



Dr. Sanjeev J. Wagh

BE, ME, PhD. (Computer Sci. & Engineering), MBA-IT,
Post Doc Fellow(Aalborg University, Denmark), D.Sc. (Hon.)

Professor, CSE | Information Technology

Government College of Engineering, Karad.

(An Autonomous Institute of Govt. of Maharashtra)

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(Ex. Principal, Govt. College of Engineering Karad & KJ College of Engineering, Pune)







EDUCATIONAL QUALIFICATION:

Sr. No.	Qualification	Institute/University	Specialization	Completion/Class
01	Post-Doctoral-Fellow	CTIF - Aalborg, Aalborg University, Denmark (EU)	Wireless Sensor Network	April 2013-May 2014
02	Doctorate of Philosophy PhD (Computer Sci&Engg)	SGGSIE&T, Nanded SRTM University, Nanded	Internet Routing	Degree Awarded 14 th Mar 2009
03	Masters of Engineering M.E.(Computer Engineering)	Government College of Engineering (COEP), Pune	Computer Engineering	Nov 2003/First Class
04	Bachelors of Engineering B.E. (Computer Sci&Engg)	SGGSIE&T, Nanded SRTM University, Nanded	Computer Science & Engineering	June 1996/First Class With Distinction
05	Master of Business Administration (MBA-IT)	NIBM - Chennai (ISO UK Certified)	Information Tech.	May 2015/First Class

PROFESSIONAL EXPERIENCE:

Sr.No.	Post & Organizations	From	To	University Approvals
01	Principal, Govt. College of Engg, Karad.	01/02/2023	07/12/2023	DTE ORDER
	Professor & Head, Information Technology, Government College of Engineering, Karad.	08/07/2016	Till date	MPSC Selection, Govt. of Maharashtra
02	Principal / Professor in Computer Engineering, K. J. College of Engineering & Mgmt. Research, Pune.	16/11/2010	30/06/2016	Approval No. CCO/1670 Dated:03/02/2011 Pune University
03	Professor & Head of the Department Computer Engineering, MIT Academy of Engineering, Pune	01/03/2009	15/11/2010	Approval No. CCO/957 Dated:15/01/2010 Approval No. CCO/ 1249 Dated:30/12/2010 (PU)
	Assistant Professor, Maharashtra Academy of Engineering, Pune	30/06/2006	28/02/2009	Approval No. CCO/138 Dated:15/11/2006 Pune University
04	Assistant Professor, Army Institute of Technology, Pune	01/08/2005	29/06/2006	Approval No. CCO/82 Dated:05/01/2006 Pune University
05	Assistant Professor, SRES College Of Engg, Kopergaon. (Pune University)	01/12/2003	30/07/2005	Approval No. CCO/451 Dated:12/01/2005 Pune University
	Lecturer, SRES College Of Engg, Kopergaon (Pune University)	01/07/1999	30/11/2003	Approval No. CCO/17 Dated:26/11/1999 Pune University
06	Lecturer, MIT/PES, College of Engineering, Aurangabad (Dr. BAMU Marathwada Univ.)	14/08/1996	31/07/1998	Approved by Dr. B.A.M.U, Aurangabad.

ACADEMIC & RESEARCH IDENTITY:

	Employee Id: DTESJW7301		Researcher Id: rid9264
	Orcid Id: 0000-0002-7682-6453		Google Scholar Id: https://scholar.google.co.in/citations?hl=en&user=Fw9X1HsAAAAJ
	Scopus Id: 26422665100		Microsoft Academic Search Id: 145643527

Interactions for Vice Chancellor at State Universities / Director Interview

- VC, Dr. Babasaheb Ambedkar Technological University, Lonere Raigad (Dec 2022)
- VC, COEP Technological University (Formerly College of Engineering, Pune) (Mar 2024)
- VC, Laxminarayan Institute of Technological University, Nagpur (Nov 2024)
- Director, Directorate of Technical Education, Maharashtra State (Mar 2023)
- Director, IIIT Pune (Feb 2025)

EVALUATOR / MODERATOR at National Level committee

- **National Board of Accreditation (NBA)**

AWARDS/ACKNOWLEDGEMENT/RECOGNITIONS:

Sr. No.	Fellowship / Award	Year	International / National Level	Awarding Academic Body/ Association
01	Fellowship: Post-Doctoral Fellow	2014	International	Aalborg University, Denmark
	Award: East Oxford Education Award	2024	National	Corporate India Awards Education India
02	Award: Hon. Doctrine of Science (Computer Science & Engineering)	2020	International	Agency of International Standards, Jaipur Raj. India
03	Award: Best Paper Award	2020	International	International Conference on Machine Intelligence and Smart Computing (ICMISC2020)
04	Award: Excellence award in Research and Innovation	2018	National	Wegrow Pvt Ltd, Bhubneshwar Odisha
05	Award: Best Paper Award	2018	International	International conference on Communication Networks & Signal Processing ICCNSP, Bangalore, India
06	Award: Best Paper Award	2004	International	International Conference on Parallel & Distributed Computing, Vellore Institute of Technology TN India.

SUBJECTS OF INTERESTS/TAUGHT:

Sr. No.	Level of Teaching	Subjects details
01	Under Graduate:	Internet of Things, Design and Analysis of Algorithms, Computer Networks, Internet Technologies, Software Engineering, Discrete Structure, etc. Internet of Things, Data Analytics, Digital Security and Forensics, Science of Design, etc.
02	Post Graduate:	Internet Routing Design, Network and Information Security, Advanced Computer Network, etc.
03	PhD Course Work:	Research Methodology, Advances in Networking, Design & Analysis of Computer Network, Mathematical Modeling, etc.

MOOCS COURSES COMPLETED (CERTIFICATIONS)

Sr. No	Name of the Course	Instructor	Certificate Id
1.	Big Data Emerging Technologies	Jong-Moon Chung, Professor, School of Electrical & Electronic Engineering Director, Communications & Networking Laboratory, YONSEI University, South Korea	6KN49KEAEB63
2.	Introduction to the Internet of Things and Embedded Systems	Ian Harris, Professor Department of Computer Science University of California, Irvine USA	5VRNYSDPNQG7
3.	Design Thinking for Innovation	Jeanne M. Liedtka Professor of Business Administration, United Technologies Corporation, Darden School of Business University of Verginia, USA	ZB3GH3D4NXJK
4	Introduction to Data Science	Polong Lin, Alex Aklson, Ph.D.Rav Ahuja Data Scientists , AI & Data Science, IBM Skills Network, USA	WCYGCCETHXN7
5	What is Data Science	Polong Lin, Alex Aklson Data Scientists IBM, USA	TD86NFX34V5T
6	Data Science Methodology	Polong Lin, Alex Aklson Data Scientists IBM, USA	TYUBLDGAVRJ9
7	Databases and SQL for Data Science	Rav Ahuja, Program Director, AI & Data Science IBM Skills Network, USA	9CPBMU3G8H25
8	Open Source tools for Data Science	Polong Lin Data Scientist, IBM USA	33QM65B4EC4A
9	Generative AI for Everyone	Andrew Ng, IBM Founder DeepLearning.AI, Co-Founder Coursera	1H84O2UM6KPP
10	Generative AI Fundamentals	Rav Ahuja, Global Program Director IBM Skills Network, USA	IXOOMIOVBCCT
11	Generative AI: Introduction and Applications	Rav Ahuja, Global Program Director IBM Skills Network, USA	9NCT7XU2EWV7
12	Generative AI: Business Transformation & Growth	Rav Ahuja, Global Program Director IBM Skills Network, USA	D6V5MX7DXHXH
13	Generative AI: Foundation Models and Platforms	Rav Ahuja, Global Program Director IBM Skills Network, USA	H38FYUHLT3HZ
14	Generative AI: Prompt Engineering Basics	Antonlo Canglano, Engineering Manager and AI Specialist, IBM Digital Business Group	Q518CFCASC0B

