

DR. VISHAL BANSI WAGHMARE

Assistant Professor & Head, Department of Computer Science

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

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PROFILE SUMMARY

Computer Science academician with 10.3 years of regular teaching and 16 years of research experience, currently serving as Head, Department of Computer Science, Vivekanand College, Kolhapur. Specializes in Human–Computer Interaction, Speech & Audio Signal Processing, Brain–Computer Interfacing and Biomedical Engineering. Recognized Ph.D. Research Guide and PG Teacher of Shivaji University, Kolhapur, with 32 publications (446 citations, h-index 10), 1 granted patent, and sustained involvement in academic governance, curriculum design, and institutional administration under the NEP 2020 framework.

EXPERIENCE

10.3 years of regular teaching experience and 16 years of research experience.

Positions Held (in chronological order)

Position Held	Organisation	Period	Nature of Work
Assistant Professor & Head	Dept. of Computer Science, Shri Swami Vivekanand Shikshan Sanstha's, Vivekanand College, Kolhapur	15/06/2016 – till date (Regular/Granted)	Teaching, Research & Academic Administration (UG)
Assistant Professor	Swami Ramanand Teerth Marathwada University's, New Model Degree College, Hingoli	18/12/2015 – 30/04/2016 (Contractual)	Teaching & Research (UG)
Contributory Teacher	Dept. of Computer Science & IT, Dr. B. A. M. University, Aurangabad	01/07/2009 – 30/04/2015 (CHB)	Teaching & Research (PG)

EDUCATIONAL QUALIFICATION

Ph.D. (Computer Science) — Awarded 12 June 2015

Department of Computer Science & Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (Maharashtra)

M.Sc. (Computer Science) — GPA 8.05, First Division with 'A' Grade, 2008

Department of Computer Science & Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (Maharashtra)

B.Sc. (Computer Science) — First Division with 65.91%, 2006

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra (Yogeshwari Mahavidyalaya, Ambajogai, Dist. Beed)

AREAS OF INTEREST

Human–Computer Interaction: Speech and Audio Signal Processing, Brain–Computer Interfacing (BCI), Biomedical Engineering.

ADMINISTRATIVE & INSTITUTIONAL RESPONSIBILITIES

Position Held	Organisation	Period	Nature of Work
Deputy Controller of Examination	Vivekanand College, Kolhapur	2020-21 – till date	Autonomous College Examination Management
Coordinator	Vivekanand College, Kolhapur	2022-23 – 2024-25	M.Sc. (Computer Science)
MIS Incharge	Vivekanand College, Kolhapur	2020-21 – till date	Software / IT Co-ordination

Position Held	Organisation	Period	Nature of Work
Chairman	Vivekanand College, Kolhapur	2018-19 – till date	Board of Studies (BOS) in Computer Science
Member	Vivekanand College, Kolhapur	2018-19 – till date	Academic Council (VCK Autonomy)
Member	Shivaji University, Kolhapur	2017-18 – till date	Board of Studies (B.Sc. CS, IT)
Member	SGM College, Karad	2024-25 – till date	Board of Studies (B.Sc. CS)
Member	KBP University, Satara	2024-25 – till date	RAC Committee (CS)
Member	Solapur University, Solapur	2019-20	Board of Studies (MCA)
Member	Vivekanand College, Kolhapur	2020 – till date	Editorial Board, Vivek Research Journal
Member	Vivekanand College, Kolhapur	2018-21	NAAC Steering Committee
Member	Solapur University, Solapur	2018-19	Paper Setting for M.Sc.
College Coordinator	Indian Institute of Remote Sensing, ISRO Dehradun, Govt. of India	25/10/2016 – till date	Distance Learning Programme
Chairman	Vivekanand College, Kolhapur	2017-18 – till date	B.Sc. I Year Admission Committee
Chairman	Vivekanand College, Kolhapur	2016 – till date	Avishkaar Committee (Engineering & Technology)

