. IEEE Xplore-Digital Library, HSM'S, SSGBCOE&T, Bhusawal, February 18, 2013.

Poster Presentation:

1. Depicting Importance of a Research, Thakur Shyamnarayan Degree College, Kandivali, August 14-22, 2021.

Professional Body Membership:

1. ISTE-Indian Society for Technical Education Life Membership No: LM 63291.

Academic Awards/Achievements and Recognitions:

1. Recognize as a Reviewer, American Journal of Networks and Communications by Science Publishing Group, New York, U.S.A.

2. Works as a Reviewer, 2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2024) at PES Institute of Technology and Management Shivamogga, Karnataka, India.

3. Works as a Reviewer, 2024 IEEE International Conference on Recent Innovation in Smart and Sustainable Technology (ICRISST 2024) at Presidency University, Bengaluru, Karnataka, India.

4. Works as a Chairman, Board of Paper Setters and Examiners at UG level.

5. Works as a Paper Setter, Board of Paper Setters and Examiners at UG and PG level.

6. Works as an Examiner/Moderator/Expert for Central Assessment Programme (CAP) at UG level.

7. Works as an Internal/External Examiner for Practical/Oral Examination at UG level.

8. Works as an Internal/External Senior Supervisor for University Examinations at UG and PG level.

9. Works as a Flying Squad Member for University Examinations at UG and PG level.

10. Works as a Chairman for Collection of Answer sheet of Shirpur, Shahada and Dhule Colleges Under Jalgaon Sub Centre of DBATU, Lonere.

Funding Activities/Projects:

▪ **ISTE Workshops Conducted by IIT Bombay and IIT Kharagpur Under the National Mission on Education through ICT (MHRD, Government of India) and National Virtual Library of India (NVLI), funded by the Ministry of Culture, Government of India**

[1] **Title of the Activity:** Workshop on C, C++
Date of Activity: February 15, 2020
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 5, 000/-

[2] **Title of the Activity:** Workshop on R
Date of Activity: November 09, 2019
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 5, 000/-

[3] **Title of the Activity:** Workshop on Scilab
Date of Activity: May 04, 2019
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 5, 000/-

[4] **Title of the Activity:** Workshop on Koha and Library Automation
Date of Activity: October 12, 2018
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT, NVLI, Ministry of Culture, Government of India
Status: Completed
Grant Amount: Rs: 6, 000/-

[5] **Title of the Activity:** Workshop on CMOS, Mixed Signal and Radio Frequency VLSI Design
Date of Activity: January 30, 2017 to February 04, 2017
Roll: Remote Center Coordinator
Funding agency: IIT Kharagpur, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 87, 560/-

[6] **Title of the Activity:** Workshop on Engineering Physics
Date of Activity: December 08-18, 2015
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 67, 000/-

[7] **Title of the Activity:** Workshop on Environmental Studies
Date of Activity: June 02-12, 2015
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 1, 19, 970/-

[8] **Title of the Activity:** Workshop on Control Systems
Date of Activity: December 02-12, 2014
Roll: Remote Center Coordinator
Funding agency: IIT Kharagpur, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 1, 39, 000/-

[9] **Title of the Activity:** Workshop on Computer Networking
Date of Activity: Online: May 22, 2014 to June 29, 2014; **Physical:** June 30, 2014 to July 05, 2014
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 85, 700/-

[10] **Title of the Activity:** Workshop on Computer Programming
Date of Activity: Online: May 11, 2014 to June 15, 2014; **Physical:** June 16-21, 2014
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 1, 24, 855/-

[11] **Title of the Activity:** Workshop on Fluid Mechanics
Date of Activity: May 20-30, 2014
Roll: Remote Center Coordinator
Funding agency: IIT Kharagpur, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 1, 71, 000/-

[12] Title of the Activity: Workshop on Signals and Systems
Date of Activity: January 02-12, 2014
Roll: Remote Center Coordinator
Funding agency: IIT Kharagpur, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 1, 65, 413/-

[13] Title of the Activity: Workshop on Analog Electronics
Date of Activity: June 04-14, 2013
Roll: Remote Center Coordinator
Funding agency: IIT Kharagpur, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 1, 12, 905/-

[14] Title of the Activity: Workshop on Database Management Systems
Date of Activity: May 21-31, 2013
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 1, 06, 100/-

[15] Title of the Activity: Workshop on Aakash Android Application Programming
Date of Activity: February 23-24, 2013 and March 02-03, 2013
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant Amount: Rs: 17, 000/-

[16] Title of the Activity: Workshop on Aakash for Education
Date of Activity: November 10-11, 2012
Roll: Remote Center Coordinator
Funding agency: IIT Bombay, NMEICT (MHRD, Government of India)
Status: Completed
Grant: Aakash Tablets

[17] Equipment funding by IIT Bombay to Aakash center: Rs: 1, 00, 000/-

[18] Infrastructure Set Up in the A-View Classroom for T10kT Workshops: Rs: 2, 80, 000/-

Responsibilities Handled At College Level:

1. NBA Coordinator.

2. NAAC Coordinator for Criteria-III.

3. ARC/FC Co-ordinator for UG/PG admissions.

4. IETE Activities and Institute Membership Coordinator.

5. ISO Coordinator.

6. Ph.D Research Centre Coordinator.

7. Result Analysis Coordinator.

8. Workshop/STTP/FDP Coordinator.

9. Member of T&P Committee.

10. Member of IPR Cell.

11. Member of College Website Design Committee.

12. Member of Social Media/Printing Committee.

13. Member of Alumni Committee.

14. Member of Anti Ragging Committee.

15. Departmental Time Table Coordinator.

16. Industrial Visit/Tour Coordinator.

17. Member of Extra Curricular Activities Committee.

Personal Information:

Date of Birth:	09/09/1982
Gender:	Male
Nationality:	Indian
Marital Status:	Married
Languages Known:	English, Hindi, and Marathi
Hobbies:	Reading, Plantation, Listening Music, Watching Suspense Movies.
Permanent Address:	"Shri Swami Krupa", Plot No: 16, Shaleen Park, Ayodhya Nagar, Near Subhash Motor Garage, Behind Kushal Offset, Jalgaon Road, Bhusawal-425201, District-Jalgaon, Maharashtra, India.