15	Generative AI: Impact Considerations and Ethical Issues	Antonlo Canglano, Engineering Manager and AI Specialist, IBM Digital Business Group	UWH4PQ2D8MRB
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PROFESSIONAL MEMBERSHIP:

NATIONAL:

- Fellow IETE (F-235894/2013)
- Life Member ISTE Society (LM-31587/2001)

INTERNATIONAL:

- **Senior Member IEEE USA** (M-92738970/2012)
- Member ACM USA (M-802976 08/2010)
- Member IACSIT Singapore (M-80332961/2009)
- Member IASED, Hong Kong (M-51050385/2009)
- Member IANG, Hong Kong (M-62705/2007)

PROFESSIONAL ACTIVITIES:

❖ Reviewers for International Journals and Conference:

- Reviewer, IEEE Transactions on Mobile Computing (USA)
- Reviewer, Journal on Intelligent Computing, Web of Science Journals.
- Reviewers Journal of Electronic Security and Digital Forensics. (Inderscience publishers) 03/2019
- Reviewers Journal of Advances in Science and Technologies 05/2020 (Scopus Index Journal)
- Reviewer for European Alliance for Innovation publications 09/2019 (Web of Science)
- Member of International Journal on Computer network and Internet Research Cairo university, Egypt)
- Member, IQAC, DY Patil College of Engineering, Akurdi Pune
- Member, **Academic Advisory Board**, DY Patil College of Engineering, Kolhapur.

PhD RESEARCH GUIDE AFFILIATIONS:

1. Dept. of Technology, Shivaji University Kolhapur
2. Dept. of Technology, Savitribai Phule Pune University
3. Dept of CSE, Sathyabama Institute of Science & Technology, Chennai.
4. Dept. of CS&IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

PhD RESEARCH CANDIDATES (AWARDED AND ONGOING):

❖ PhD Degree Awarded:

1. Performance Analysis & Enhancement of Energy Optimization using Topology Control in WSN
Ms. Manisha Bhende, **University: Savitribai Phule Pune University (2012-2016).**
2. "Enhanced mechanisms for Energy aware Routing and Reliability in Wireless Sensor Networks", Mr. Soumitra Das, University: Sathyabama University, Chennai (2013-2019).
3. "Design and Implementations of Scheduling Algorithms in Wireless Sensor Networks"
Mr. Deepak Mhetre, University: Sathyabama University, Chennai (2013-2019).
4. "A hierarchical fractional LMS prediction method for data reduction in a wireless sensor network" Mr. Pramod Ganjewar, University; Sathyabama University, Chennai (2013-2019)

5. "Integrated Approach of IPS/IDS for MANET using context aware Hybrid Approach" Mr. Sachin Godse, University: Savitribai Phule Pune University [*Guide/Co-guide*] (2014-2019).
6. "Techniques for Forensic Enabled Security in Cloud Computing Environment", Scholar Name: Mr. Sagar Rane, Research Center: Department of Technology, Savitribai Phule Pune University (2018 – 2023).
7. "Spectrum Prediction Model for Future Internet Usage", Scholar Name: Mr. Sandeep Pokharkar, Research Center: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (2015 - 2024).

❖ **PhD Research Ongoing :**

1. "Efficient Land Cover Classification using a fusion of deep learning with fuzzy logic", Scholar Name: Ms. Vandana Chavan, Research Center: Dept. of Technology, Shivaji University Kolhapur. (2020 – ongoing)
2. "Investigation for Diabetic Retinopathy Detection Using Pseudo-Labeling Classifier, Scholar Name: Mr. Umesh Patil, Research Center: Dept. of Technology, Shivaji University Kolhapur. (2020 – ongoing)
3. "Improvised Detection of Fake News on Social Media Platforms", Scholar Name: Ms. Pradnya Patil, Research Center: Dept. of Technology, Shivaji University Kolhapur. (2020 – ongoing)
4. "Efficient Efficient computing technique to classify Skin Lesion using Clinical data", Scholar Name: Mr. Sadanand Howal, Research Center: Dept. of Technology, Shivaji University Kolhapur. (2020 – ongoing)

PhD THESIS EVALUATED & EXAMINED:

1. **"Design and Management of Efficient Networks using Simulation model"**, Research Scholar: Mr. Hitendra Patil; Research Guide: Dr. Suresh Mehrotra, University: Dr. B A Marathwada University, Aurangabad, MS (2013).
2. **"Improved extraction mechanism in ETL process for building of a data warehousing"**, Research Scholar: Ms. Preeti Patil; Research Guide: Dr. Shrikant Rao, University: NMIMS University, Mumbai (2015).
3. **"Semantic Information Extraction using Ontology for Handwritten Devnagari Script Documents"**, Research Scholar: Ms. Sharwari Govilakar, Research Guide: Dr. J. W. Baakal,, Mumbai University (2016).
4. **"Design and simulate cloud computing environment using cloudsims"**, Research Scholar: Ms. Jayshri Pagare Research Guide. Dr. Nitin Koli, SGM Amravati University (2016)
5. **"Reinforcement learning algorithm for Optimized Routing for Mobile Ad Hoc network"** Research Scholar: Mr. Rahul Desai, Research Guide: Dr. B. P. Patil: SP Pune University (2017).
6. **"Context aware Routing Algorithmic technique in Internet of Things for an Information Communication and Technology (ICT) Applications"** Research Scholar: Mr. Amot Dhumane, Research Guide: Dr. R. S. Prasad: SP Pune University (2018).
7. **"Development of Novel Algorithms for Analysis and Visualization of Large Graph"** Research Scholar: Ms. Swati Bhavsar, Research Guide: Dr. V. H Patil: SP Pune University (2018).

