

RESUME

Name of Teaching Staff	Dr. Chetashri Bhadane
Designation	Assistant Professor
Department	Computer Engineering
Date of Joining the Institution	06.07.2012



Professional Memberships	ISTE
Qualifications with Class/Grade: <ol style="list-style-type: none">1. Ph.D., Engineering, NMIMS University2. M.E. (Computer Engineering), First Class with Distinction, NMIMS University, 20123. B.E. (Computer Engineering.), First Class, NMU, 2003	
Total Experience in Years:	
Teaching: <ol style="list-style-type: none">1. Assistant Professor in D.J. Sanghvi College of Engineering, Mumbai from July 2012 to till date2. Lecturer in Fr. Conceicao Rodrigues College of Engineering, Bandra from July 2011 till May 2012 Assistant Professor in Information Technology Dept. of NMIMS's Mukesh Patel School of Technology Management & Engineering, Mumbai from February 2010 till November 20103. Lecturer in Computer Science Department of K.K. Wagh Institute of Engineering Education and Research, Nashik, with UGC approval from July 2004 till February 2009.	
Courses Taught: <u>Subject Name (UG)</u> <ol style="list-style-type: none">1. Structured Programming approach (C)2. Object Oriented Programming Language (JAVA)3. Data Structures4. Operating Systems5. Design & Analysis of Algorithms6. Database Management System7. Distributed Databases8. Advance Databases9. Web Engineering & Technologies	

10. Relational Database & Visual Basic Programming Lab
11. Soft Computing
12. Machine Learning
13. Artificial Intelligence

Projects Guided:

- B.E. Major Project: **45**
- T.E. Mini Project: **30**

Academic Duties:

- Exam Committee Member (College level)
- Project Coordinator
- Seminar Incharge
- NBA Criteria Incharge
- NACC Committee member
- Course Coordinator
- Students Mentor
- Class Advisor
- Lab Incharge

Achievements:

- Received “TCS Best Project Award” in recognition of excellent guidance given to the students of 2015 batch for their final year project.

Workshop, lecture series & Conferences Organized:

- International Conference on Advanced Computing Technologies and Applications (ICACTA- 2015) - Logistics Committee member
- International Conference on Advanced Computing Technologies and Applications (ICACTA- 2020) - Technical Committee member
- State Level Project Competition, DJASCII – Technical Committee Member
- Linux Installation and System calls
- Blockchain Technology
- Project Deep Blue
- Industry Practices for developing DBMS projects
- Machine Learning: Optimization Techniques

Guest Lectures conducted:

- Topic: Enhancing Research Paper Writing Skills
College: R.H. Sampat COE Management Studies and Research, Pune University
Target audience: 2nd and final year students and faculty members
Date: 18/9/2021

FDP, STTP, Workshops attended:

- STTP on “**Software Testing and Quality Assurance**”, Sinhgad Society’s Smt. Kashibai Navale COE, Pune. 13th – 18th June 2005
- Workshop to Discuss the **Implementation of New Syllabus** of T.E. Computer Engineering, Bharati Vidyapeeth’s COE for Women, Pune, 20th January 2006
- Staff Development Programme “**Developing Core Teaching Competencies in Engineering College Teachers**”, K.K. Wagh IEER, Nashik. Conducted by National Institute of Technical Teachers’ Training and Research, Bhopal. 18th – 30th June 2007
- Seminar on “**MeL 2007, A State Level Seminar on Multimedia and eLearning: Anytime Anywhere Learning**”, K.K. Wagh IEER, Nashik. 9th- 10th Feb 2007
- ISTE-STTP on “**Advanced Web Technology**”, Vivekanand Education Society’s Institute of Technology, 9th -13th Jan 2012
- Graded ISTE-STTP on “**Structured Programming Approach with Lab Exercises**”, SPIT, Mumbai, 31st Dec – 5th Jan 2013.
- FDP on “**Big Data Analysis**”, DJSCE, Mumbai, Conducted by TCS, 15th – 17th Dec 2014
- FDP on “**Big Data**”, J.P. Morgan, Mumbai, 13th Feb 2015
- FDP on “**Research Areas in IoT**”, DJSCE, Mumbai, 14th – 15th July 2017
- AICTE-QIP Sponsored one-week workshop on “**Spatial Data, Data Mining and Analytics**”, VJTI, 26th– 31st March, 2018
- FDP on “**R and Python Programming**”, DJSCE, 12th - 13th Jan 2018
- FDP on “**Research Areas in IoT**”, DJSCE, 14th - 15th July 2017
- AICTE-ISTE STTP on “**Insights of Machine Learning and Deep Learning**”, DJSCE, 2nd to 6th July 2018
- FDP on “**How to do Good Industrial Research**”, DJSCE, 12th - 13th Jan 2018
- FDP on “**Improving Teaching Learning Experience using Best Practices**”, DJSCE, 12th - 13th Jan 2018
- FDP on “**Data Science**”, FRCRCE, 26th - 30th May 2020
- FDP on “**Active Teaching and Learning Strategies using Innovative Technology**”, DJSCE, 15th - 19th June 2020
- ISTE STTP on “**Smart Computing**”, DJSCE, 12th July to 16th July 2021
- ATAL FDP on “**Data Sciences**”, Ramakrishna Mission Vivekananda Educational and Research Institute, 2020-10-20 to 2020-10-24
- ATAL FDP on “**Stress-management**”, Indian Institute of Technology - Madras, 2020-8-26 to 2020-8-30
- ATAL FDP on “**Application of IOT in Agriculture**”, Gandhi Institute for Technology (GIFT) Bhubaneswar, 2021-07-06 to 2021-07-10
- ATAL FDP on “**Emotional Intelligence and freedom from stress for vitality living**”, BML Munjal University (Hero Group), 2021-7-12 to 2021-7-16
- AICTE-FDP on “**Universal Human Values**”, 2020-10-26 to 2020-10-30
- One day national symposium, “**Technology Vision 2035: An Educational Perspective**”, TCET, Mumbai, 26th June 2021