PROFESSIONAL MEMBERSHIPS

Organisation	Membership No.
Member, IEEE, New York (USA)	92199369
Life Member, Indian Science Congress Association (ISCA), Kolkata	L18871
Life Member, Computer Society of India (CSI)	2010000728
Life Member, Indian Institution of Electronics & Telecommunication Engineers (IETE), New Delhi	M501976
Senior Member, International Association of Computer Science & Information Technology (IACSIT), Singapore	80348770
Life Member, Computer Science Teachers Association (ACM-CSTA), New York, USA	8706398
Life Member, International Association of Engineers (IAENG), Hong Kong – Society of AI & Society of Computer Science	110685
Life Member, The Institution of Engineering and Technology (IET)	1100196722
Senior Member, International Economics Development and Research Center (IEDRC), China	30080439
Life Member, Shivaji University Teachers Association (SUTA)	—

RESEARCH PROFILE

Source: Google Scholar & ResearchGate profiles (checked September 2026)

32 Publications	446 Citations (Scholar)	10 h-index	11 i10-index	382 Citations (RG)	63,946 Reads (RG)
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Patent (01)

- Patent No. 2021102973 – “A System for Assessing Symptomatic Risk, Diagnosis and Classification of Diabetes”, Bio-medical Engineering (Australian Patent **GRANTED** on 27 Oct 2021).

PUBLICATIONS

Papers Published in National / International Journals (20)

