

Name: - Dr. Krishnakant Prabhudas Adhiya

Designation: - Professor

Department:- Computer Engineering

College: - SSBT's College of Engineering and Technology,
Bambhori-Jalgaon.



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Subjects Taught:

- Advanced Unix Programming (TH+PR)
- Operating System (TH+PR)
- Computer organization (TH)
- Microprocessor and Microcontroller (TH+PR)
- Microprocessor -II (TH+PR)
- Advanced Computer Architecture (TH+PR)
- Microprocessor -I (TH+PR)
- Embedded System (TH+PR)
- Distributed Systems
- Parallel Computing
- Computer Peripherals & Interfacing (TH+PR)
- Digital System Design (TH)
- Programming Lab-I (PR)
- Computer Fundamentals (TH+PR)
- Computer Organization and Architecture (TH+PR)
- Database Management Systems (TH+PR)

Degree/ Certificate	Branch/ Specialization	Year of passing	Institute	Board/ University	Percentag e	Division
S.S.C	-	1984	Prabodhan Vidyalaya, Daryapur.	Nagpur Divisional Board, Nagpur	85.71 %	Ist class
H.S.C	-	1986	Prabodhan Vidyalaya, Daryapur.	Nagpur Divisional Board, Nagpur	85.33 %	Ist class
B.E.	Computer Engineering	1990	Govt. College of Engg., Amravati	Amravati University, Amravati	64.22 %	Ist class
M.E.	Computer Science & Engineering	1996	M.N.R.E.C ., Allahabad	Allahabad University, Allahabad	70.70 %	Ist class
Ph.D.	Computer Engineering	2016	NMU, Jalgaon	NMU, Jalgaon	-	-

Publication / Presentation in National/International Journal since date of joining:

Level: International Journal

1. K. P. Adhiya, S. R. Kolhe, Study of User Behavior by Data Preprocessing and Analyzing Web Logs, International Journal of Computer Engineering, ISSN: 0975-6116, Vol.2 No.2, PP 175-182, July-Dec 2010.
2. Nilima P Patil, K P Adhiya and Surendra P Ramteke, Article: A Structured Analytical Approach to Handwritten Marathi vowels Recognition, International Journal of Computer Applications 31(3):48-52, October 2011, pp. 48-52.
3. Sanjay S. Gharde, Pallavi Baviskar, K. P. Adhiya, Evaluation of Classification and Feature Extraction Techniques for Simple Mathematical Equations, International Journal of Applied Information Systems, January 2012, New York, USA, Volume 1-No.5, ISSN No.: 2249-0868.
4. Nitin Jagtap, Sandip S. Patil, K. P. Adhiya, Implementation of Guilt Model with Data Watcher for Data Leakage Detection System, International Journal of Advances in Computational Research, ISSN: 0975-3273 & E-ISSN: 0975-9085, Volume 4, Issue 1, February 2012, pp.-104-107.

5. Sandeep J. Patil, Ashish T. Bhole and K. P. Adhiya, Performance Analysis and Improvement in Packet Loss Measurement Technique using BADABING Approach, International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459), Volume 2, Issue 3, March 2012, 331-337.
6. Sanjay S Gharde, Vidya Nemade and K. P. Adhiya, Evaluation of Feature Extraction and Classification Techniques on Special Symbols, International Journal of Scientific and Engineering Research (IJSER), Volume 3, Issue 4, April 2012, France, ISSN 2229-5518, Impact Factor: 1.4.
7. K. P. Adhiya, Swati A. Patil, Hiding Text in Audio Using LSB Based Steganography, Information and Knowledge Management, Volume- 2, Issue- 3, 2012, ISSN 2224-5758 (Paper) ISSN 2224-896X (Online), pp. 8-14.
8. Sanjay S. Gharde, K. P. Adhiya and Harsha Chavan, Offline Handwritten Signature Verification Approaches: A Review, International Journal of Computer Science and Technology (IJCST), Volume 3, Issue 2, April-June 2012, ISSN 2229-4333, Impact Factor: 0.289.
9. Rahul Neve, K. P. Adhiya, Comparative Study of Web Mining Algorithm for Web Page Prediction in Recommendation System, International Journal of Advanced Research in Computer & Communication Engineering, Volume- 2, Issue- 1, January 2013, ISSN: 2278-1021, pp. 969-976.
10. Sanjay S. Gharde, Pallavi Baviskar, K. P. Adhiya, Identification of Handwritten Simple Mathematical Equation Based on SVM and Projection Histogram, International Journal of Soft Computing & Engineering (IJSCE), Volume 3 Issue 2, May 2013, ISSN: 2231-2307, pp. no. 425-429.
11. Sanjay S. Gharde, Vidya Nemade and K. P. Adhiya, Design & Implementation of Special Symbol Recognition System using SVM, International Journal of Innovative and Technology and Exploring Engineering (IJITEE), Volume-2, Issue-6, May 2013, ISSN: 2278- 3075, pp. no. 145-148.
12. Prachi Chaudhari, K. P. Adhiya, Detecting and Tracking Moving Objects in Video using Background Subtraction and Spatio Temporal Kernel Technique, International Refereed Research Journal -Researchers World Journal of Arts Science & Commerce, volume iv , Issue 3(2) July 2013 ISSN 2231-4172., pp. no. 117-121.

