

NILESH S. BHELKAR

Ph.D. CSE.

M.E. Computer Engineering, University of Mumbai

B.E. EXTC, Amravati University



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Designation : Assistant Professor in Artificial Intelligence and Data Science Department.

Experience : 23 Years

Date of Joining : 23-01-2023

Areas of Interest : Machine Learning and Data science, Embedded Systems, Computer Programming, Computer Organization and Architecture

REASEARCH PAPERS PUBLISHED IN PROCEEDINGS OF NATIONAL/INTERNATIONAL CONFERENCES/JOURNALS:

- 1) Nilesh Bhelkar, Dr. Avinash Sharma, Dr. Manoj Patil (2023). "Medicinal Plant Classification Using a Convolutional Neural Network", European Chemical Bulletin, 2023, 12(Special Issue 5), 1477-1484, ISSN 2063-5346. doi:10.48047/ecb/2023.12.si5.138.
- 2) Nilesh Bhelkar, Dr. Avinash Sharma, (2023). "Study on Identification and Classification of Medicinal Plants Using Machine Learning and Deep Learning", International Journal of Engineering Technology and Management Sciences Website: ijetms.in Issue: 3 Volume No.7 May-June,2023 DOI:10.46647/ijetms.2023.v07i03.109 ISSN: 2581-4621.
- 3) "Classification of Medicinal Plants using Leaf with Machine Learning Techniques : Review" Presented in "5th International Conference on Recent Advancements in Engineering & Technology (ICRAET -23)" organised by Institute of Engineering Research and Publication(IFERP) held on 19th and 20th May 2023, Bengaluru, India. ISBN: 978-93-92105-53-1.
- 4) "Study on Identification and Classification of Medicinal Plants Using Machine Learning and Deep Learning", presented in "Third International Conference on Advances in Engineering and Technology (ICAET-2023)" organized by RSP Conference Hub, Coimbatore, India on 27th and 28th May 2023.
- 5) Nilesh S. Bhelkar, Dr. Avinash Sharma," Identification and Classification of Medicinal plants using leaf with Deep convolutional Neural Networks", International Journal of Health Sciences, Oct 2022.
- 6) Dr. S. D. Sawarkar, N. S. Bhelkar, "Image Compression Using Wavelet Based SPIHT", ICEVD, Ahmednagar, March 2008.
- 7) N. S. Bhelkar, "RT-Linux", Frontier 2007, Pusad, Nov-2007.
- 8) N. S. Bhelkar, Y. D. Chincholkar, "Audio Watermarking", Frontier-2007, Pusad, Nov-2007.

SEMINARS/CONFERENCES/WORKSHOPS/SHORT TERM COURSES ATTENDED:

- 1) Attended 1 week National level Faculty development program on “Python” organized by Star International Foundation for Research and Education from 19th March 2024 to 25th March 2024.
- 2) Attended 1 day workshop on “Build your Own Generative AI Model” conducted by AI Expert and IIT Delhi Alumnus” on 16th March 2024.
- 3) Attended 1 week ISTE Approved STTP on “Gray Box Probing Generative AI” organized by Agnel Charities’ Fr. C. Rodrigues Institute of Technology, Navi Mumbai from 8th Jan 2024 to 13th Jan 2024.
- 4) Attended 1 week Faculty development program on “Artificial Intelligence and Machine Learning” conducted by AICTE Training and Learning Academy at VSSUT from 22nd Nov 2021 to 26th Nov2021.
- 5) Attended 3 days’ workshop on “Ultimate Success Champion” from 05th March 2021 to 07th March2021.
- 6) Attended 1 week Faculty development program on “R-programming” conducted by SKN Sinhgad College of Engineering in association with IIT Bombay, Mumbai from 30th April 2020 to 05th May2020.
- 7) Attended 1 week STTP on Disruptive Technologies S.M.A.C. & IoT at Mukesh Patel School of Technology Management &Engineering, Mumbai from 14 - 19 Dec 2015.
- 8) Successfully completed industrial training at reliance Infrastructure LTD (DTPS) Dahanu rd., Thane from 25 to 27 Sep 2014.
- 9) Attended AICTE sponsored 1 week STTP on “Emerging Trends in Project Management” at VJTI,Mumbai, from 21-25 Oct 2013.
- 10) Attended ISTE approved one week short term training program on “ICT based teaching methodology” at ISTE-YTCEM chapter (MH-211) YTCEM Mumbai, during 8th -12th July 2013.
- 11) Participated in workshop on “Institution Building, Creating an Institute of Excellence” at IIT Delhi,from 25th Oct 2012 to 28thOct 2012.
- 12) Attended the ISTE approved short term training program on” faculty Development program atYTIET, Mumbai, Nov 17-21, 2008.
- 13) Attended 2 weeks STTP on “Signal processing and Communication engineering” at D.J. Sanghavi college of Engineering, Mumbai, from 10th Dec 2007 to 20th Dec 2007.
- 14) Attended 1 week STTP on Matlab applications in Engineering” at L.T. College of Engineering, Navi Mumbai from 8th Jan 2007 to 12th Jan 2007.
- 15) Attended 1 day (1st Sep 2007) seminar on “Project Design” at TSEC.
- 16) Attended 1 week Faculty Development Program on “Develop Your Delivery” at ACE, Malad from26th Nov to 1st Dec 2007