1. P.N. Deorukhakar, V.B. Waghmare, I.K. Mujawar, R.Y. Patil, "Speech Recognition for People with Disfluency: A Review", *International Journal of Computer Applications* 185(4):25–30, April 2023.
2. Rajashree Y. Patil, Sampada Gulvani, Vishal B. Waghmare, Irfan K. Mujawar, "Image based anthracnose and red-rust leaf disease detection using deep learning", *TELKOMNIKA Telecommunication, Computing, Electronics and Control*, Vol. 20, No. 6, Dec 2022, ISSN 1693-6930, e-ISSN 2302-9293 (Scopus, IF 1.718).
3. Rajashree Patil, Sampada Gulavani, Vishal Waghmare, Irfan Mujawar, "Detection of Leaf Disease using Residual Neural Network", *International Journal of Mechanical Engineering*, Vol. 7, No. 2, Feb 2022, ISSN 0974-5823 (Scopus, IF 2.1).
4. V.B. Waghmare, R.R. Deshmukh, G.B. Janvale, "Emotion Recognition System from Spoken Marathi Speech using LPC and PCA Technique", Chapter in Springer-Nature, *New Trends in Computational Vision and Bio-inspired Computing*, 28 Sep 2020, pp. 81–88 (Scopus).
5. V.L. Badadare, R.Y. Patil, V.B. Waghmare, "Cyber Security Need of Digital Era: A Review", *International Journal of Computer Applications (IJCA)*, Vol. 182, Oct 2018, ISSN 0975-8887.
6. Swapnil D. Waghmare, Ratnadeep R. Deshmukh, Pukhraj P. Shrishrimal, Vishal B. Waghmare, Ganesh B. Janvale, "Stuttered Isolated Spoken Marathi Speech Recognition by using MFCC and LPC", *IJIET*, Vol. 8, Issue 3, June 2017, ISSN 2319-1058.
7. Swapnil D. Waghmare, Ratnadeep R. Deshmukh, Pukhraj P. Shrishrimal, Vishal B. Waghmare, Ganesh B. Janvale, Babasaheb Sonawane, "A Comparative Study of Recognition Technique Used for Development of Automatic Stuttered Speech Dysfluency Recognition System", *Indian Journal of Science and Technology*, Vol. 10(21), June 2017, ISSN 0974-6846.
8. S.S. Thorat, K.V. Kale, S.C. Mehrotra, Y.D. Rajendra, V.B. Waghmare, "Rule base Knowledge and Fuzzy Approach for Classification of Specific Crop and Acreage Estimation", *IJCA*, Vol. 165, No. 6, pp. 38–47, May 2017.
9. Rani P. Gadhe, Shaikh Nilofer R.A., V.B. Waghmare, P.P. Shrishrimal, R.R. Deshmukh, "Emotion Recognition from Speech: A Survey", *IJSER*, Vol. 6, Issue 4, pp. 632–635, April 2015, ISSN 2229-5518.
10. Shaikh Nilofer R.A., Rani P. Gadhe, R.R. Deshmukh, V.B. Waghmare, P.P. Shrishrimal, "Automatic Emotion Recognition from Speech Signals: A Review", *IJSER*, Vol. 6, Issue 4, pp. 636–639, April 2015, ISSN 2229-5518.
11. Pratik K. Kurzekar, Ratnadeep R. Deshmukh, Vishal B. Waghmare, Pukhraj P. Shrishrimal, "Continuous Speech Recognition System: A Review", *AJCSIT*, Vol. 4, No. 6, June 2014, pp. 62–66, ISSN 2249-5126.
12. Pukhraj P. Shrishrimal, Ratnadeep R. Deshmukh, Vishal B. Waghmare, "Marathi Isolated Words Speech Database for Agriculture Purpose", *IJEIR*, Vol. 3, Issue 3, May 2014, pp. 448–453, ISSN 2277-5668, IF 3.121.
13. V.B. Waghmare, R.R. Deshmukh, P.P. Shrishrimal, G.B. Janvale, "Development of Isolated Marathi Words Emotional Speech Database", *IJCA*, Vol. 94, No. 4, May 2014, pp. 19–22, IF 0.821.
14. Yogesh W. Wanjari, Dipali B. Gaikwad, Vishal B. Waghmare, "A Survey of Data Extraction Techniques", *IJRCSIT*, Vol. 2, Issue II, pp. 115–119, Feb 2014, ISSN 2319-5010.
15. Ganesh Janvale, Vishal B. Waghmare, Vijay Kale, Ajit Ghodke, "Recognition of Marathi Isolated Spoken Words Using Interpolation and DTW Techniques", *ICT and Critical Infrastructure: Proc. 48th Annual Convention of CSI – Vol. I, AISC (Springer) Vol. 248*, 2014, pp. 21–29 (Scopus).
16. Aaron M. Oirere, Vishal B. Waghmare, Ratnadeep R. Deshmukh, P. Shrishrimal, "Swahili Text and Speech Corpus: A Review", *AJCSIT*, Vol. 2, No. 11, Issue 6, pp. 286–90, ISSN 2249-5126, IF 3.11.
17. Pukhraj P. Shrishrimal, Ratnadeep R. Deshmukh, Vishal B. Waghmare, "Development of Isolated Words Speech Database of Marathi words for Agriculture Purpose", *AJCSIT*, Vol. 4, Issue 6, pp. 1236–40, ISSN 2249-5126, IF 3.11.
18. Pukhraj P. Shrishrimal, Ratnadeep R. Deshmukh, Vishal B. Waghmare, "Indian Language Speech Database: A Review", *IJCA*, Vol. 47, No. 5, June 2012, pp. 17–21, ISSN 0975-8888, IF 0.86.
19. Vishal B. Waghmare, Ratnadeep R. Deshmukh, Pukhraj P. Shrishrimal, "A Comparative Study of the Various Emotional Speech Databases", *IJCSE*, Vol. 4, Issue 6, June 2012, pp. 1236–40, ISSN 0975-3397, IF 0.36.
20. Ganesh Janvale, Aaron M. Oirere, Vishal Waghmare, Ratnadeep Deshmukh, "Designing of New Proposed Technique for Lie Detection using EEG Signals", *Elsevier International Journal of Pharma & Bio Sciences (IJPBS)*, 4 March 2010, ISSN 0975-6299.

Papers Presented & Published in National / International Conferences (17)

1. P.N. Deorukhakar, V.B. Waghmare, I.K. Mujawar, R.Y. Patil, "Design and Development of Artificial Stuttered Speech Corpora", *ICT for Intelligent Systems, Proc. ICTIS 2026*, Vol. 1, Bangkok, Thailand, 09–11 April 2026 (Scopus).
2. V.B. Waghmare, R.Y. Patil, I.K. Mujawar, S.K. Kumbhar, P.A. Mali, "Web based System for Automatic Mappings of CO's, PO's and PSO's", *ICIST-2026*, Smt. Kasturbai Walchand College, Sangli, 9–10 Jan 2026.