8. **"Algorithm for context-aware clustering and adaptive addressing for next generation internet"**, Research Scholar: Mr. Vinod Kimbahune, Research Guide: Dr. A. V. Deshpande: SP Pune University (2018).
9. **"Multi-Lead ECG Signal Compression for Hand-Held Devices"**, Research Scholar: Ms. K. Surekha, Research guide: Dr. B. P. Patil, Research Center: SP Pune University (2018)
10. **"Analysis and Design of Various Cluster based Summarization Techniques to Design and Development of Cluster based Query Specific Text Summarization Methodology (Technique)"**, Research Scholar: Mrs. Mrunal Subodh Bewoor, Research Guide Dr. S H Patil, Research Center: Bharti University, Pune (2019)
11. **"Optimal task scheduling for efficient resource allocation in cloud computing"**, Research Scholar: Mr. Mahendra Bhatu Gawali, Research Guide: Dr. S. K. Shinde, Mumbai University (2019)
12. **"An efficient algorithms for Descimination Prevention in Data Mining"**, Research Scholar: Mr. Manoj Wackchaure, Research guide: Dr. Shirish Sane, Research Center: SP Pune University (2019)
13. **"Building Accuracies in Opinion Mining By Various Mining Strategies and Techniques"**, Research Scholar: Ms. Savita Sangam, Research guide: Dr. S. K. Shinde, Research Center: Mumbai University (2019)
14. **Challenges and Opportunities of Privacy, Security Issues in Cloud Computing for Healthcare Services Sector Using Secret Sharing"**, Research Scholar: Ms. Manisha Dudhani, Research guide: Dr. Santosh Lomte, Research Center: Research Center: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (2019).
15. **"Algorithm and techniques for Power aware distributed system"**, Research Scholar: Mr. Nitin More, Research guide: Dr. Rajech Ingle, Research Center: SP Pune University (2020).
16. **"Generalized approach for video segmentation for video analytics focusing on personal videos"**, Research Scholar: Mr. Pratap Sanap, Research guide: Dr. Sheila Apte, Research Center: SP Pune University (2020).
17. **"Secure Data Communication in Internet of Things"**, Research Scholar: Ms. Sneha Deshmukh, Research guide: Dr. Santosh Sonawane, Research Center: SP Pune University (2021)
18. **"Performance optimization of meta search engines for re-ranking of webpages."** Research Scholar: Ms. Lata Sankpal, Research guide: Dr. Suhas H Patil, Research Center: Bharti Vidyapeeth Deemed University, Pune (2021).
19. **"Automatic analysis of Retina Disease in context of Diabetic and Hypertension"**, Research Scholar: Sarika Patil, Research Guide: Dr. B. P. Patil, Research Center: SP Pune University (2021).
20. **"Performance evaluation of large MIMO"**, Research Scholar: Rajashree Patil, Research Guide: Dr. P. Kavipriya, Dr. B. P. Patil, Research Center: Sathyabama University, Chennai. (2021).
21. **"A Development of Adaptive Energy Aware Hybrid Routing Algorithm in MANET"**, Research Scholar: Ms. Manjusha Deshmukh Research guide: Dr. Sangeeta Kakarwal, Research Center: Dr. BA Marathwada University, Aurangabad (2021)
22. **"Implementation of Cloud Cluster Security Policy Using Data crypt Algorithm Based on Ontology"**, Research Scholar: Ms. Smita Chavan, Research guide: Dr. Sharvari Tamane, Research Center: Dr. BA Marathwada University, Aurangabad (2021).
23. **"Decision support system for clinical diagnosis based on emotion detection"**, Research Scholar: Ms. Bhakti Sonawane, Research guide: Dr. Priyanka Sharma, Research Center: Institute of Technology, Nirma University, Ahmedabad (2022).
24. **"Energy Management in Cloud Datacenters Using Evolutionary Computation Techniques"**, Research Scholar: Ms. Archana Kollu, Research guide: Dr. V.Sucharita, Research Center: Koneru Lakshmaiah Education Foundation University Vaddeswaram, AP, India (2022).

25. **"Investigating Efficacies of Mobile Cloud Technologies in Education Sector"**, Research Scholar: Ms. Neeta Sarode, Research guide: Dr. J W Bakal, Research Center: Thadomal Shahani Engineering College, University of Mumbai (2022).
26. **"Improved Pollard RHO Algorithm for Elliptic curve Cryptography"**, Research Scholar: Ms. P. Deepthi, Research guide: Dr. Nagaratana Hegade, Research Center: Department of CSE, University College of Engineering (A), Osmania University Hyderabad, Telangana State (2022).
27. **"Novel Implementation of Resource Allocation Methodology in Cloud Computing Through Workflow Optimized Scheduling and Task Scheduling"**, Research Scholar: Mr. T. Naresh, Research guide: Dr. V. Krishna Reddy and Dr. A. Jayalakshmi, Research Center: Department of CSE, Koneru Lakshmaiah Education Foundation, Vaddeswaram Andhara Pradesh (2022).
28. **"Data Security on Cloud Environments based on Advanced Searchable Encryption Techniques"**, Research Scholar: Mr. Amit Kumar Jha, Research guide: Dr. Megha Kamble, Research Center: Department of CSE, LNCT University, Kolar Rd, Sarvadharam C Sector, Shirdipuram, Sarvadharam, Bhopal, Madhya Pradesh 462042 (2022).
29. **"Optimized routing strategy using predictive approach of link reliability for delay-constraint FANET"**, Research Scholar: Mr. Vinay Yadav, Research guide: Dr. Anoop Kumar Chaturvedi, Research Center: Department of CSE, LNCT University, Kolar Rd, Sarvadharam C Sector, Shirdipuram, Sarvadharam, Bhopal, Madhya Pradesh 462042 (2022).
30. **"Data compression - Client server model - Networks"**, Research Scholar: Mr. Sushil Kumar, Research guide: Dr. Megha Kamble, Research Center: Department of CSE, LNCT University, Kolar Rd, Sarvadharam C Sector, Shirdipuram, Sarvadharam, Bhopal, Madhya Pradesh 462042 (2022).
31. **"Design and Implementation of Ownership Transfer and Access Control Mechanism Using Intelligent Blockchain Sharding"**, Research Scholar: Pampattiwar Kalyani, Research guide: Dr. Pallavi Chavan, Research Center: D.Y. Patil Deemed to be University, Navi Mumbai (2023).
32. **"IMPLEMENTATION OF AGGRESSIVE RHABDOMYOSARCOMA CANCER PREDICTION AND IDENTIFICATION MODEL USING CNN BASED MACHINE LEARNING TECHNIQUES"**, Research Scholar: Mr. PRAVIN NARAYAN KATHAVATE, Research guide: Dr. RAJA SEKHAR KROVI, Research Center: Department of CSE, KLEF University, Vijaywada (2023)
33. **POWER AND ENERGY - AWARE SECURE ROUTING IN WIRELESS SENSOR NETWORKS"**, Research Scholar: J, Suman, Research Guide: K. Shyamala, Research Center: DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING UNIVERSITY COLLEGE OF ENGINEERING OSMANIA UNIVERSITY, HYDERABAD - 500 007 TELANGANA (2023).
34. **"Algorithm for embedded media data analytic and feature based Personification using machine learning"**, Research Scholar: Mrs. Prema P. Gawade, Research guide: Dr. Sarang Joshi, Research Center: SP Pune University (2023).
35. **"Design And Implementation Of Ownership Transfer And Access Control Mechanism Using Intelligent Block chain Sharding"**, Research Scholar: Kalyani Pampattiwar, Research Guide: Dr. Pallavi Chavan, Research Center: Dr. D Y Patil Deemed to be University, Navi Mumbai (2023)
36. **Chest CT Scan Medical Image Super Resolution and Classification using Deep Learning"**, Research Scholar: Ms. Rajeshwari, Research Guide: K. Shyamala, Research Center: Department of Computer Science & Engineering, University College of Engineering, Osmania University, Hyderabad-500007, Telangana (2024).
37. **"FACT INFERENCE FROM KNOWLEDGE GRAPH USING REPRESENTATION LEARNING"**, Research Scholar: Mr. Khobragade Anish Rajkumar, Research guide: Dr. S U Ghumbre, Research Center: COEP, SP Pune University (2024).

38. **"Video Analytics for monitoring of activities of elderly people to detect Neurodegenerative Disease Parkinson"**, Research Scholar: Mr. Jignesh Sisodiya, Research guide: Dr. Dhananjay Kalbande, Research Center: SPIT, Andheri, Mumbai University (2024).
39. **"Experimental Analysis and Mathematical Modeling in Optimizing the Efficiency of Existing solar Panels"**, Research Scholar: Ms. Marathe Snehal Anil, Research guide: Dr. B P Patil, Research Center: STES Sinhgad College of Engineering, SP Pune University (2024).
40. **"Congestion Control in Dynamic Wireless Sensor Network using Computational Intelligence"**, Research Scholar: Ms. Nikam Savita, Research guide: Dr. Jadhav Sangeeta, Research Center: Dr. D.Y. Patil Unitech Society, Pune (2024).