13. Dipak D. Bage, K. P. Adhiya and Sanjay S. Gharde, A New Approach for Recognizing Offline Handwritten Mathematical Symbols using Character Geometry, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume-2, Issue- 7, July 2013, ISSN: 2319-8753, pp. no. 2823-2830.
14. Satish R. Damade, K.P.Adhiya & Ranjana S. Zinjore , Identification of Devanagari Script from Image Document , International Journal of Computer Engg. & Technology (IJCET), Volume 4, Issue 5, September-October (2013), ISSN 0976-6367, pp. 224-231.
15. Patil Mayur J., K.P. Adhiya, A Study of K-Mean, Principle Component Analysis (PCA) & Independent Component Analysis (ICA) Algorithms, International Journal of Computing, Volume 4, Issue 1, Jan 2014.
16. Patil Mayur J., K.P. Adhiya, Real Time Iris Image Segmentation for Non Co-operative Environment, accepted for Publication in International Journal of Computer Applications (IJCA) February 2014 Edition.
17. Utkarsha P. Narkhede , K.P .Adhiya, A Study of Clustering Techniques for Crop Prediction – A Survey, American International Journal of Research in Science ,Technology, Engineering and Mathematics (AIJRSTEM), Issue 5, Volume 1, Dec-2013 to Feb-2014, pp. 44-48, ISSN (Print):2328-3491, ISSN(Online):2328-3580.
18. Pravin Keshav Patil, K.P. Adhiya, Machine Learning Approaches for Automatic Sentiment Analysis of Twitter Messages- A Survey, Cyber Times International Journal of Technology and Management, Volume 7, Issue 2, April 2014- September 2014, pp. 501-505, ISSN:2278-7518.
19. Dinesh L. Talekar, K.P. Adhiya, Credit Card Fraud Detection System: A Survey, International Journal of Modern Engineering Research (IJMER), Volume 4, Issue 9, September 2014, pp. 24-31, ISSN:2249-6645.
20. Utkarsha P. Narkhede, K.P. Adhiya, Evaluation of Modified K-Means Clustering Algorithm in Crop Prediction, International Journal of Advanced Computer Research, Volume 4, Number 3, Issue 16, September 2014, pp. 59-67, ISSN (print):2249-7277, ISSN (online):2277-7970.
21. K.P. Adhiya, S.R. Kolhe, An Efficient and Novel Approach for Web Search Personalization Using Web Usage Mining, Journal of Theoretical and Applied Information Technology (Scopus Indexed), Vol. 73, No 2, 20th March 2015, pp. 312-335, ISSN: 1992-8645, E-ISSN:1817-3195.

22. Dinesh L. Talekar, K.P. Adhiya, Credit Card Fraud Detection Using Hmm and Image Click Point Authentication, International Journal of Advanced Studies in Computer Science and Engineering (IJASCSE), Volume 4, Issue 3, 31 March 2015, pp.1-7, ISSN:2278 7917.
23. Pravin Keshav Patil, K.P. Adhiya, Automatic Sentiment Analysis of Twitter Messages Using Lexicon Based Approach and Naïve Bayes Classifier with Interpretation of Sentiment Variation, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 4, Issue 9, September 2015, pp. 9025-9034, ISSN (online): 2319-8753 ISSN (print):2347-6710, Impact Factor:5.442.
24. K.P. Adhiya, S.R. Kolhe, An Efficient and Novel Approach for Sequential Access Pattern Mining, Journal of Emerging Technologies in Web Intelligence (Scopus and INSPEC Indexed), Vol. 7, No. 1, November 2015, doi:10.12720/jetwi.7.1.5-12, pp.5-12, ISSN 1798-0461(Print) 1799-8859(Online).
25. Mahesh A. Shinde, K.P. Adhiya, Frequent Itemset Mining Algorithms for Big Data Using MapReduce Technique – A Review, International Conference on Global Trends in Engineering, Technology and Management (ICGTETM-2016), Vol- Special Issue, No. 4, January 2016, pp. 473-477, ISSN:2231-5381, Impact Factor:1.795.
26. Rahil Amin Bhurani, K.P. Adhiya, Girish K. Patnaik, A Survey on Enhanced Security through Token's, International Journal of Innovative Research in Computer and Communication Engineering, Vol.4, Issue 12, December 2016, pp.20783-20788, ISSN(Online):2320-9801, ISSN(Print):2320-9798, Impact Factor:6.577.
27. Yogesh Shankar Landge, K.P. Adhiya, Girish K. Patnaik, A Survey on Compressing the Dependent Element of Multiset's Linear Form, International Journal of Innovative Research in Computer and Communication Engineering, Vol.4, Issue 12, December 2016, pp.20750-20755, ISSN(Online):2320-9801, ISSN(Print):2320-9798, Impact Factor:6.577.
28. Shital P. Rajput, K.P. Adhiya, An Enhanced Audio Steganography Technique, International Journal of Advanced Research in Computer Science and Software Engineering, Vol.6, Issue 12, December 2016, pp. 128-132, ISSN:2277-128X, Impact Factor:2.5.
29. Sana M. Deshmukh, K.P. Adhiya, A Review on Finding Users Navigation Behavior Using Web Mining Algorithm, International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Vol.2, Issue 6, November-December 2016, pp. 708-712, Print ISSN:2395-1990, Online ISSN:2394-409.