3. I.K. Mujawar, B.T. Jadhav, V.B. Waghmare, R.Y. Patil, "Development of diabetes diagnosis system with artificial neural network and open source environment", IEEE ESCI, Pune, 2021, pp. 477–482 (Scopus).
4. I.K. Mujawar, V.B. Waghmare, R.Y. Patil, B.T. Jadhav, "Online Approach for Diabetes Diagnosis and Classification with Expert System Modules using Fuzzy Logic", IEEE PuneCon 2019, MITCOE, Pune, 18–20 Dec 2019 (Scopus).
5. R.R. Deshmukh, S.D. Waghmare, V. Nayak, V.J. Patil, V.B. Waghmare, "Design and Development of Stuttered and Autism Spectrum Disorder Speech Database for Marathi Language", 22nd Oriental COCOSDA, University of San Carlos, Cebu, Philippines, 25–27 Oct 2019.
6. P.P. Shrishrimal, R.R. Deshmukh, V.B. Waghmare, Sushma Borade, Pooja Janse, G.B. Janvale, "Development of Marathi Language Speech Database from Marathwada Region", 18th Oriental COCOSDA/CASLRE, Shanghai Jiao Tong University, China, 28–30 Oct 2015, IEEE.
7. Pukhraj Shrishrimal, Ratnadeep Deshmukh, Vishal Waghmare, "Multimedia Data Mining – A Review", RTCST-2014 (Pravaraedumeet-14), Padmashri Vikhe Patil College, Loni, 21–22 Feb 2014, Elsevier, ISBN 978-81-910691-7-8.
8. Vishal Waghmare, Ratnadeep Deshmukh, Pukhraj Shrishrimal, Ganesh Janvale, "Emotion Recognition System from Artificial Marathi Speech using MFCC and LDA Techniques", CNC-2014, Chennai, 21–22 Feb 2014, Elsevier, ISBN 978-81-910691-7-8 (Scopus).
9. Vishal Waghmare, Ratnadeep Deshmukh, "Development of Artificial Marathi Emotional Speech Database", 101st Indian Science Congress, University of Jammu, 3–7 Feb 2014.
10. Pooja Janse, Ratnadeep Deshmukh, Vishal Waghmare, "Design and Development of Speech Database for Travel Purpose", Intl. Conf. on Recent Advances in Statistics & Applications / 33rd ISPS Convention, Dr. B.A.M. University, Aurangabad, 26–28 Dec 2013.
11. Aaron M. Oirere, Ratnadeep Deshmukh, Pukhraj Shrishrimal, Vishal Waghmare, "Automatic Speech Recognition and its Applications", Intl. Conf. on Interface of Information Technology, Ahmednagar, 23–25 Sep 2013.
12. Vishal Waghmare, Pukhraj Shrishrimal, Ratnadeep Deshmukh, "Usage of Computer in Higher Education and R&D", Intl. Conf. on Current Issues in Education & Social Sciences, Deogiri College, Aurangabad, 25–26 May 2013.
13. Aaron M. Oirere, Vishal Waghmare, Ganesh Janvale, Ratnadeep Deshmukh, "Designing and Development of Speech Database – The Technical Review", IEEE ICKE-2011, Dr. B.A.M. University, Aurangabad, 29–31 Jan 2011, ISBN 978-81-8487-123-4.
14. Pukhraj Shrishrimal, Sunil Khillare, V.B. Waghmare, C. Namrata, R.R. Deshmukh, "Credit Card Fraud Detection", IEEE ICKE-2011, Aurangabad, 29–31 Jan 2011, ISBN 978-81-8487-123-4.
15. S.T. Kendre, G.B. Janvale, V.B. Waghmare, "Diagnosis of Epilepsy and Alzheimer's Diseases using EEG – a Clinical Review", IEEE ICKE-2011, Aurangabad, 29–31 Jan 2011, ISBN 978-81-8487-123-4.
16. V.B. Waghmare, S.N. Deshmukh, R.R. Deshmukh, "Bluetooth and Wi-Fi Coexistence Issues and Solutions – Review", IEEE WIRCON, L&T Institute of Technology, Powai, Mumbai, 30–31 Oct 2009.
17. V.B. Waghmare, S.N. Deshmukh, R.R. Deshmukh, "ZigBee: Wireless Technology for Low-Power Sensor Networks – A Review", NCRT-2010, SSVP's Bapusaheb S Deore College of Engineering, Dhule, 19–20 Feb 2010.