INTELACTUAL PROPERTY RIGHTS (IPRs):

1. **Patent Granted: Patent No. 405296 Title: Managing Grain Storage, Dr. Sanjeev Wagh & Dr. Manisha Bhende** (Application No.1980/MUM/2014 A)
2. Patent File No. 202111019244: Sagar Rane & Sanjeev Wagh & Aarti Dixit, Title: *System for secure logging for cloud forensics using Blockchain.*
3. Patent File No. 202221045781: Swapnil Pokharkat, Sanjeev Wagh & Sachin Deshmukh, Title: *Network Bandwidth Prediction Model using LSTM & Machine Learning.*
4. Copyright Registration No. L-58585/2014: Manisha Bhende & Dr. Sanjeev J Wagh: *"Efficient use of Wireless Sensor Network for Monitoring Environmental Parameter in Precision Agriculture"*
5. Copyright Registration No. L-58586/2014: Manisha Bhende & Dr. Sanjeev J Wagh: *"Image Modulator for Printing Document Security"*

PATENT LICENCS AGREEMENT:

Patent Application No. 1980/MUM/2014 – Managing Grain Storage
Firm: Constellation Software & Consulting Pvt. Ltd.

TECHNOLOGY TRANSFER:

Prototype Development for Monitoring Environmental Parameter in Precision Agriculture at DHARME AROMATIC & MEDICINAL ESTATE, at post Bordi, Tal. Akot, Dist Akola (MS)

FUNDINGS:

1. AICTE: MODROB Modernizations of Network Laboratory (2019-21): Proposal Cost: 9.6 lakhs. (Special scheme for Rural-MODROB)
2. AICTE: MODROB Modernizations of Network Laboratory (2016-17): Proposal Cost: 16.70 lakhs.
3. AICTE: FDP International Seminar (2016-17) Proposal Cost: 3.00 Lakhs.
4. Principal Investigator: Research Project on Distributed Image processing. Grant received of Rs. 1, 00,000 form University of Pune (2006-2008).

PUBLICATIONS: INTERNATIONAL JOURNALS:

1. Sagar Rane, Garima Devi, Sanjeev Wagh, "Cyber Threats: A Fear over Industries", Book Chapter: Cyber Security Threats and Challenges Facing Human Life, 2022 Forthcoming by Chapman and Hall/CRC ISBN 9781032111285
2. Sagar Rane, Sanjeev Wagh, Arti Dixit, "Blockchain Driven Secure and Efficient Logging for Cloud Forensics", IJCDS 2021, International Journal of Computing and Digital Systems ISSN (2210-142X)
3. Sagar Rane , Sanjeev Wagh , Arati Dixit, "Facilitating Secure and Efficient Health Information Exchange using Blockchain", Journal of Solid State Technology (Scopus Indexed) Volume 63 No. 2 (2020), PP 969-991 ISSN:0038-111X
4. Kashinath Chaudhary, Sanjeev wagh, "COVID-19: Recent Prediction Modeling techniques using Machine Learning - A Survey", Journal of Solid State Technology (Scopus Indexed) Volume 63 No. 2 (2020), PP 863-876 ISSN:0038-111X
5. Sagar Rane, Sanjeev Wagh, Arati Dixit, "Securing Trustworthy Evidences for Robust Forensic Cloud in Spite of Multi-stakeholder Collusion Problem", International Conference on Hybrid Intelligent Systems HIS 2019: Hybrid Intelligent Systems pp 376-386 | Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 1179)
6. Sagar Rane , Sanjeev Wagh, Arati Dixit, "Facilitating Secure and Efficient Health Information Exchange using Blockchain", International Journal of Advanced Science and Technology Vol. 29, No. 6, (2020), pp. 2019-2025 1 ISSN: 2005-4238 IJAST Copyright © 2020 SERSC
7. Sanjeev Wagh, Chaitanya Wagh, Parikshit Mahalle, "Epidemic Computational Model using Machine Learning for COVID-19 " International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 1296–1303 , ISSN: 2233-7857 IJFGCN Copyright ©2020 SERSC 1287
8. Dr. S. J. Wagh, Kasturi Kulkarni, "Data Analytics Tools - A survey", International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 1809–1823 ISSN: 2233-7857 IJFGCN Copyright ©2020 SERSC 1809
9. Swapnil R Pokharkar, Sanjeev Wagh, Sachin Deshmulh, "Bandwidth Comparison Model for Future Internet Using Machine Learning", International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 1249–1257, ISSN: 2233-7857 IJFGCN Copyright ©2020 SERSC 1287
10. Abha Parihar, Suraj Bhosle, Shubham Patil, Shreya Kapgate, Sanjeev Wagh, "Type 2 Diabetes Prediction Using Lightgbm", International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 1365–1373, ISSN: 2233-7857 IJFGCN Copyright ©2020 SERSC 1287
11. Prajakta Patil, Sukanya More, Atharv Deshpande, Harshal Todkar, Sanjeev Wagh, "Water Quality Monitoring for Disease Prediction using Machine Learning", International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 1240–1248, ISSN: 2233-7857 IJFGCN Copyright ©2020 SERSC 1287
12. Sandesh S. Mahamure , Sanjeev J. Wagh, "Blockchain Technology for Real Estate Documents Protection Using Ethereum", International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 1287–1295 ISSN: 2233-7857 IJFGCN Copyright ©2020 SERSC 1287

13. Chaitanya Wagh, Parikshit Mahalle, , Sanjeev Wagh, "Epidemic Peak for COVID-19 in India 2020", {Preprint ARTICLE | doi:10.20944/preprints202005.0176.v1 } Journal of Solid State Technology (Scopus Indexed) Volume 63 No. 2 (2020), PP 891-898 ISSN:0038-111X
14. Utkarsha Patil, Vaibhav Patil, Shubham Tavate, Apurva Gat, Sanjeev Wagh, "Integrated Agriculture System Using IoT", International Journal of Science and Research (IJSR) ISSN: 2319-7064 ResearchGate Impact Factor (2018): 0.28 | SJIF (2019): 7.426, Volume 8 Issue 4, April 2019
15. Ajay Doltade, Ankita Kadam, Sayali Honmore, Sanjeev Wagh, "Intelligent Grain Storage Management System based on IoT", International Journal of Science and Research (IJSR) ISSN: 2319-7064 Impact Factor (2018): 7.426, Volume 8 Issue 3, March 2019
16. Ankita Taware, Vrunda Ghate, Minal Gaingade, Mayuri Bhandvalkar, Sanjeev Wagh, "Water Quality Monitoring System using IoT", , International Journal of Advanced Research and Publications ISSN: 2456-9992 Volume 1 Issue 1, July 2017
17. Pramod D Ganjewar, S. Barani, Sanjeev Wagh, "HFBLMS : Hierarchical Fractional Bidirectional Least-Mean-Square Prediction method for data reduction in wireless sensor network", International Journal of Modeling, Simulation and Scientific Computing Vol. 09, PP. 24, Issue - 2 Year - 2018 (Open Access Journal, Web of Science indexed]
18. Pramod D. Ganjewar, Barani S., Sanjeev J. Wagh, "A Hierarchical Fractional LMS Prediction method for data reduction in wireless sensor network", Ad Hoc Networks [WoS indexed Journal] Elsevier BV, Netherland (2018)
19. Deepak C Mehetre, S.Emalda Roslin, Sanjeev J Wagh" Detection and Prevention of Black Hole and Selective Forwarding Attack in clustered WSN with Active Trust", Cluster Computing (The Journal of Networks, Software Tools and Applications), ISSN: 1386-7857 (Print) 1573-7543), Impact factor 2.046, SNIP Rating 1.5, SJR 0.5, h5 index 26, Springer. (Open Access Journal, Web of Science indexed) 2018
20. Pramod D. Ganjewar, Barani S., Sanjeev J. Wagh, "Survey on Data Reduction Techniques for Energy Conservation for prolonging Life of Wireless Sensor Network", CiiT International Journal of Wireless Communication Vol. 10, Issue - 2, PP : 17 - 25, Year - 2018 (Open access Journal)
21. Swapnil R Pokharkar, Sanjeev Wagh, Sachin Deshmulh, "Comparison of Statistical Prediction Models For Spectrum Utilization", IRACST - International Journal of Computer Networks and Wireless Communications (IJCNCWC), ISSN: 2250-3501, Vol.7, No 5, Sep-Oct 2017
22. Deepak C Mehetre, S. Emalda Roslin , S J Wagh, "Remote Street Light and Wireless Sensor Network through Sleep Scheduling " International Journal of Communication Networks and Information Security (IJCNIS) ISSN: 2076-0930 (Print) ISSN: 2073-607X (Online), SJR 0.38, and SNIP 1.37, h index 13, Editing , Publisher Institute of Information Technology, Kohat University of Science and Technology (Scopus Indexed)
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42. Deepak C Mehetre and Dr.S. J Wagh "Edge Coloring Scheduling Algorithm for Wireless Sensor Network using TDMA based Mac Protocol" Multidisciplinary Journal of Research in Engineering and Technology, Volume 1, Issue 1 (April 2014) Pg.33-39, ISSN : 23486953.
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1. Swapnil R. Pokharkar, Sanjeev J. Wagh, Sachin N. Deshmukh, "Machine Learning Based Predictive Mechanism for Internet Bandwidth", Proceeding IEEE International conference for convergence in Technology, I2CT-2021, 2-4 April 2021.
2. Sagar Rane, Sanjeev Wagh, Arti Dixit, "Design of a Forensic Enabled Secure Cloud Logging", ICDCN 2020: 21st International Conference on Distributed Computing and Networking, Jan 2020.
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3. Sanjesh Pawale, Sanjeev Wagh, Ranjana Jadhav, " An efficient congestion control methodology to enhance performance of TCP in wired network, Fourth International Conference on Image Information Processing (ICIIP) December 2017
4. Varsha Sid, Deepak Mehetre, S. Emalada Roslin, Sanjeev Wagh, "Efficient Routing in Wireless Sensor Network using Data Collection Node, International Conference on Computing, Communication, Control and Automation (ICCUBEA) 2017.
5. Deepak C Mehetre, S. Emalda Roslin , S J Wagh," Data Collection Schemes with Efficient Routing In Wireless Sensor Network", 4th IEEE International Conference on Computing, Communication, Control And Automation 16th - 18th Aug 2017,Pune India.
6. Pramod D. Ganjewar, Barani S., Sanjeev J. Wagh, "Energy Efficient Deflate (EEDeflate) Compression For Energy Conservation in Wireless Sensor Network", Intelligent Systems