30. Mahesh A. Shinde, K.P. Adhiya, Existential Probability Weighting Strategy to Reduce Search Space & Time for Big Data Mining, 2017 IEEE 7th International Advance Computing Conference, DOI 10.1109/IACC.2017.27.
31. Sana M. Deshmukh, Krishnakant P. Adhiya, Understanding User's Navigation Behavior Using Web Mining Algorithm, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol. 6, Issue 8, August 2017, DOI 10.17148/IJARCCE.2017.6837, pp. 214-221, ISSN (Online) 2278-1021, ISSN (Print) 2319 5940.
32. Shital Liladhar Patil, Krishnakant P. Adhiya, Textual Similarity Detection – A Survey, International Journal of Creative Research Thoughts, Vol 5, Issue 12, December 2017, pp. 510-517, DOI: doi.one/10.1727/IJCRT.17188.
33. S. L. Patil, K. P. Adhiya, Textual Similarity Detection from Sentence, International Journal of Computer Sciences and Engineering (IJCSE), Vol.-6, Issue-9, Sept. 2018, pp. 835-839, E-ISSN: 2347-2693.
34. Neha Naaz Y. Malik, Krishnakant P. Adhiya, Hate Speech Detection in Twitter-A Survey, International Journal of Management, Technology and Engineering, Volume IX, Issue I, January-2019, pp. 1272-1277, ISSN: 2249-7455.
35. Nitin Pundlik Jagtap, Dr. Krishnakant P. Adhiya, A Comprehensive Review on Privacy Preservation Techniques and Approaches for Data Sanitization, International Journal of Management, Technology and Engineering, Volume IX, Issue II, February-2019, pp. 1944-1952, ISSN: 2249-7455.
36. Patil Shweta, K.P. Adhiya, Review on Natural Language Processing & its Application in Automated Assessment System for Short Answer, International Journal of Management, Technology and Engineering, Volume IX, Issue II, February-2019, pp. 2403-2412, ISSN: 2249-7455.
37. Atul V. Dusane, Dr. K. P. Adhiya, Study of various straggler identification and mitigation techniques in distributed System, International Journal of Management, Technology and Engineering, Volume IX, Issue II, February-2019, pp. 2463-2469, ISSN: 2249-7455.
38. Patil Shweta, Dr. K.P. Adhiya, Study of Various Semantic Similarity Framework for Comparing Sentences, PRATIBHA: International Journal of Science, Spirituality, Business and Technology (IJSSBT), Volume 7, No 1, September 2019, pp 67-73, ISSN (Print):2277-7261.

39. Nitin Pundalik Jagtap, Dr. Krishnakant P. Adhiya, Privacy Preservation Association Rule Hiding: Approaches, Techniques and Metrics, PRATIBHA: International Journal of Science, Spirituality, Business and Technology (IJSSBT), Volume 7, No 1, September 2019, pp 34-43, ISSN (Print):2277-7261.

40. Patil Mayur Jagdish. Dr. Krishnakant P. Adhiya, Cyber Security: Need for Society, PRATIBHA: International Journal of Science, Spirituality, Business and Technology (IJSSBT), Volume 8, No 1, April 2021, pp 16-21, ISSN (Print):2277-7261.

41. Ankita Mandore, K.P. Adhiya, Tracking the Users' Interest on Social Media, International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 9, Issue 5, May 2021, DOI: 10.15680/IJIRCCE.2021.0905118, pp 5168-5175, e-ISSN:2320-9801, p-ISSN:2320-9798.

42. Patil, S., Adhiya, K.P. (2022). Automated Evaluation of Short Answers: a Systematic Review. In: Hemanth, D.J., Pelusi, D., Vuppapapati, C. (eds) Intelligent Data Communication Technologies and Internet of Things. Lecture Notes on Data Engineering and Communications Technologies, vol 101. Springer, Singapore. https://doi.org/10.1007/978-981-16-7610-9_69. Online: - <https://link.springer.com/book/10.1007/978-981-16-7610-9>

43. Nitin Pundalik Jagtap, Dr. Krishnakant P. Adhiya, "Association Rule Mining and Data Sanitization Technique Using Hash Base", Data Engineering Journal, ISSN:0011-9342, Issue:8,2021, pp:2269-2281.

44. Atul V Dusane, KP Adhiya, "Straggler Node Detection and Prevention using supervised Job Scheduling Approach", Design Engineering Journal, ISSN-0011-9342, October 2021, Issue 08, Vol. 2021, pp 2282-2294.

Level: National Journal

1. Bhupendra S. Chordia, K. P. Adhiya, "Grouping Web Access Sequences using Sequence Alignment Method" is published in Indian Journal of Computer Science & Engineering, ISSN: 0976-5166, Vol. 2 No. 3, Jun-Jul 2011, 308-314.

Level: International Conference

1. Sandip S. Patil and K.P. Adhiya, Information Security: Secure the Global Information in Private Network Using Network Anomalies Detection System, International Conference SPIT –IEEE COLLOQUIM 2007, Sardar Patel Institute of Technology, Mumbai, 04-05 February 2008.

