

Name	Mr Keshav Sitaram Bhagwat					
Department	Information Technology					
Designation	Assistant Professor					
Area of Specializations	Deep Learning, Machine Learning, AI					
Date of Joining the Institute	7/7/2008					
Email Id	Keshav.bhagwat@vpkbiet.org					
Qualifications	ME Computer. Ph D (CSE) Pursuing					
Vidwan Profile						
Total Experience	Teaching	18 Years	Industry	0	Research	02 Months

Brief Profile :

Keshav has received the Bachelor's degree in Computer Engineering in the year of 2007 from Pune University. Keshav has received the Master's degree in Computer Engineering in the year 2014 from Pune University. He is currently pursuing his Ph.D Degree from Bharath Institute of Higher Education & Research, Chennai. He has total 18 years of teaching experience at undergraduate level in Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology, Baramati. Keshav has taught subjects like Software Testing Quality Assurance, IT Project Management, Software Engineering, Fundamentals of Programming Languages-I & II, Problem Solving & OOP, Green IT, OOP, Processor Architecture Interfacing, Logic Design & Computer Organization, Theory of Computation, Mobile Computing, Cyber Security, Advanced Java Programming

Research Profile:

1. Google Scholar,
<https://scholar.google.com/citations?user=FnjFpQEAAAAJ&hl=en>
2. Research Gate
3. SCOPUS
4. ORCID Profile
<https://orcid.org/my-orcid?orcid=0009-0002-4685-5541>
5. Vidwan ID
<https://vpkbiet.irins.org/profile/277499>

Patents:0

Professional Memberships: ISTE

Participation in FDP/STTP:

- 1) Two week ISTE workshop on Database Management Systems organized by IIT Bombay during 13-23 Dec 2010.
- 2) Workshop on Rational Functional Tester for Java conducted by IBM during 20th January 2012.
- 3) Workshop on Effective Research Paper Writing organized by IIT Bombay during 18-19th February 2012.
- 4) Four days workshop on Design & Analysis Algorithm conducted by IIT Bombay during 9-12 April 2013.

- 5) Workshop on Latex conducted by IIT Bombay during 21st Oct 2011.
- 6) Three days workshop during 30 Aug-1 Sept 2013 on Software Testing conducted by AIS tech.
- 7) Ten days workshop on Cyber Security conducted by IIT Bombay.
- 8) One week workshop on Introduction to Design of Algorithm during 25-30 may 2015 conducted by IIT Kharagpur.
- 9) One day state level seminar on “Advanced Algorithms” organized by VPKBIET during 12th March 2016.
- 10) Two days workshop on “Graph Theory and Its Application” conducted by VPKBIET during 4-5 March 2016.
- 11) One day FDP on “Problem Solving & Object Oriented Programming” organized by PVG COE Pune, during 8th July 2016.
- 12) One week ISTE Induction program “Synergogy” during 24-28 oct 2017 organized by VPKBIET.
- 13) One day FDP on STQA and CL-8 organized by JSPMs BSIOTR, wagholi during 14th June 2018.
- 14) Online FOP of SE IT (2019 Course) for the subject “Logic Design and Computer Organization, Logic Design and Computer Organization Laboratory” held on 30th June 2020 at BVCOE for women, pune.
- 15) Two week online FDP on "Deployment of AI & Data science in Developing Electrical Engineering applications” organized by NIT Warangal,& BIHER, Chennai during 4th August to 17th August.
- 16) Workshop on Introduction to Python Programming Conducted by the IBM ICE Team at VPKBIET. during 18th-22nd July 2023
- 17) Five Days completion of the Faculty Development Program on Advanced Machine Learning using Python with Green Technology under Skills4Future Program” organized by VPKBIET baramati. During 07th July 2025 to 11th July 2025.
- 18) 4 week NPTEL AICTE FDP on “Real Time OS” during Feb-March 2026.
- 19) 10 NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC Malaviya 20 to 29 may 2024.
- 20) Intel Unnati Train-the-Trainer workshop on Supervised Learning, Unsupervised Learning, Deep Learning, Intel® DevCloud held at the Intel® Unnati Lab from 21st to 25th February, 2024.
- 21) Wipro Talent Next Training program on Java Full Stack conducted by Talent Next 24 june to 12 july 2024.
- 22) One Week Online Faculty Development Program titled “Quantum Computing in Artificial Intelligence and Machine Learning Using Qiskit” organized by Department of CSE-AI&ML/AI&DS, GMR Institute of Technology, Rajam and the Department of Information Technology and Computer Applications, Andhra University College of Engineering from 03rd – 07th March 2025.

