

## **PERSONAL INFORMATION**



**Name:** Dr. Archana K. Bhavsar

**Designation:** Associate Professor

**Department:** Computer Engineering

**Qualification:** Ph.D Comp. Sci. & Engg (2019)

M. Tech Comp. Sci. & Engg. (2006)

B.E. Computer Engineering (2000, under CIS 2003)

**Date of Joining:** 17<sup>th</sup> March, 2008

**Years of Experience:** Teaching : 19 Years.

As Programmer : 3 years

### **PUBLICATIONS:-**

<b>Sr. No.</b>	<b>Publication</b>	<b>Number of Papers</b>
1.	International Journal	08
2.	International Conferences	08
3.	National Conferences	02
	<b>Total Papers</b>	<b>18</b>

### **DETAILS OF PUBLICATION IN INTERNATIONAL JOURNAL**

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1. **Kinjal Prajapati, Ratheesh Ramakrishnan, Madhuri Bhavsar, Alka Mahajan, Zunnun Narmawala, Archana Bhavsar, Maria Simona Raboaca and Sudeep Tanwar** “Log Transformed Coherency Matrix for Differentiating Scattering Behaviour of Oil Spill Emulsions Using SAR Images” MDPI-Multidisciplinary Digital Publishing Institute, A pioneer in scholarly, open access publishing, Published: 16 May 2022, <https://doi.org/10.3390/math10101697>
2. **Sana M. Deshmukh, Dr. A.K. Bhavsar** “A Review On Different Quicksort Algorithm ,” Pratibha: International Journal Of Science, Spirituality, Business And Technology (IJSSBT) IJSSBT volume 7, Number 2, September 2020
3. **A. K. Bhavsar, Dr. J. S. Shah** “ Design Model Of Cloud Based Waste-Water Management”, International Journal of Advanced Research in Computer Science, www.ijarcs.info, ISSN No. 0976-5697 Volume 8, No. 2, March – April 2017.
4. **A. K. Bhavsar, Dr. J. S. Shah** “ Cloud Based Decision Support System for Waste Water Management Using Supervised Decision Tree Algorithm”, International Journal of Computer Sciences and Engineering , [www.ijcseonline.org](http://www.ijcseonline.org) E-ISSN: 2347-2693 Volume-5, Issue-10, 30<sup>th</sup> Oct 2017, Pages No 367-372
5. **Alpesh D.Patil<sup>1</sup>, Abhijit T. Sapkale<sup>2</sup>, Bhushan D.Shimpi<sup>3</sup> , Archana K. Bhavsar**, “Cloud Data Security Using Third Party Auditing and Encryption”, International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 3, March 2015 ISSN (Online) 2278-1021 ISSN (Print) 2319-5940, Page no 112-114
6. **Nikita R. Jethani Prajakta D. Vibhandik Bhavana S. Patil Nilima N.Patil, A.K.Bhavsar**” Load Balancing Model in Cloud Computing Environment” International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 3 Issue: 3 1182 – 1185, <http://www.ijritcc.org>, **March 2015**,
7. **N. P. Jagtap, S. J. Patil, A. K. Bhavsar** “*Implementation of Data Watcher in Data Leakage Detection System*” International Journal of Computer & Technology [www.ijctonline.com](http://www.ijctonline.com) ISSN: 2277-3061 Volume 3. No. 1, AUG, 2012.
8. **Madhuri Bhavsar , Archana Bhavsar** “NCloud Experimenting with Architecting and Facilitating Utility Services for Establishing Educational Cloud” journal of Mobile, Embedded and Distributed Systems, vol. V, no.2, 2013.