2. K. P. Adhiya, Dr. S. R. Kolhe, Sandip S. Patil, Tracking and Identification of Suspicious and Abnormal Behaviors Using Supervised Machine Learning Techniques, ACM International Conference on Advances in Computing, Communication & Control 2009, 23-24 January 2009, ISBN: 978-1-60558-351-8, pp. 96-99.
3. B. S. Chordia, K. P. Adhiya, Personalized E-Business Using Web Data Mining, International Conference on Science, Engg & spirituality, S.E.S.'s COE, Navalnagar, 01 -02 April 2010.
4. S. H. Rajput, Manoj E. Patil, K. P. Adhiya, Evaluating Cloud Computing Services, International Conference on Science, Engg & spirituality, S.E.S.'s COE, Navalnagar, 01 -02 April 2010.
5. Megha Borole, Manoj E. Patil, K. P. Adhiya, Improvement of Performance of software Testing management by Architecture Oriented methodology, International Conference on Science, Engg & spirituality, S.E.S.'s COE, Navalnagar, 01-02 April 2010.
6. Harsha Chavan, K. P. Adhiya, U. B. Pawar, Image Data Run Time Compression in Wireless Sensor Network, International Conference on Global Computing, Amrutvahini COE, Sangamner, 03-04 March 2011, ISBN: 93-80697-74-0, pp. 65-71.
7. K. P. Adhiya, Rahul Neve, Efficient Approach of Web Log Filtering for Web Mining, International Conference & Workshop on Recent Trends in Tech. 2012, TCET, Mumbai, Dec 2012, pp. 926-928.
8. Shital P. Rajput, Krishnakant P. Adhiya, Girish K. Patnaik, An Efficient Audio Steganography Technique to Hide Text in Audio, Third International Conference on Computing, Communication, Control and Automation (ICCUMEA)-2017 IEEE, August 2017.
9. Shital Abhimanyu Patil, Dr. K.P. Adhiya, Yogeshwari Borse, Review of Sentiment Analysis Technique, in International Conference on Global Trends in Science, Technology, Humanities, Commerce and Management (ICGTSTHCM19), Atharva Publication, organized by SSBT's College of Engineering and Technology, Bambhori-Jalgaon, during 28 to 30 December 2019.
10. Ankita Mandore, Dr. K.P. Adhiya, Techniques for tracking the user's interest on Social Media: A Survey, in International Conference on Global Trends in Science, Technology, Humanities, Commerce and Management (ICGTSTHCM19), Atharva Publication, organized

by SSBT's College of Engineering and Technology, Bambhori-Jalgaon, during 28 to 30 December 2019.

11. K.P. Adhiya, Chaitali G. Patil, Atul V. Dusane, Multidimensional Blockchain Technology: That Changing the World, in International Conference on Global Trends in Engineering and Technology (ICGTET-2020-21) (Online Mode) organized by Department of Electronics and Telecommunication Engineering and Department of Information Technology, SSBT's COET, Bambhori-Jalgaon, held on 29th-30th January 2021.
12. Patil Mayur Jagdish, Krishnakant P. Adhiya, Cyber Security: Need for Society, in International Conference on Global Trends in Engineering and Technology (ICGTET-2020-21) (Online Mode) organized by Department of Electronics and Telecommunication Engineering and Department of Information Technology, SSBT's COET, Bambhori-Jalgaon, held on 29th-30th January 2021.
13. Patil Shweta, K.P. Adhiya, Automated Evaluation of Students Short Answer Responses: A Systematic Review, in International Conference on Global Trends in Engineering and Technology (ICGTET-2020-21) (Online Mode) organized by Department of Electronics and Telecommunication Engineering and Department of Information Technology, SSBT's COET, Bambhori-Jalgaon, held on 29th-30th January 2021.
14. Patil Shweta, Krishnakant Adhiya, Comparative Study of Feature Engineering for Automated Short Answer Grading, in 2022 IEEE World Conference on Applied Intelligence and Computing (2022-23), DOI:10.1109/aic.2022.100, pp:594-597. <https://ieeexplore.ieee.org/document/9848851>

Level: National Conference

1. K. P. Adhiya, U. S. Bhadade, Network Intrusion Detection System, National Conference on Recent Trends in Information, Communication Technology and applications (RTICTA-2002), 10-11 October, 2002.
2. K. P. Adhiya, U. S. Bhadade, E Learning, National Conference on Recent Trends in Information, Communication Technology and applications (RTICTA-2002), 10-11 October, 2002.
3. K. P. Adhiya, Sanjay S. Gharde, Surendra Ramteke, Feature Interaction In Internet Telephony, All India Seminar on Advanced Communication Techniques and Networking: Exploring Challenges, Shri. Shankaracharya College of Engineering & Technology, Junwani, Bhilai (CG), 6th and 7th January, 2007.