7. Soumitra Das, Barani S., Sanjeev Wagh and S.S.Sonavane, "*Energy Aware Routing Based on Multi-sensor Data Fusion for Wireless Sensor Networks*", SmartCom 2016, CCIS 628, pp. 495–502, 2016. Springer Nature Singapore Pte Ltd. 2016, DOI: 10.1007/978-981-10-3433-6_59.
8. Soumitra Das, Barani S., Sanjeev Wagh and S.S .Sonavane, "*Energy Efficient an Trustable Routing Protocol for wireless sensor networks based on genetic algorithm (E2TRP)*", 2016 IEEE International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT), 978-1-5090-2080-5/16.
9. Priyanka Kamthe, Sanjeev Wagh, “ Tree based aggregation for preventing compromised node's intention in WSN” International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT) 2016
10. Priyanka Chauhan, Sanjeev Wagh “Multilevel image segmentation using hybrid Darwinian swarm Optimization”, 3rd International Conference on Signal Processing and Integrated Networks (SPIN) February 2016
11. Pramod D. Ganjewar, Sanjeev Wagh and Barani S., "*Threshold Based Data Reduction Technique (TBDRT) For Minimization of Energy Consumption in WSN*", Pg. No. 619 – 623, IEEE International Conference on Energy Systems and Applications (ICESA-2015) **ISBN Proceeding: 978-1-4673-6817-9/15.**
12. Pramod D. Ganjewar, Barani S., Sanjeev J. Wagh, "*Data Reduction using Incremental Naïve Bayes Prediction (INBP) in WSN*", IEEE International Conference on Information Processing (ICIP) 2015 **ISBN Proceeding : 978-1-4673-7758-4/15.**
13. Deepak C Mehetre and Dr. S.J Wagh "*Energy Efficient Disjoint Path Routing Using Genetic Algorithm for Wireless Sensor Network*" 2015 International Conference on Computing Communication Control and Automation" at Pune, 978-1-4799-6892-3/15 \$31.00 © 2015 IEEE DOI 10.1109/ICCUBEA.2015.40
14. Deepak C Mehetre , Dr.S.Emalda Rosilin and Dr. S. J Wagh" *Co-operative Wake –Up Scheduling for Energy Efficiency in Wireless Sensor Network*" International conference on Communication Networks and Signal Processing ICCNSP-2015,Bangalore, India dec 3rd – 5th 2015 ,Proceeding in Mc Graw Hill Education, ISBN-13:978-93-85880-73-5. (*Best Paper Award*)
15. Vishakha Deshmukh, Sanjeev Wagh, “A proposed architectural model for vital sign monitoring system”, International Conference on Communications and Signal Processing (ICCSP) April 2015
16. Madhavi Vharkute, Sanjeev Wagh, “ An architectural approach of internet of things in E-Learning 2015 International Conference on Communications and Signal Processing (ICCSP) April 2015
17. Suhas Patil, Deepali B. Gothawal, Sanjeev Wagh, A cross-layer topology control with clustering and routing for energy efficient wireless sensor networks”, International Conference on Green Computing Communication and Electrical Engineering (ICGCCEE) , (2014) INSPEC Accession Number: 14665936 DOI: 10.1109/ICGCCEE.2014.6922454

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21. Manisha Bhende, Sanjeev Wagh, "Lifetime Maximization in Heterogeneous Wireless Sensor Network Based on Metaheuristic Approach", **Springer International Conference, FICTA-2014**, Springer International Publishing.
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23. Manisha Bhende, Sanjeev Wagh, "IPoly: Improved Reliable and Energy Efficient Topology Control Protocol for Wireless Sensor Network", **c-PGCON-2014, University of Pune**, 28-29 Mar. 2014.
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25. Sanjeev Wagh & Ramjee Prasad, "Density Based Power backup Clustering Algorithm for Maximizing Lifetime of Wireless Sensor Networks", **Wireless VITAE 14, Global Wireless Summit**, May 2014, Aalborg, Denmark.
26. Sanjeev Wagh & Ramjee Prasad, "Internet of Things: An Architectural Approach for Teaching Learning Process in Educational System", **Elsevier International Conference Recent Trends in Engineering & Technology**, ICRTET 2014, March 28-30 2014, Nashik. India
27. Sanjeev Wagh & Ramjee Prasad, "Maximizing Lifetime of Wireless Sensor Networks using Genetic Approach", 4th IEEE **International Advance Computing Conference, IACC14**, 21 & 22 Feb 2014, GTU, Haryana India.
28. R. M. Goudar, Sanjeev Wagh, Mahesh Goudar, "Secure data transmission using steganography based data hiding in TCP/IP", Proceedings of the ICWET '11 International Conference & Workshop on Emerging Trends in Technology, Mumbai, Maharashtra, India, February 25 - 26, 2011
29. D. P. Gaikwad, Sanjeev Wagh, "Genetic algorithm based filter and ANN based classifier for face recognition", Proceedings of the ICWET '10 International Conference & Workshop on Emerging Trends in Technology, Mumbai, Maharashtra, India, February 26 - 27, 2010
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35. S. J. Wagh & Dr. T. R. Sontakke, "GFPC: A Generic Framework for Packet Classification", Presented at **IEEE International Conference on Advances in Computer Vision and Information Technology ACVIT - 07**, Dr. Babasaheb Ambedkar Marathwada University Aurangabad (MS) India. 28-30 November. 2007
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38. S. J. Wagh & Dr. T. R. Sontakke, "MRIP: A Heuristic Approach for Packet classification using Multistage Refinement on IP Packet Header", Presented at **IEEE International Conference on Networking Proceeding ICN'06**, on 23rd - 28th April 2006, Mauritius.
39. S. J. Wagh & Dr. T. R. Sontakke, "Scalable Packet Classifications" Presented at **IEEE Asia Pacific Conference on Distributed & Parallel Computing Proceeding ObCoM-2004**, Pages 265-278, on 13th - 15th Dec. 2004, at Vellore Institute of Technology, Vellore, Tamil Nadu, India. (Awarded as Best Paper)