Course Certification (Coursera/NPTEL):

1. Cluster Analysis in Data Mining
2. DBMS Essentials
3. Learning to Teach Online, UNSW Sydney (2 weeks), 13/7/2020
4. Assessment in Higher Education: Professional Development for Teachers, Erasmus University Rotterdam (4 weeks), 5/8/2020
5. Data Mining (NPTEL)

Publication & Conferences : (Till Date)**Papers presented in National Conference: 00****Papers presented in International Conference: 08**

- 1. Framework for Students Information System**
International Conference: Confe2008 at VIT University, Vellore.
- 2. Sentiment Analysis: Measuring Opinions**, International Conference on Advanced Computing Technologies and Applications (ICACTA)
Journal - Elsevier
Doi:10.1016/j.procs.2015.03.159 Volume 45, 2015, Pages 808–814
- 3. Trigger System for Sales Prediction Using Data Mining Techniques**
International Conference : ICECSITME- Pune
Paper ID: TA-ECSITMEMUM-31016-800 ISBN : 978-93-85973-21-7, 31st Jan 2016
- 4. Analysis of User Similarity Measures Using GPS Trajectories**
IEEE International Conference: ICCUBEA '17, Pune, 17th – 18th August 2017
- 5. A Novel Matrix for Location Categorization in Human Mobility Mining**
IEEE International Conference: PuneCon'18 on Data Science and Analytics Pune, 30-11-2018 to 02-12-2018
- 6. Clustering Algorithms for Spatial Data Mining**
3rd International Conference on Geoinformatics and Data Analysis, **Marseille, France**, April 15to 17,2020, 978-1-4503-7741-6/20/04, <https://doi.org/10.1145/3397056.3397068>
- 7. Human Activity Recognition**
2nd International Conference on Advanced Computing Technologies and Applications (ICACTA 2020), 28th-29th Feb 2020, ISSN: 2277-3878, Springer, DOI:10.35940/ijrte.F9449.038620
- 8. Audio Tagging for Emotion Recognition: A Review**
2nd International Conference on Advanced Computing Technologies and Applications (ICACTA 2020), 28th-29th Feb 2020, ISSN: 2277-3878, Springer, DOI:10.35940/ijrte.F9449.038620

Papers presented in National Journal: 00

1. NA

Papers presented in International Journal: 18

1. An Efficient Parallel Approach for Frequent Itemset Mining of Incremental Data, IJSER, Volume 3, Issue 2, February-2012, ISSN 2229-5518
2. Personalized Image Search using Photo Sharing Websites International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 4, Issue 10 October 2015
3. Ascertainig Apropos Mining Algorithms for Business Applications International Journal of Innovations & Advancement in Computer Science (IJIACS) ISSN 2347 – 8616 Volume 3, Issue 7 September 2014
4. Distinction of Discrete Transformations Applied to Hadoop's MapReduce International Journal of Computer Applications ISSN 0975 – 8887 Volume 104 – No 10, October 2014
5. A Survey: Web based Cyber Crimes and Prevention Techniques International Journal of Computer Applications ISSN 0975 – 8887 Volume 105 – No. 17, November 2014
6. Frameworks for Graph-Based Problems International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 4, Issue 9 September 2015
7. A Survey on Use of Data Mining for Detecting Cyber Attacks A Survey on Use of Data Mining for Detecting Cyber Attacks ISSN 2347 – 8616 Volume 4, Issue 9 September 2015
8. Real time data processing frameworks International Journal of Data Mining & Knowledge Management Process (IJDKP) Vol.5, No.5, September 2015
9. Automatic Text Summarization of Documents International Journal of Innovations and Advancement in Computer Science ISSN 2347-8616, Vol.4, Issue 12, December 2015
10. Strengthening user Authentication using keystroke dynamics International Journal of Engineering and Technology ISSN 2278-0181, Vol.4, Issue 11, 24th Nov 2015
11. Technique to Detect Vandalism in Wikipedia, International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 5, Issue 1 January 2016
12. A framework for detection of video spam on you tube, International Journal of Computer Science and Information Technology. ISSN 0975 – 9646 Volume 6, Issue 6 December 2015
13. Credit Card Fraud Detection Using Hidden Markov Model, International Journal of Scientific & Engineering Research ISSN 2229-5518, Volume 5, Issue 1, January-2014
14. Context aware next location prediction using data mining and metaheuristics, Evolutionary Intelligence, Springer journal,,4th Sep 2020
15. Importance of Context in Prediction Systems of Mobile Applications, International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-8 Issue-6, March 2020, Retrieval Number: F9449038620/2020©BEIESP DOI:10.35940/ijrte.F9449.038620

16. Location Prediction Models using Data Mining and Machine Learning, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-3, February, 2020, Retrieval Number: C6044029320 /2020©BEIESP DOI: 10.35940/ijeat.C6044.029320
17. Sentiment Analysis: Measuring Opinions, Journal - Elsevier
Doi:10.1016/j.procs.2015.03.159 Volume 45, 2015, Pages 808–814
18. Systematic Review Of Technologies Used For Automatic Caricature Generation
International Journal of Computer Engineering and Technology (IJCET), Volume 12, Issue 1, January-April 2021, DOI: 10.34218/IJCET.12.1.2021.001

Books Published / IPRs / Patents

1. Published following **Patent**,
Invention Title: METHOD FOR GEO-TAGGING
Application no: 202121029556
Publication no: 32/2021
Patent Type: Indian National