4. Sanjay S. Gharde, K. P. Adhiya, Dewanand Meshram, Broadband-High speed Internet Technology, All India Seminar on Advanced Communication Techniques and Networking: Exploring Challenges, Shri. Shankaracharya College of Engineering & Technology, Junwani, Bhilai (CG), 6th and 7th January, 2007.
5. Sandip S. Patil, K. P. Adhiya, Network Security: Secure The Network Using Firewall By Screening and Filtering Network Traffic, is published in National Conference on Emerging Trends in Signal Processing & Communication (ETSPC-07), MAE Alandi, Pune, 27-29 Dec 2007.
6. Sanjay S. Gharde, K. P. Adhiya, Sandip S. Patil, Web Services for E-commerce, National Conference on Information Technology in Multi-Domain Industry, Sinhgad Institute of Technology, Lonavala, 20-21 April 2007.
7. Dr. S. R. Kolhe, K. P. Adhiya, Grid Computing: Perspective towards an e-governance grid for India, National seminar on Sustainable Rural Development: A Strategic Roadmap for Economic Excellence, NMU, Jalgaon, 25-26 September 2008.
8. K. P. Adhiya, Applications of Neural Networks, National Conference on Computing, Communication, Electronica (NCCCE-08), KCE's College of Engineering & Information Technology, Jalgaon, 08-09 February 2008.
9. Sandip S. Patil, K. P. Adhiya, Use of Various Basic Wavelet Function for Tracking of Abnormal Behaviors, 2nd National Conference on Computing, Communication, Electronica and Management, KCE's College of Engineering & Information Technology, Jalgaon (NCCCEM -09), 20-21 March 2009.
10. R. D. Shingare, K. P. Adhiya, A. T. Bhole, Semantic Web Architecture and Application National Conference on Recent Trends in Computer Engineering, Communication, IT and Management 2010 (NCRT 2010), 19-20 Feb 2010.
11. K. P. Adhiya, Sandip S. Patil, MeghaBorole, A Fast Clustering Algorithm for Categorical, National Conference on Recent Trends in Computer Engineering, Communication, IT and Management 2010 (NCRT 2010), 19-20 Feb 2010.
12. K. P. Adhiya, Sandip S. Patil, S. B. Ranade, High Speed Enhanced Routing Operations in NIC's Working as a Software Router, National Conference on Recent Trends in Computer Engineering, Communication, IT and Management 2010 (NCRT 2010), 19-20 Feb 2010.

13. Nilima Patil, K. P. Adhiya, Manoj E. Patil, Methodologies Use in Handwritten Devanagari Character Recognition-A State of Art, National Conference on Recent Trends in Computer Engineering, Communication, IT and Management 2010 (NCRT 2010), 19-20 Feb 2010.
14. K. P. Adhiya, Sandip S. Patil, N. Y. Suryawanshi, "Use of Completely Automated Turing Test (CAPTCHA) for Tracking and Comparison of Machine and Human Behavior" National Conference on Recent Trends in Computer Engineering, Communication, IT and Management 2010 (NCRT 2010), 19-20 Feb 2010.
15. A. T. Bhole, N. P. Jagtap, K. P. Adhiya, Data Mining and Weather Application, National Conference on Recent Trends in Computer Engineering, Communication, IT and Management 2010 (NCRT 2010), 19-20 Feb 2010.
16. K. P. Adhiya, Dr. Satish Kolhe, User Profile Representation for Personalized Web Search National Conference on Emerging Trends in Engineering, Technology and Management (Milestone 2K10) at SSBT's College of Engg. & Tech. Bambhori, Jalgaon, 29-30th March, 2010, pp. 22-28.
17. K. P. Adhiya, Dr. S. R. Kolhe, Study of User Behavior by Data Preprocessing & Analyzing Web Logs, National conference on Emerging Trends in Computer and IT (TECHMEET-10), J. T. Mahajan COE, Faizpur, 05 March 2010.
18. Sandip S. Patil, K. P. Adhiya, Sanjay S. Gharde, Profiling network for detection and classification of behaviors of various networks miss users, National Conference on Emerging Trends in Engineering, Technology and Management (Milestone 2K10) at SSBT's College of Engg. & Tech. Bambhori, Jalgaon, 30th March, 2010, pp. 34-38.
19. Sanjay S. Gharde, K. P. Adhiya, Sandip S. Patil, Kernel Function: Nobel approach in Support Vector machine for handwritten numeral recognition system, National Conference on Emerging Trends in Engineering, Technology and Management (Milestone 2K10) at SSBT's College of Engg. & Tech. Bambhori, Jalgaon, 30th March, 2010, pp. 34-38.
20. A. T. Bhole, K. P. Adhiya, Manoj E. Patil, Pattern Based Software Reusing by Architecture-Centric Software Process National Conference on Emerging Trends in Engineering, Technology and Management (Milestone 2K10) at SSBT's College of Engg. & Tech. Bambhori, Jalgaon, 30th March, 2010, pp. 48-52.
21. K. P. Adhiya, Dr. S. R. Kolhe, Vrishali Sonavane, User Behavior Study by Data Cleaning and Analyzing Log File, National Conference on Advances in Computing (NCAC 2011), NMU, Jalgaon, 24-25 February 2011, pp. 205-210.

22. S. H. Rajput, M. E. Patil, K. P. Adhiya, Study and Improve the faithful distributed shapely and Marginal Cost Mechanisms for Sharing the cost of multicast transmission, 7th National Conference on Advances in IT & Management, Smt. Sitabai Mangilal Agrawal Institute of Mgt, Chalisgaon, 13 February 2011.
23. S. J. Patil, A. T. Bhole, K. P. Adhiya, Improving End to End Packet Delay and Loss Measurement Techniques, 7th National Conference on Advances in IT & Management, Smt. Sitabai Mangilal Agrawal Institute of Mgt, Chalisgaon, 13 February 2011.
24. K. P. Adhiya, Sandip S. Patil & Nitin P. Jagtap, Study and Performance Improve of Data Leakage Detection Model, 7th National Conference on Advances in IT & Management, Smt. Sitabai Mangilal Agrawal Institute of Mgt, Chalisgaon, 13 February 2011.
25. Sandip S. Patil, K. P. Adhiya, Use of PSO Based ANN Training for the Detection of Various Networks Anomalies with their Potential Behaviors, National Conference on Advances in Computing (NCAC 2011), NMU, Jalgaon, 24-25 February 2011, pp. 63-68.
26. Nitin Jagtap, Sandip S. Patil, K. P. Adhiya, Identification of Guilt Agent using Data Leakage Detection, 2nd National Conference on Advances in Computing, 16-17 March 2012.
27. Dhanashree Kulkarni, K. P. Adhiya, Study & Review of Hierarchical Encryption for Cloud Computing, 2nd National Conference on Emerging Trends in Computer Technology (NCETCT-2013), RCPIT, Shirpur, 22-23 February 2013.
28. Pooja Naval, K. P. Adhiya, Study of Different Digital Image Watermarking Techniques for Photo Authentication in ID Cards, 2nd National Conference on Emerging Trends in Computer Technology (NCETCT-2013), RCPIT, Shirpur, 22-23 February 2013.