Paper Published:

- 1) Bhagwat K.S., Patil P.M., “**Multimodal Biometrics and its Fusion Strategies: A Survey**”, International Conference **TEICC-2012**, dec 27-28, Bikaner, Rajasthan.
- 2) Bhagwat K.S., Patil P.M., “**Face Authentication Using Fusion of 3D Shape & Texture**”, cPGCON-2013, March 29-30, PICT, Pune.
- 3) Bhagwat K.S., Patil P.M., “**Face Authentication Using Fusion of 3D Shape & Texture**”, IEEE International Conference on ICAETR-2014, Aug 1-2, Unnao, Kanpur, Uttar Pradesh.
- 4) Bagawade R., Bhagwat K.S., Patil P.M., “**Wavelet Transform Techniques for Image Resolution Enhancement: A study**”, International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459, Volume 2, Issue 4, April 2012.
- 5) Shinde S. Bhagwat K., “**Patient-Centric Medical Information System Based on Web Services for Tuberculosis Control in India**”, IEEE International Conf ITAIC 2011, Chingqong, China.

- 6) Bhagwat Keshav S, Shubhangi Zagade.,**"Developing Robot Behavior as Travel Agent for: Social Interaction"**, International Journal for Scientific Research & Development. Vol 9 Issue 1, 2021 ISSN (online): 2321-0613
- 7) Mr. Bhagwat K.S, Chetana Balip, **"Nutrient Content Estimation in Agricultural Automation"**, International Journal of Research in Engineering, Science and Management Volume-3, Issue-5, May-2020.
- 8) Keshav Bhagwat; Dr. D. R. Thirupurasundari, **"Nodule classification using its malignancy and benign in lung cancer prediction: A survey"**, 1st International Conference On Recent Advancements In Computing Technologies & Engineering 29–30 December 2023 Ghaziabad, India.
- 9) Keshav Bhagwat, Dr. D. R. Thirupurasundari, **"Performance Comparison of Deep Learning Methods for Lung Nodule Benign and Malignancy Classification"**, IEEE 1th International Conference on Computing for Sustainable Global Development (INDIACom) 2024.
- 10) Keshav Bhagwat, N.M. Chavan, S.A. Date, M.S. Aher, **"Real-Time Noise Monitoring With IOT: Enhancing Urban Acoustic Environment"**, in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 06, Issue 11, November 2024.
- 11) Keshav S Bhagwat, Siddhi shelke **"Deep Learning Model for Instrument Detection in Medical Surgeries and Avoiding Mistakes"** International Research Journal on Advanced Engineering Hub (IRJAEH), 5 may 2025.
- 12) Bhagwat K.S, S Bidve, S Jadhav, M Bhosale, S Suryawanshi, **"A Comprehensive Survey of Deep Learning for Pest and Damage Detection in Smart Agriculture: From YOLOv5 to Hybrid Vision-Transformer Models"** International Journal of Scientific Research in Engineering and Management , Volume 10, Issue 5, May 2026.
- 13) Keshav Bhagwat , Shubham Suwarnakar. Kanhere Tejas,**"Deep Learning Based Detection of Violent Scenes in Cartoon Movies"** International Journal of Scientific Research in Engineering and Management (IJSREM), vol-10, ISSN 2582-3930, Year 2026.
- 14) Keshav S Bhagwat, Dr D. R. Thirupurasundari, **"Concatenation of VGG16 and LSTM models in Lung Nodule Malignancy Classification"** , 3rd International conference on Advances in Engineering & medical sciences 2026 held on 17,18 April, International School of technology & Sciences for women, India.
- 15) Keshav S Bhagwat, Bidve Sakshi, Jadhav Shreya, Bhosale Mansi,**"Smart Farming : Fast Detection of Insect Pests and Crop Damage in Cruciferous Crops Using YOLOv8"** in 2026 2nd International Conference on Electronics and Computing, Communication Networking Automation Technologies (ICEC2NT) organized by DY Patil College of Engineering, Pune.

As a resource person in FDP/STTP

Certifications

FDP/STTP Organized

Internship/Training/Collaboration with Industry

Awards & Recognition

Grants Fetched