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1. Asmita Patil, Sanjeev Wagh & Pranali Sheth, "Prediction of Waterborne Diseases Using Machine Learning Tools-A Survey", Proceedings of National Conference on Advances in Science, Engineering & Technology for Sustainable Development, May 20-21, 2022, Government College of Engineering Karad.
2. Gaurav Pagare, Anushka Visapure, Sanjeev Wagh, Pranali Sheth, "Machine Learning-Based Earthquake Detection and P-wave Arrival Time Picking", Proceedings of National Conference on Advances in Science, Engineering & Technology for Sustainable Development, May 20-21, 2022, Government College of Engineering Karad.

3. Rutuja Kadam, Avishkar Ghadge, Sanjeev Wagh, Pranali Sheth, "Predicting Occurrences of Mineral Deposits With Advanced Machine Learning & Deep Learning Technologies : A Survey", Proceedings of National Conference on Advances in Science, Engineering & Technology for Sustainable Development, May 20-21, 2022, Government College of Engineering Karad.
4. Akshata Varude, Sanjeev Wagh, Niranjana Deokule, "Stock Price Prediction using Machine Learning", Proceedings of National Conference on Advances in Science, Engineering & Technology for Sustainable Development, May 20-21, 2022, Government College of Engineering Karad.
5. Kaushik Joshi, Sanjeev Wagh, Pranali Sheth, "Survey on Applications of Geo Tagging", Proceedings of National Conference on Advances in Science, Engineering & Technology for Sustainable Development, May 20-21, 2022, Government College of Engineering Karad.
6. Abhiram Deshpande, Aman Nadaf, Sanjeev Wagh, Pranali Sheth, "A Survey on Earthquake Analysis by Classification of HyperSpectral Images with Convolutional Neural Network", Proceedings of National Conference on Advances in Science, Engineering & Technology for Sustainable Development, May 20-21, 2022, Government College of Engineering Karad.
7. Priyanka Gavali, Sanjeev Wagh, Niranjana Deokule, "Developing a Diabetes Disease Prediction Machine Learning Model Using Hyperparameter Tuning Technique", Proceedings of National Conference on Advances in Science, Engineering & Technology for Sustainable Development, May 20-21, 2022, Government College of Engineering Karad.
8. Pranav Shete, Utkarsh Bagal, Sagar Gavhane, Sanjeev Wagh, Niranjana Deokule, "Developing a Diabetes Disease Prediction Machine Learning Model Using Hyperparameter Tuning Technique", Proceedings of National Conference on Advances in Science, Engineering & Technology for Sustainable Development, May 20-21, 2022, Government College of Engineering Karad.
9. Deepak C Mehete, .Emalda Rosilin and S. J. Wagh, " Delay Minimization and load balancing in wireless sensor network using location based cluster (LBC) joining method ", National Conference on Advances in Computational Science, 18 Feb 2017, Karpagam University, Coimbatore , Tamil Nadu, India, Sponsored by CSI. PP 1-10.
10. Y.D. Chavahan, S. J. Wagh & R. B. Kulkarni, "Online voting system using Biometric Fingerprint" published in **Proc. National Conference on Recent Trends in Information Technology**, Pages 21, Oct. 2016 at Govt. College of Engineering, Karad. (MS).
11. Deepak C Mehete and Dr. S. J. Wagh "Use of Aggregation scheduling Algorithm in Wireless Sensor Network", IEEE National Conference on, Modeling, Optimization and Control, 4th -6th March 2015, NCMOC -2015" Pune.
12. **Deepak C Mehete** ,Dr.S.Emalda Rosilin and Dr. S. J Wagh " Co-operative Wake -Up Scheduling for Energy Efficiency in Wireless Sensor Network" International conference on Communication Networks and Signal Processing ICCNSP-2015,Bangalore, India dec 3rd - 5th 2015 ,Proceeding in Mc Graw Hill Education, ISBN-13 978-93- 85880-73- 5, PP 1-11, Received Best Paper Award.

13. S. J. Wagh, Y. D. Chavahan & K.N. Tayade, "Enhancing Teaching Learning Process using Internet of Things" published in **Proceeding, National Conference on Recent Trends in Information Technology**, Pages 19, Oct. 2016 at Govt. College of Engineering, Karad. (MS)
14. Pramod Ganjewar, Sanjeev J Wagh, "Behavioral Structures Used For Association Rule Mining Algorithms in WSN : A Survey", National Conference on Modeling, Optimization and Control (NCMOC-2015), Vishwakarma Institute of Technology, Pune, Maharashtra, India, 4-5th March 2015, ISBN : 978-93-83572-72-4.
15. S. J. Wagh & S A Jain, "Technical issues in Ethical Hacking", **ISTE Annual Convention- Feb 2007**, Bannari Amman Institute of Technology, Satysainagar (TN).
16. S J Wagh, P M Yawalkar, D B Kshirsagar, "Design of ANTI-SPAM Laws: A Case Study" **National conference on Networking**, at Dept of Computer Science, Bhartiya Vidya Peeth Sangli (MS) India Feb-2005
17. S J Wagh, P M Yawalkar, D B Kshirsagar, "Policy Framework for Cyber Securities", **National conference on Networking**, at Dept of Computer Science, Bhartiya Vidya Peeth Sangli (MS) India Feb-2005.
18. S. J. Wagh & Dr. T. R. Sontakke, "Routing Table Compaction in Ternary CAM" **Proc. Recent Trends in Distributed Systems and Networking, National Conference 2004-05**, 9th & 10th Sept. 2004, at Erode Senguthar Engineering College, Thudupathi, Erode, TN, India.
19. S. J. Wagh, P. M. Yawalkar & S. R. Patil, "Hierarchical Intelligent Cuttings: A Packet Classification Technique A survey" **Proc. National Conference on Signal Processing, Intelligent Systems and Networking - SPIN 2003**, Dec 4-5, 2003, Bangalore, India.
20. S. J. Wagh, P. M. Yawalkar & D. B. Kshirasagar, "Packet Classification Techniques", **Proc. National Conference on Latest Trends in Information Technology**, at North Maharashtra University, Jalgaon, (MS) India Oct-2002.
21. S. J. Wagh, P. M. Yawalkar & D. B. Kshirasagar, "Taxonomical Survey of IP Address Lookup Algorithms", **Proc. National Conference on Latest Trends in Information Technology**, at North Maharashtra University, Jalgaon, (MS) India, Oct 2002.
22. S. J. Wagh, P. M. Yawalkar & D. B. Kshirasagar, "DNA Computing", **Proc. National Conference on Latest Trends in Information Technology**, at North Maharashtra University, Jalgaon, (MS) India Oct-2002.
23. S. J. Wagh, P. M. Yawalkar & D. B. Kshirasagar, "Biotech Computers", **Proc. National Conference on Latest Trends in Information Technology**, at North Maharashtra University, Jalgaon, (MS) India Oct-2002.