Participation in STTP/Workshops/Training/Seminars/Conferences/Courses Since Date of Joining:

1. Participated in ISTE Seminar on Topics Related to Engineering Education at COET Bambhori on 11-17 Aug 1998.
2. Attended seminar on Quality Engineering Education at COET Bambhori and Engg. Education Foundation Pune on 26 December 1998.

3. Attended Workshop on IT Revolution and HRM at Vidya Bharati Mahavidyalay, Amaravati on 11-12 January 2002.
4. Attended Workshop on Advances in Web Based Computing at N.M.U. Jalgaon on 09-10 Feb. 2002
5. Attended Workshop on Recent Trends in Information Communication Technology and Applications at N.M.U., Jalgaon on Oct. 2002.
6. Attended a course on Rational Unified Process fundamentals for windows at Rational University, Pune on 9 Dec 2002.
7. Attended a course on OOAD with UML and Rational Rose at Rational University, Pune on 10-12 Dec 2002.
8. Attended a course on Rational ClearCase fundamentals for windows at Rational University, Pune on 13-14 Dec 2002.
9. Attended a course on Rational Team Test for Functional Testing at Rational University, Pune on 16-18 Dec 2002.
10. Attended Orientation Program for Engineering College Teachers at COET, Bambhori on 11-13 July 2003.
11. Attended Workshop on MATLAB and Simulink at COET, Bambhori on July 2003.
12. Attended Workshop on Bioinformatics at JNEC, Aurangabad on 16-18 Aug 2003.
13. Attended Training On Novell Administrator 6 at COET, Bambhori on 07-12 July 2004.
14. Attended STTP on Embedded System- Present Scenario at VIT, Pune on 13-27 December 2004.
15. Attended Workshop on Embedded System Design at Bhartiya Research Center, Pune on 09-11 January 2004.
16. Attended Workshop on Soft Computing tools at VIT Pune, on 16-21 July 2007.
17. Attended National Seminar on Low Cast Automation at COET, Bambhori on 21 April 2007.

18. Attended National Seminar on Nanotechnology at COET, Bambhori on Feb 2008.
19. Participated in STTP on UNIX Programming at KCE, COEIT, Jalgaon on 30/06/2008-04/07/2008.
20. Presented a Model – in Aviskar 2008 at NMU Jalgaon on 17-18 Dec 2008.
21. Attended one day workshop on Embedded Systems at RCPIT, Shirpur on 16 July 2008.
22. Attended National Seminar on Energy Conservation and Audit at COET, Bambhori on 16 Feb 2009.
23. Attended National Seminar on Advances in Computing at NMU Jalgaon on 16-17 March 2009.
24. Participation In One-week AICTE-ISTE Sponsored STTP on Emerging Trends in DSP at COET Bambhori on 30 March -03 April 2009.
25. Participation in International Workshop on Digital Governance and Hotspot Geo Informatics at KCE Jalgaon on 5-7 June 2009.
26. Attended Three Days Teacher Training Workshop “Shram Sadhana” at COET, Bambhori & Deepstambh Foudation Jalgaon on 09- 11 July 2009.
27. Presented a Poster on “Development of Agent Based Personalized Web Search Model” in Avishkar 2009 at NMU Jalgaon on 01-02 Dec 2009.
28. Attended In plant Training Program on Disaster Management in Association with National Safety Council Mumbai at COET Bambhori & National Safety Council Mumbai (Ministry of Labor) on 23 Jan 2010.
29. Attended ISO 9001-2008 Awareness and Auditing Practices Course at MAX Certificate PVT LTD Pune and COET Bambhori on 20 Feb 2010.
30. Attended Two Days Workshop on Embedded System at LARE Mumbai & SSBT’s COET Bambhori Jalgaon on 6-7-8 Aug 2010.
31. Attended Two Days National Workshop on MALAB APPLICATIONS at SSBT’s COET Bambhori Jalgaon on 5-6 March 2011.

