

Curriculum Vitae

Dr. Bhawana Atul Ahire

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“Aabhas”, Plot No. 20,

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OBJECTIVE

Seeking a challenging position in Educational institute where my skills and knowledge can be best utilized in successful completion of the given tasks and be responsible to provide the team technical leadership, creativity, and judgment.

EDUCATION

Ph.D.(Computer Science & Engineering) : Savitribai Phule Pune University.

M.E.(Computer Engineering) : from Matoshri College of Engineering and Research Centre, Eklahare, Nasik (Savitribai Phule Pune University) With 7.45 CGPA.

B.E.: Information Technology (2001-2005) from Dr. D. Y. Patil Institute of Engg. and Technology, Pimpri, Pune (Pune University) With 61.53%.

H.S.C.: Jain Girl's Junior College, Chinchwad, Pune (Maharashtra Board) with 79.33%.

S.S.C.: Jain Girl's High school, Chinchwad, Pune (Maharashtra Board) with 76.66%.

ACADEMIC EXPERIENCE

MVP Samaj's KBT College of Engineering, Nashik as Assistant Professor

-Joining date 2nd August 2014 to till date.

Late G.N.Sapkal College of Engineering, Anjaneri, Nasik as Assistant Professor.

-Joining Date 16th May 2009 to 1ST August 2014.

INDUSTRY EXPERIENCE

Wipro Infotech, Pune as L1-engineer.

-Joining Date 27th Oct, 2005 To 23rd Dec, 2006.

PAPERS PUBLISHED/PRESENTED

1. Bhawana A. Ahire, Sachin R Sakhare, “Trust Computation Model for IoT devices using Soft Computing and Machine Learning Techniques for Health Care Applications”, Advances in Nonlinear Variational Inequalities, Vol. 27, Issue 3, pp 612-621. August 2024. DOI: <http://dx.doi.org/10.52783/anvi.v27.1430>.
2. Bhawana A. Ahire, Sachin R Sakhare, “Dynamic Trust Computation Model with Secure Data Transmission in IoT and WSN”, Journal of Information Technology Engineering and Management, Vol. 10, Issue 2, pp 404-419. January 2025. DOI: <https://doi.org/10.52783/jisem.v10i2.2097> [Indexing: Scopus]
3. Bhawana A. Ahire, Sachin R Sakhare, “A Comparative Analysis on Trust Management Techniques in Internet of Things (IoT)”, 20th IEEE India Council International Conference: INDICON 2023.9th and 10th January 2021, 14-17 Dec. 2023. DOI: <https://doi.org/10.1109/INDICON59947.2023.10440744> [Indexing: Scopus]
4. Bhawana A. Ahire, Sachin R Sakhare, “Multi parameter Multilevel (MPML) Based Trust Management System for Healthcare”, MEDITERRANEAN SMART CITIES CONFERENCE: MSCC-2024. 2nd – 4th May, 2024. DOI: <https://doi.org/10.1109/MSCC62288.2024.10697013> [Indexing: Scopus]
5. Bhawana A. Ahire, Dr. Sachin R. Sakhare, “Sound Prohibited Zone for Smart Cities using IoT”, IC2ST-2021.
6. Bhawana A. Ahire, Dr. Sachin R. Sakhare, “Enhanced Covid-19 treatment using Machine Learning and IoT: A Review”, IETE Journal of Research.
7. Bhawana A. Ahire, Ms. S. J. Suryawanshi, “Automation in two wheeler using sensors : A review”, National level conference on Technology, Innovation and Entrepreneurship, 22nd February, 2019.
8. Bhawana A. Ahire, Dr. Neeta A. Deshpande, “Video inpainting of objects using modified patch based image inpainting algorithm”, IEEE, March 2015, ISBN : 978-1-4799-3064-7.
9. Bhawana A. Ahire, Dr. Neeta A. Deshpande, ”Video inpainting of objects using modified Patch based techniques”, International Association of Scientific Innovation and Research(IASIR), pp 300-403, Sept- Nov 2013,ISSN:2279-0055.
10. Bhawana A. Ahire, Dr. Neeta A. Deshpande, “A review on video inpainting

- techniques”, pp 203-210, Feb 2013, Vol 4, Issue No. 1, Impact Factor: 6.1302.
11. Bhawana A. Ahire, D. Neeta A. Deshpande, “Watermarking Relational database: A Review”, IOSR Journal of Engineering, PP 78-83, June 2011, impact factor 2012, 3.12, ISSN: 09766367.

PERSONAL DETAILS

Name: Dr. Bhawana Atul Ahire
Nationality: Indian
Date of Birth: 4th May, 1984
Languages Known: English, Hindi and Marathi

I hereby declare that all the information given above is true as per my best knowledge.

Place:-

Date:-

(Dr. Bhawana A. Ahire)