PUBPUBLICATIONS SUMMARY:

International Journal	International Conference	National Conference/Journal	Books	Total
49	39	23	05	116

BOOKS PUBLICATION:

INVITED TALK / GUEST SPEAKER:

1. **Network Administration in Intranet & Internet**, SES College of Engineering, Kopergaon, July 2005.
2. **Research Scope in Packet Classification**, at MIT Academy of Engineering, Alandi. April 2008.

Sr. No.	Book Title	Authorized / Editor International / National Publisher	Publisher & ISBN No.
01	Fundamentals of Data Science	International (Authorized)	Taylor & Francis Group, CRC Press London, UK, ISBN: 9781138336186
02	Energy Optimization Design For Sensor Networks in IoT Domains	International (Authorized)	Taylor & Francis Group, CRC Press London, UK, ISBN. 9781032305592
03	Applied Machine Learning for Smart Data Analysis.	International (Edited)	Taylor & Francis Group, CRC Press London, UK, ISBN: 9781138339798
04	Handbook of Research on Applied Intelligence for Health and Clinical Informatics.	International (Edited)	IGI Global Publisher, Pennsylvania, USA. , ISBN: 9781799877097
05	Object detection by Stereo Vision Image	International (Edited)	Scrivener Publishing, Wiley Beverly, MA, USA, ISBN-13. 978-1119842194

3. **Research Methodologies** in Computer Network, at D.Y Patil College of Engineering, Pune. Nov 08
4. **Internet Technology: Past, Present & Future**, VTU Belgum, July 2009
5. **Basics of Networking**, STES Sinhgad College of Engineering, Lonawala., 07th Feb 2010.
6. **Networking Technologies**, SVCER College of Engineering, Pandharpur, 12th Sept, 2010.
7. **Recent trends in Networking**, AISSMA IOIT Pune, 7th Feb 2011.
8. **Packet Classification Algorithms; Research scopes, Challenges & Approaches**, Keynote Speaker, Second International Conference on Computational Intelligence Application, Feb 2011 Nasik, (MS).
9. **Mathematical Foundation in Computer Networking**, Special Session, STTP on Mathematics for Researchers, SITs SKN College of Engineering, Pune, Oct 2011
10. **Internet of Things: Future Internet Ahead**, FDP VPCOE Baramati 2012.
11. **Internet of Things: An Agricultural perspective**, TCOER, Pune, 2013.
12. **Internet of Things: Teaching Learning Process approach**, DYPSOE, Lohgaon Pune 2014.
13. **Technical contents writing**, FDP VPCOE Baramati 2015.
14. **Research Scopes in Computer Engineering**, Trinity COER, Pune, 2015.
15. **Internet of Things: Future Internet Ahead**, DHCOE, Karad Nov. 2016.
16. **Internet of Things: Application Development for Society**, Govt. College of Engg, Karad Dec. 2016
17. **Industrial Internet of Things**, KBP College of Engineering, Satara Dec 2016.
18. **ICT in Medicine**, Krishna Institute of Medical Science, Karad, Sept. 2017
19. **Internet of Things: Future Internet Ahead**, ADCET, Ashta, Sangli Nov. 2017
20. **Internet of Medical Things: IoT in Healthcare system**, Krishna Institute of Medical Science, Karad, Oct. 2018.
21. **Internet of Things: Research scopes and Challenges**, ADCET, Ashta, Sangli Nov. 2018
22. **Internet of Medical Things: ICT in medicine**, Krishna Institute of Medical Science, Karad, Apr. 2019.
23. **Data Science Process**, Faculty Development Program at IT Department, Govt College of Engineering, Karad, Nov 2019

24. **Application scopes in Data Science**, Faculty Development Program at IT Department, Govt College of Engineering, Karad, Nov 2019
25. **Cyber Security and preventive measures**, Faculty Development Program for supporting staff at IT Department, Govt. College of Engineering, Karad, Nov 2019
26. **How to select challenging projects at PG dissertation** for PG graduates at Govt. College of Engineering, Karad, Nov 2019
27. **Scientific writing an art** for UG graduates at Govt. College of Engineering, Karad, Nov 2019
28. AICTE - ISTE approved One Week Short Term Training Program (STTP) in association with RAIT-ACM on “**Blockchain and its Application**” from 9th – 14th December 2019
29. **Schematic Process for Paper Writing** at Bhagubai Mafatlal Polytechnic, Mumbai, May 2020
30. Projects in **Machine Learning and career scopes** at 15 days National level Seminar series on Projects idea to Implementations at Shahu College of Engineering, Pune June 2020
31. **National Education Policy 2020: Transformative Reforms in Education & Challenges**, Ramrao Adik Institute of Technology, Nerul, Mumbai (2021)
32. **Autonomous Vehicles: Cyber Threats & Solutions**, Rajarambapu Institute of Technology, Sakharale. Dist Sangli (2021)
33. **National Education Policy 2020: Transformative Reforms in Education & Challenges**, Rajarambapu Institute of Technology, Sakharale. Dist Sangli (2021)

INTERNATIONAL EVENTS ORGANIZED (Program Chair):

- **International Meeting on Global Indian Standardization Forum India** at KJ College of Engineering, Pune 12-15 April 2013 (23 International Guest Speakers from 10 different countries)
- **International Meeting on Wireless World Research Forum** at KJ College of Engineering, Pune 12-15 April 2013. (23 International Guest Speakers from 10 different countries)
- **International Conference on Advanced Communication and Networking** at KJ College of Engineering, Pune 12-15 April 2013. (15 International Guest speakers from 07 different countries)
- **International Seminar on Intelligent Computing**, at Govt College of Engineering, Karad, Feb 2018, Funded by AICTE Rs 3,00,000/- (4 International Guest Speakers from 2 countries)
- **International Conference on Machine Intelligence and Smart Computing** , at Govt College of Engineering, Karad, May 2020, Funded by AICTE Rs. 5,00,000/- (4 International Guest Speakers from 2 countries)

AICTE / UNIVERSITY Funded Projects completed

1. **AICTE-MODROBS Project: Modernization of Computer Network Laboratory** 2017-2019
2. **AICTE-MODROBS Project: Modernization of AI & Machine Learning Laboratory** 2019-2020
3. **BCUD Research Grant: Project on Distributed Image processing**, University of Pune (2006-2008).

UNIVERSITY RELATED ACADEMIC ACTIVITIES:

1. **Chairman, Board of Studies (Information Technology) at Govt. College of Engineering, Karad** (*An Autonomous Institute of Govt. of Maharashtra*) Since 2016.
2. **Member, Board of Studies (Computer Engineering), Savitribai Phule Pune University.**
Past appointments by Pune University 2010 to 2015.
3. **Member, Board of Studies (Information Technology), Govt. College of Engineering, Aurangabad**

Dr. B A M U University, Aurangabad. (An Autonomous Institute of Govt. of Maharashtra)

4. **Member, Board of Studies** (School of Computer Engineering & IT), MIT Academy of Engineering, Pune (Autonomous) **Savitribai Phule Pune University.**
5. **Member, Board of Studies** (Computer Engineering & IT), ADCT College of Engineering, Ashta (Autonomous), **Shivaji University, Kolhapur.**
6. **Member, Board of Studies** (CSE-Data Science), Dr. DYP College of Engineering, Kolhapur, **Shivaji University, Kolhapur.**
7. **Member, Board of Studies** (CSE), Walchand College of Engineering, Sangli (Autonomous), **Shivaji University, Kolhapur.**
8. **Member, Board of Studies** (CS & IT), Rajarambapu Institute of Technology, Sakharale (Autonomous), **Shivaji University, Kolhapur.**
9. **Member, Board of Studies** (CSE), Vidyalankar Institute of Technology (Autonomous) **Mumbai University, Mumbai.**
10. **Member, Board of Studies** (B.Voc IoT), Pimpri Chinchwad College of Engineering, Pune (Autonomous) **S P Pune University, Pune.**