32. Attended Three Days National Level Workshop on Research Methodology at SSBT's COET Bambhori Jalgaon on 17 to 19 Oct 2011.
33. Attended One Week STTP on Data warehousing and Mining at A D C O E T Ashta Sangli on 27-31 Dec 2011.
34. Attended One week FDP on "OS & Linux" at SSBT's COET, Bambhori, Jalgaon from 03/01/2011 to 09/01/2011.
35. Participated in Avishkar 2011 at NMU Jalgaon on 28-29 Dec 2011.
36. Attended UGC-SAP Sponsored National Seminar on NLP and Image Processing at NMU Jalgaon on 16-17 Jan 2012.
37. Attended One week FDP on "Latex" at SSBT's COET, Bambhori, Jalgaon from 02/01/2012 to 08/01/2012.
38. Attended One day Workshop for Syllabus Framing of Computer & I.T. Engineering at RCPIT Shirpur in Association with NMU Jalgaon on 08 Nov 2012.
39. Attended Two Days ISTE- Workshop on Aakash for Education at SSBT's COET Bambhori Jalgaon Conducted by I.I.T. Bombay under National Mission on Education through ICT (MHRD) on 10-11 Nov 2012.
40. Attended One Week Faculty Development Programme on Cloud Computing and It's Application Domain at SSBT's COET, Bambhori, Jalgaon in association with Computer Society of India (CSI) on 21-25 Jan 2013.
41. Participated in Two-week ISTE on-line workshop on database management Systems" conducted by IIT Bombay from 21st to 31st May, 2013.
42. Participated in two days International Conference on "Mathematical Modelling and Optimization Techniques in Science and Engineering" (MMOSTE-2013) conducted by SSBT COET Bambhori, Jalgaon from 26-27 July, 2013.
43. Attended One-week STTP on 'Data Mining: Research Oriented Approach' at P.E.S. COE, Aurangabad on 18-22 Nov 2013.
44. Attended two days National Seminar on "Natural Language Processing and Image Processing" at North Maharashtra University, Jalgaon, on 14-15 March 2015.

45. Attended Three Days Training Workshop on “Self Awareness and Team Work”, from 2nd May to 4th May 2016, at SSBT’s COET, Bambhori-Jalgaon.
46. Attended (as an Organizing Committee Member) YUVARANG-2015, University Level Intercollegiate Youth Festival, jointly organized by NMU Jalgaon and SSBT’s COET, Bambhori-Jalgaon from 7th to 10th January 2016.
47. Participated in International Conference on Global Trends in Signal Processing, Information Computing and Communication (ICSPICC-2016), on 22-24 December 2016, at SSBT’s COET Bambhori-Jalgaon.
48. Participated in Post Graduate Conference on Computer Engineering, on 24-25 March 2017, at Sandip Foundation’s Sandip Institute of Technology and Research Center, Nashik.
49. Attended One day Workshop on Syllabus Framing for Second Year Engineering (Computer & I.T.) of NMU Jalgaon organized by SSBT’s COET Bambhori-Jalgaon, on 3rd July, 2018.
50. Attended One day seminar on Adoption and Promotion of e-learning in Higher Education Institutes organized by Internal Quality Assurance Cell of SSBT’s COET Bambhori, Jalgaon on 5th January 2019.
51. Participated in International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management 2019 (ICGTSTHCM 2019), as Session chair, on January 18-20, 2019, at SSBT’s COET Bambhori-Jalgaon.
52. Attended One day Workshop on Syllabus Framing for Second Year and Third Year Engineering (Computer & I.T.) of KBC NMU Jalgaon, organized by SSBT’s COET Bambhori-Jalgaon, on 28th January, 2019.
53. Completed One Week On-line Workshop on “Advanced Power Converters for Industrial Applications”, organized by Department of Electrical Engineering, S.S.B.T.’s, College of Engineering & Technology, Bambhori, Jalgaon, (M. S.) India during 28 April to 2nd May 2020.
54. Completed One Week On-line Faculty Development Program on R software, organized by Thakur College of Science and Commerce, Mumbai, in association with Spoken Tutorial, IIT Bombay, during 18th May to 25th May 2020.

55. Participated in One Week On-line STTP on “Effective online Teaching-Learning Methods: Challenges, Preparation and Use of ICT Tools”, organized by Govindrao Wanjari College of Engineering and Technology, Nagpur, from 18 May to 23 May 2020.
56. Attended One Week On-line Faculty Development Program on “Opportunities and Challenges in Electronics and Allied Industries in India post COVID-19”, organized by Department of Electronics, Vivekanand Education Society’s Institute of Technology Mumbai in association with IIC of Vivekanand Education Society’s Institute of Technology, Mumbai, from 25th May to 30th May 2020.
57. Completed One Week On-line Faculty Development Program on “e-learning: Managing Online Classes and Creating Content”, organized by IQAC Cell, Anuradha Engineering College, Chikhali, during 8th to 12th June 2020.
58. Participated in One Week On-line Awareness Program on MATLAB, organized by Department of E&TC Engineering, and ISTE Student Chapter, S.S.B.T.’s, College of Engineering & Technology, Bambhori, Jalgaon, (M. S.) India during 12th –16th June 2020.
59. Participated in One week Online AICTE recognized Faculty Development Program on “Applications on IoT ” , organized by Computer Science and Engineering Department, NITTR, Chandigarh, Ministry of Human Resource Development, Government of India, from 16 June to 20 June 2020.
60. Attended online webinar on “Design Thinking in the Age of COVID-19”, organized by RSCOE IEEE Student Branch in association with IEEE Pune section, SPS chapter and WIE Affinity group on 6th May 2020.
61. Participated in Online webinar on “5G-Communication of next generation” organized by ISTE VIT student chapter in association with Electronics and Telecommunication of Vidyalankar Institute of Technology on May 14,2020.
62. Attended two days online workshop on “e-Content Development Workshop for Teachers”, organized by Chemical Engineering Department, K.K. Wagh Polytechnic, Nashik, on 1st June to 2nd June 2020.
63. Attended online webinar on “Leadership and Governance fro NBA Perspective”, organized by Rajarambapu Institute of Technology and GEDC on 23 June 2020.
64. Attended online webinar on “Outcome Based Education Software”, organized by Vmedulife Software Services on 4th June 2020.