WORKSHOPS / SEMINARS / CONFERENCES / SHORT-TERM COURSES ATTENDED (37)

1. UGC Sponsored Two-Week Refresher Course, "Use of Artificial Intelligence in Higher Education", Malaviya Mission Teacher Training Centre, Central University of Haryana, 09–21 Dec 2024 (A+ Grade).
2. Two-Week Refresher Course in "Computer Science", Ramanujan College, University of Delhi, 13–27 March 2023 (A+ Grade).
3. Refresher Course on Teacher and Teaching in Higher Education, Savitribai Phule Pune University, 16 Feb 2020 ('B' Grade).
4. One-Week Training Programme on "Data Science with AIML", Vivekanand College, Kolhapur with AMZ Automotive, 16–22 Dec 2019.
5. One-Day FDP on "Use of Modern Technology in Teaching Pedagogy", IQAC & Dept. of Electronics, Vivekanand College, Kolhapur, 15 Dec 2019.
6. FDP on Cyber Security, Shivaji University, Kolhapur (PMMMNMTT), 1–7 July 2019.
7. One-Day Workshop on "Framing and Executing Learning Outcomes", IQAC, Vivekanand College, Kolhapur, 30 June 2019.
8. NAAC Sponsored National Seminar on "Development of Quality Culture in HEI's", IQAC, Vivekanand College, Kolhapur, 15 March 2019.
9. National Workshop on "Understanding the Three-Forth of the Earth (Ocean)", Dept. of Geography, Vivekanand College with NIO, Goa, 13 Oct 2018.
10. Training on IT Policies, Guidelines and Standards for e-Governance, YASHADA, Pune, 06–08 Aug 2018.
11. 9th Higher Education Forum (HEF) Annual Convention, P'IT Campus, Hinjewadi, Pune, 10 March 2018.