## DETAILS OF PUBLICATION IN INTERNATIONAL CONFERENCES

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1. **Tejashri Patil, Archana K. Bhavsar**, “Data Science Team Roles and Need of Data Science: A Review of Different Cases” 1st International Conference on Data Science and Intelligent Applications (ICDSIA-20) at Gandhinagar Institute of Technology (G I T) on 24-25 January 2020
2. **A. K. Bhavsar, Dr. J. S. Shah**, “Performance Analysis of Decision Support System for Waste-Water Management using SVM by ANOVA ”, International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management 2019 (ICGTSTHCM 2019) at SSBT's College of Engineering and Technology, Bambhori, Jalgaon, on **January 18 – 20, 2019**
3. **A. K. Bhavsar , T.A. Patil**, “System Model for Cloud based Waste-Water Management”, International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management (ICGTSTHCM 19 ) at SSBT's College of Engineering and Technology, Bambhori, Jalgaon on December 28-30, 2019
4. **Lata Gadhavi, Archana Bhavsar, Shivani Vasoya, Madhuri Bhavsar**,” Design and Development of Automated and Reliable Service Provisioning Cloud Architecture for Engineering Educational Domain” 2016 International Conference on Global Trends in Signal Processing, Information Computing and Communication (ICSPICC ),at SSBT's College of Engineering and Technology, Bambhori, Jalgaon, on 22–24 December 2016.
5. **Himanshu Dhote,, Prof. Archana Bhavsar , Dr. Madhuri Bhavsar ,”** Practice on Detecting Malware in Virtualized Environment of Cloud” 3rd International Conference on Internet of Things and Connected Technologies, at Malaviya National Institute of Technology (MNIT), Jaipur, on March 26-27, 2018
6. **Kinjal Doshi, Prof Archana Bhavsar, Dr. Madhuri Bhavsar**, “Imposing Security on Data and SLA on IAAS Cloud”, 2016 International Conference on Internet of Things and Applications (IOTA 2016) Maharashtra Institute of Technology, Pune, India 22 Jan - 24 Jan, 2016
7. **Dr. Madhuri Bhavsar, Jimesh R. Prajapati, Prof. Archana Bhavsar**, “Semantic Enabled Cloud for Compute- Intensive Applications ” 2016 International Conference on Internet of

Things and Applications (IOTA 2016) at Maharashtra Institute of Technology, Pune, India 22 Jan - 24 Jan, 2016

8. **S. H. Rajput, R. B. Sangore, Mrs. A. K. Bhavsar**, “ A Study and Review of Cost Sharing Mechanisms in Multicast Transmission”, International Conference on Global Trends in Engineering, Technology and Management (ICGTETM-2016) at SSBT's College of Engineering and Technology, Bambhori, Jalgaon, India on January 4th – 6th, 2016

#### **DETAILS OF PUBLICATIONS IN NATIONAL CONFERENCES**

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1. **Archana Bhavsar , Sakina Husain** “Information Technology for Environmental Pollution Control” in National Colloquium on Novel Approaches in Computing Technology, at Indira College of Engg. And Management, Pune on 20<sup>th</sup> -21<sup>st</sup> January 2012.
2. **Archana Bhavsar** “Revelation of formal method impending trustworthy software development” in 2<sup>nd</sup> NCCCEM 09 at KCE COE&IT, Jalgaon. Duration: 20th &21st March. 2009.

#### **WORKSHOP/STTP DETAILS**

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1. Two Week ISTE workshop on Introduction to Research Methodology organized by IIT, Bombay Duration: From 25th June to 4 July 2012.
2. One Day Workshop on syllabus framing of computer & Information Technology Engineering organized by RCPIT Shirpur Date: 8th Nov. 2012.
3. One Week ISTE-STTP on System Analysis and Design organized by Godavari College of Engineering, Jalgaon Duration: From 2nd Jan to 6th Jan. 2012.
4. One Day Workshop on syllabus detailing and exploration organized by SSVPS COE, Dhule Date: 19th Mar. 2012.
5. One Day National safety Council organized by SSBT's COET, Bambhori, Jalgaon Date: 23rd Jan. 2010.
6. Four Days STTP: Computer Networking using Linux, 17-20 Mar 2010, Godavari College of Engineering, Jalgaon.
7. Two Day ISTE workshop on *Aakash for Education* conducted by Indian Institute of Technology, Bombay during 10<sup>th</sup> to 11<sup>th</sup> November, 2012.