Contribution for Academic council, Board of Studies outside Institute / University:

1. **Academic council member** Walchand college of Engineering, Sangli, (Shivaji University, Kolhapur)
2. **Syllabus discussion of B.Tech/M.Tech** in CSE/IT/Data Science/Machine Learning specializations, **PhD (CSE/IT)** courses at various autonomous institute as per above stated Since 2016
3. **Member, Local Inquiry Committee (LIC)** appointed by University of Pune, Shivaji University
4. **Member, University Selection Committee** appointed by University of Pune, Shivaji University
5. **Subject Chairman** SE,BE & ME for Theory & Term Works/Oral Exams
6. **Paper setter** for various Theory subject at SE, TE, BE & ME Exams, PhD Entrance
7. **Examiners** for Practical/TW/Oral Exams of SE, TE, BE & ME Exams, PhD thesis

ACADEMIC CONTRIBUTIONS (SYLLABUS MEETINGS):

- ❖ BE (Computer Engineering) at PICT, Pune Feb-2001.
- ❖ SE (Computer Engineering) at DYPCoE, Pune, March 2004
- ❖ BE (Computer Engineering) at SRES' CoE, Kopargaon. Sept. 2005
- ❖ SE (Computer Engineering) at SIT CoE, Pune, 7th August 2006
- ❖ BE (Computer Engineering) at RSCOE CoE, Pune, 8th Feb. 2007
- ❖ ME (Computer Engineering) at PICT, Pune April-2008.
- ❖ TE/BE (Computer Engineering) at PICT, Pune Nov-2009.
- ❖ ME (Computer & Network Engineering) at SKNCOE, Pune April 2013
- ❖ ME (Computer & Network Engineering) at PICT, Pune April 2014
- ❖ ME (Computer & Network Engineering) at KJCOEMR, Pune April 2015
- ❖ ME (Computer Network Engineering) at PCCOE, Pune April 2016.
- ❖ BTech & MTech IT/CSE at Govt College of Engineering Karad May 2017, 2018, 2019, 2020, 2021
- ❖ BTech & MTech IT/CSE at ADCT College of Engineering Ashta, Sangli 2018
- ❖ BTech & MTech IT/CSE at MIT Academy of Engineering Pune 2019, 2020, 2021, 2022
- ❖ BTech at GCoE, Aurangabad 2019, 2020, 2021, 2022
- ❖ BTech at DYPCoE, (Data Science) Kolhapur 2022
- ❖ BTech at RIT (CS&IT) Sangli, 2022
- ❖ BTech at PCCOE, (B.Voc-IoT) Pune 2022

- ❖ BTech at VIT (CSE) Mumbai, 2022
- ❖ BTech /MTech (IT/CSE) Karad 2023, 2024

ACADEMIC AUDITOR

1. **Member, Pillai College of Engineering, Mumbai** (Autonomous College Affiliated to University of Mumbai) **External Academic Auditor (2023-24)**
2. **Member, K. J. Somaiya College of Engineering, Mumbai** (Autonomous College Affiliated to University of Mumbai) **External Academic Auditor (2017-18, 2018-19)**
3. **Member, Government College of Engineering, Aurangabad** (Autonomous College Affiliated to Dr. Babasaheb Ambedkar Marathwada University Aurangabad) **Academic Audit (2018-19).**
4. **Member, Government College of Engineering, Jalgaon** (Autonomous College Affiliated to KBC North Maharashtra University Jalgaon) **Academic Audit (2019-20).**
5. **Member, Vishwakarma Institute of Information Technology (VIIT-Pune) Academic Audit (AI & DS Programme) Academic Audit (2021-22).**

INTERNATIONAL RESEARCH CONTRIBUTIONS

TECHNICAL PROGRAM COMMITTEE MEMBER

ICAIME 2025, Changsha, china, ICCEA 2025, Hangzhou China, IEEE GC4T 2025, Pune, AASIP 2024, Kuala Lumpur, Malaysia, IEEE ICBDS 2024, Pune, ICHCI 2024 Nanchang, China, ETMDIT 2024, Pune, ICCEA, Hang Zhou, China HCIIT 2024, ICHCI 2023, Gung Zhou, China Xi'an China, CVIDL&ICCEA 2022, Changchun China, ICBASE 2020, Malaysia, ICBASE2020, Bangkok Thailand, 2020, IC-ICN 2020, Mumbai India 2020, ICAESM-2020, Nagpur India 2020, CISCE2020, Kuala Lumpur, Malaysia 3-5,2020, CISCE2019, Haikou,China,2019, ICACCI 2018, Bangalore India, CISCE2019, Beihai, China, ICCEAE 2018 Jinan, China, ICCNEE 2018, Shenyang, China, ICORIET-2018, Pune India, ICMMCT 2018, Jinan, China, INFSSE 2017, Ottawa, Canada, ICEIE,2017 Weihai, China, HSMET 2017, Zhuhai, China, IEMETC 2017 Taiyuan, China. ICMEE2017, Weihai, China, ICDMAI, Pune India 2017, ISET, Pune India 2016, ICWET 2015Toronto, Canada June 17 - 18, 2015, SoCPaR 2014, Tunis TunisiaICME 2014, Chennai India 2014, MEMTIE 2014, Vancouver, Canada 2014, ICACCI 2013, Mysore India, IMPSMC 2013, Mainland, China, 2013, TAECECE 2014, Taiyuan, China, 2014, NetComCS 2013, Beijing, China 2013 ICARA 2013, ZhengZhou, China 2013 ICMSCM 2013, Xi'an, China. July 27 - 28, 2013, ISCIT 2013, Chengdu china 2013, MEIEI 2013, Chongqing, China, CSETA 2013, Chongqing, China, ICCSEE 2013, 2013Hangzhou, China, CITCS 2012 China, ICEEN 2012 Chengdu, China, ICENC 2012, Kunming, China, ICCDE 2011 Kuala Lumpur, Malaysia, ICMERA 2011 Sydney, Australia, ICMENS 2011 Kuala Lumpur, Malaysia, ICSII 2011 Puerto Rico, USA ICTTA 2011 Sydney, Australia, ICAPM 2011 Chennai, India, ICEIE 2010 Kyoto, Japan, ICSTE 2010 Puerto Rico, USA, ICCMS 2011 Mumbai, India, ICEIE 2010 Kyoto, Japan, ICMEE 2010 Tokyo, Japan DSDE 2010 Bangalore, India, ICSEM 2010 Bangkok, Thailand, ICIII 2010 Bangkok, Thailand. iCCNT 2009 Chennai, India, ICSTE 2009 Chennai, India, ICMEE 2009 Chennai, India AsiaCNS 2008 Langkawi, Malaysia

INTERNATIONAL UNIVERSITY VISITS:

1. Denmark (2013 -2014 Aalborg University, Aalborg & Copenhagen)
2. Sweden (2014 Gothenburg University, Gothenburg)
3. Germany (2014, 2018 Hamburg University, Hamburg)
4. Norway (2014 University of Oslo)
5. France (2013, 2014 University of London Institute in Paris)
6. China (2013 Shanghai Technology Innovation Center Shanghai, delegation visit)

7. Thailand (2009 Kasetsart University, Bangkok)
8. Mauritius (2004 University of Technology, Port Louis)

OTHER COUNTRIES VISITED:

9. United Kingdom (London)
10. Italy (Rome, Venice, Vatican City, Tuscany)
11. Belgium (Brussels)
12. Austria (Innsbruck, Swarovski, Egerkingen)
13. Switzerland (Zurich, Lausanne, Leysin, Arezzo, Glac3000)
14. Liechtenstein (Vaduz)



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