65. Attended online webinar on “English for Academic Research Writing”, organized by department of Computer Engineering, SSBT’s COET, Bambhori- Jalgaon, on 16th June 2020.
66. Participated in online FDP on “Moodle-Learning Management System”, organized by Amity School of Engineering and Technology, Amity University Maharashtra, from 5th June to 7th June 2020.
67. Attended the Train-the-Teacher Training Program (TTT Program) on the theme “Online Learning: Live Classroom Teaching Platforms”, organized by KBC North Maharashtra University, Jalgaon, during 24-27 July, 2020.
68. Participated in One-Day online webinar sponsored by NBA on “Awareness Webinar on Outcome based Education and Accreditation”, on 27th November 2020.
69. Participated in AICTE sponsored One Week Online Short Term Training Program (STTP) on “Digitally Controlled Power Converters for Industrial and Renewable Applications (Phase-II)”, held during 23-28 November 2020, organized by SSBT’s COET, Bambhori- Jalgaon.
70. Participated in AICTE sponsored One Week Online Short Term Training Program (STTP) on “Blockchain Technologies and Use Cases”, organized by Vishwakarma Institute of Information Technology (VIIT), Pune, during 30th November to 5th December 2020.
71. Participated in AICTE-ISTE sponsored One Week Online Induction/Refresher Program on “Machine Learning and Pattern Recognition (Phase-II)”, held during 7th to 12th December 2020, organized by SSBT’s COET, Bambhori-Jalgaon.
72. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Machine Learning and Pattern Recognition" from 18-1-2021 to 22-1-2021 at MET's Institute of Engineering, Nashik.
73. Participated in One Week FDP on “Data Science” organized by PCET’s Pimpri Chinchwad College of Engineering and Research, Pune – 412101 during 19th -24th April 2022.
74. Attended MoE’s Innovation Cell (MIC), AICTE, New Delhi Sponsored Impact Series on the topic “R & D Innovation” and “Intellectual Property Rights (IPR ’s)” held on 28th May, 2022 organized by IIC Cell, SSBT’s COET, Bambhori, Jalgaon.
75. Attended MoE’s Innovation Cell (MIC), AICTE, New Delhi Sponsored Impact Series on the topic “Design and Critical Thinking” and “Startup Opportunities and Governing

Funding” held on 11th June, 2022 organized by IIC Cell, SSBT’s COET, Bambhori, Jalgaon.

Others:

I. Membership of Professional Bodies: - ISTE, CSI, ACM’s CSTA, IAENG.

II. Books Publication: -

Text Books Written and Published: -

1. Computer Organization, for S.E. Computer Engineering as per syllabus of North Maharashtra University Jalgaon in Feb, 2008, Nirali Publications.
2. Software Engineering, for T.E. Computer Engineering and Information Technology as per syllabus of North Maharashtra University Jalgaon in Jun-2009, Nirali Publications.
3. Advanced Computer Architecture, for B.E. Computer Engineering as per syllabus of North Maharashtra University Jalgaon in Feb 2010, ISBN NO 978-81-909164-7-9, Prakash Publications.
4. Computer Network, for T.E. Computer Engineering and Information Technology as per syllabus of North Maharashtra University Jalgaon in Nov-2010.
5. Microprocessor-III, for T.E. Computer Engineering as per syllabus of North Maharashtra University Jalgaon in Jan 2011.
6. Embedded System, for B.E. Computer Engineering, Information Technology and E& TC as per syllabus of North Maharashtra University Jalgaon in October 2012, ISBN NO 978-81-909164-14-9, Prakash Publications.

III. Guest Lecturers Delivered: -

- a) Invited as visiting lecturer for “Advanced Computer Architecture” at IMR, Jalgaon.
- b) Invited for guidance lecture for SSC Students Zila Parashad Vidya Niketan and Junior College on 07/02/2013.

IV. Representation at University/Other Level: -

- a) Recognized PhD Guide in Computer Engineering under the faculty of Science and Technology, North Maharashtra University, Jalgaon.
- b) Currently, Nominated as member of Board of Studies in Computer Engineering & I.T. at North Maharashtra University, Jalgaon.
- c) Member of Board of Studies in Computer Engineering & I.T. at North Maharashtra University, Jalgaon – Year 2000 – 01.
- d) Member of Board of Studies in Computer Engineering & I.T. at North Maharashtra University, Jalgaon – Year 2002 – 08.
- e) Member of Faculty of Engineering and Technology at North Maharashtra University, Jalgaon – Year 2005 – 06 and 2007-08.
- f) Subject Expert for LIC/ Approval etc. at North Maharashtra University, Jalgaon.
- g) Worked as Vice-coordinator of CSI Student Chapter, Jalgaon.
- h) ME Thesis/ Dissertation Examiner for Amravati University, Mumbai University.

V. Special Award Achieved etc.

The Management of C.O.E.T has awarded the Certificate for best result in various academic years.

Sign

Prof. Dr. Krishnakant P. Adhiya