8. One Day Workshop on syllabus framing of ME (Computer Science & Engineering ) NMU organized by , SSBT's COET, Bambhori , Jalgaon on 15<sup>th</sup> Sept, 2009
9. Three Day's Teacher Training workshop "SHRAM SADHANA" held on 9<sup>th</sup> ,10<sup>th</sup> & 11<sup>th</sup> July, 2009 jointly organised by SSBT's COET, Bambhori, Jalgaon and Deepstamph Foundation , Jalgaon
10. ISO 9001:2008 Awareness & Auditing Practices Course organized by SSBTs COET, Bambhori, Jalgaon Date: 20th Feb. 2010.
11. National safety Council organized by SSBTs COET, Bambhori, Jalgaon Date: 23rd Jan. 2010.
12. One Day Workshop on syllabus detailing and exploration organized by SSVPS COE, Dhule Date: 19th Mar. 2012.
13. One Day Workshop on syllabus framing of computer & Information Technology Engineering organized by RCPIT Shirpur Date: 8th Nov. 2012.
14. Two Days ISTE Workshop on "Aakash for Education ", Conducted by IIT Bombay on 10<sup>th</sup> & 11<sup>th</sup> Nov, 2012
15. Three Day's Training workshop "Self Awareness and Teamwork "Organised by Computer Engineering Department From 2<sup>nd</sup> May to 4<sup>th</sup> May 2016 at SSBT's COET, Bambhori, Jalgaon
16. One week AICTE-ISTE STTP'6 under TEQIP on " WEB TECHNOLOGY" organized by IT and Computer Department SSGMCOE, Shegaon on 4<sup>th</sup> -8<sup>th</sup> 2006.
17. One week AICTE-ISTE sponsored STTP on " EMERGING TRENDS IN DIGITAL SIGNAL PROCESSING AND COMMUNICATION" organized by Department of E&TC Engineering ,from 30<sup>th</sup> march to 3<sup>rd</sup> april 2009 ,at SSBT's COET, Bambhori, Jalgaon.
18. STTP on "Computer Networking using Linux , " organized by Godavari College of Engineering, Jalgaon Duration: From 17th to 20th March 2010.
19. ISTE-STTP on" System Analysis and Design" organized by Godavari College of Engineering, Jalgaon Duration: From 2nd Jan to 6th Jan. 2012.
20. Two-Week ISTE WORKSHOP on" Introduction to Research Methodologies" conducted by IIT, Bombay from 25<sup>th</sup> June to 4<sup>th</sup> July 2012.

21. Six days industrial training on “Software Practices and Project Management ” from 4<sup>th</sup> may to 9<sup>th</sup> may 2015 at Ibrain Softways,
22. Two-Week ISTE STTP on” Introduction to Design of Algorithm” conducted by IIT, Kharagpur from 27<sup>th</sup> April to 30<sup>th</sup> May 2015.
23. TEQIP-II sponsored One week STTP on “ Mathematical Tools and Techniques for Engineering Research” conducted by Mathematical Department Government Engineering College , Sector 28, Gandhinagar from 30<sup>th</sup> may to 3<sup>rd</sup> June 2016 .
24. CCE NIRMA UNIVERSITY sponsored one week Workshop on **Big Data Analytics with Hadoop and spark Framework using Python Programming** from 26/12/2017 to 30/12/2017 at nirma university ahemdabad
25. **TEQIP –II Sponsored one week STTP on Green IoT, Computational Methodology and Automation organized by Government College of Engineering, Jalgaon from 20/03/2017 To 24/03/2017 .**
26. TEQIP phase II Sponsored one day workshop on “Paper Setting” at Government College of Engineering , Jalgaon on 23/03/2017
27. Ministry of Electronics and Information Technology(Meity) Government of India sponsored Two weeks online FDP on Machine Learning for Computer Vision from June 29 – July 8, 2020 at PDPM IIITDM, Jabalpur
28. Spoken Tutorial , IIT Bombay sponsored Online FDP on Python 3.4.3 from April 22<sup>nd</sup> to April 27<sup>th</sup> 2020 at P.R. Pote College of Engineering , Amaravati
29. L& D Technology Pvt. Ltd Pune and CSI sponsored one week FDP on Usage of Technology in Covid-19 at Terna Engineering College, Navi Mumbai from 28<sup>th</sup> may to 2<sup>nd</sup> june 2020

#### **DEPARTMENT LEVEL ACTIVITIES**

1. Head of Department.
2. Project Incharge of BE IT
3. Seminar Incharge of BE IT
4. Case Study Incharge of BE IT
5. Organized one day program TECH-THIRST (state level Event) 2012 for student.

#### **INSTITUTE LEVEL ACTIVITIES**

1. Rector Girls Hostel from 2016-2022.

2. Cultural Commit Member.
3. Sports Commit Member.
4. Member of various College Level Committees.

**UNIVERSITY LEVEL ACTIVITIES**

1. Cap Member.
2. Flying Squad member.
3. VC Nominated Subject Expert for Approval Interview.
4. Paper setter.

Dr. A. K. Bhavsar