12. One-Day Workshop on “How to Face the UGC Verification Committee for Autonomy”, Vivekanand College, Kolhapur, 1 Dec 2017.
13. Indian Science Congress Conference on Science and Technology for Human Development, Mumbai University, 3–7 Jan 2015.
14. Pre-Science Congress Conference on Science and Technology for Human Development, Dr. B.A.M. University, Aurangabad, 30–31 Dec 2014.
15. National Workshop on Emerging Trends in GeoSpatial Technology for Smart City, Dr. B.A.M. University, Aurangabad, 19–20 Sep 2014.
16. Workshop on Hadoop Technology, Computer Club, Dr. B.A.M. University, Aurangabad, 22–23 March 2014.
17. 101st Indian Science Congress (ISCA-2014), University of Jammu, 3–7 Feb 2014.
18. State Level Workshop on “Digital Signal and Image Processing (DSIP-2013)”, SRTMU Sub-Centre, Latur, 15 Oct 2013.
19. Workshop on “e-Governance”, Dr. B.A.M. University, Aurangabad, 30 July 2013.
20. ISTE Sponsored Short Term Course on Soft Computing, JNEC, Aurangabad, 29 July–02 Aug 2013.
21. IETE Sponsored Workshop on Microcontrollers and its Applications, Maulana Azad College, Aurangabad, 05–06 July 2013.
22. Winter School on Speech & Audio Processing (WiSSAP-2013), IIT Madras, 22–25 Feb 2013.
23. Workshop on “Integrating GeoSpatial Technology with e-Governance of an Indian District”, Dr. B.A.M. University, Aurangabad, 19 Jan 2013.
24. 100th Indian Science Congress (ISCA-2013), Calcutta University, Kolkata, 3–7 Jan 2013.
25. 5-Day Workshop on Automatic Speech Recognition (ASR-12), Osmania University, Hyderabad, 7–11 Nov 2012.
26. Winter School on Speech & Audio Processing (WiSSAP-2012), IISc Bangalore, 06–09 Jan 2012.
27. Workshop on Speech Signal Processing and Coding (TEQIP Phase-II), NIT Warangal, 19–21 Dec 2011.
28. Workshop on Image and Speech Processing (WISP-2011), IIIT Hyderabad, 17 Dec 2011.
29. National Workshop on Automatic Speech Recognition (WoASR-2011), Dr. B.A.M. University, Aurangabad, 13–15 Oct 2011.
30. Workshop on Open-Source Quantum GIS, IETE Aurangabad Centre, Dr. B.A.M. University, Aurangabad, 3 Sep 2011.
31. 14th National Conference on e-Governance, Aurangabad, 10–11 Feb 2011.
32. International Conference on Knowledge Engineering (ICKE-2011), Dr. B.A.M. University, Aurangabad, 29–31 Jan 2011.
33. National Workshop on Data Warehousing and Data Mining (NWDWDM-2010), Dr. B.A.M. University, Aurangabad, 25–27 Feb 2010.
34. Advances in Computer Vision and Information Technology (ACVIT-2009), Dr. B.A.M. University, Aurangabad, 16–19 Dec 2009.
35. AVISHKAR-2008 Inter-Collegiate Research Festival, Dr. B.A.M. University, Aurangabad, 2 Dec 2008.
36. International Conference on Microwaves & Optoelectronics (ICMO-2007), Dr. B.A.M. University, Aurangabad, 17–20 Dec 2007.
37. Advances in Computer Vision and Information Technology (ACVIT-2007), Dr. B.A.M. University, Aurangabad, 28–30 Nov 2007.

REVIEWER – NATIONAL / INTERNATIONAL JOURNALS & CONFERENCES (10)

1. Member, Technical Programme Committee, International Conference on Machine Intelligence and Data Analytics 2024 (ICAMIDA 2024), MGM University, 18–19 Oct 2024.
2. Reviewer, Bulletin of Electrical Engineering and Informatics (BEEI), Scopus/Elsevier indexed, ISSN 2089-3191, e-ISSN 2302-9285, Universitas Ahmad Dahlan with IAES Indonesia Section.
3. Reviewer, 2nd International Conference and Workshop on Telecommunication, Computing, Electrical, Electronics and Control (ICW-TELKOMNIKA-2019), Yogyakarta, Indonesia, 19–22 Nov 2019.
4. Reviewer, 23rd World Multi-Conference on Systemics, Cybernetics and Informatics (WMSCI 2019), Orlando, Florida, USA, 6–9 July 2019.
5. Reviewer, Springer International Conference on Recent Trends in Image Processing & Pattern Recognition (RTIP2R), 21–22 Dec 2018.
6. Member, Reviewers' Committee, International Forum of Engineers & Practitioners (FENP), UK.
7. Reviewer, IEEE Sponsored International Conference on Intelligent Systems and Information Management, 05–06 Oct 2017 (IEEE Conference ID: 39830).

8. Reviewer, International Conference on Recent Advances in Computer Science, Engineering and Technology, 2–4 Feb 2017.
9. Reviewer, 2nd International Conference on Cognitive Knowledge Engineering (ICKE2016), 21–23 Dec 2016.
10. Reviewer, Elsevier International Journal of Electrical Power and Energy Systems (IJPES), ISSN 0142-0615.

CONFERENCE / WORKSHOP ORGANIZING COMMITTEES (14)

- 3rd International Conference on “Data Science and Big Data Analytics”, Sri Aurobindo Institute of Technology, Indore with ACM Indore Chapter, 16–17 June 2023 – Member, Programme Committee.
- Online Training Course on “Geoprocessing using Python”, IIRS/ISRO, 22–26 July 2019 – Co-ordinator, Vivekanand College, Kolhapur.
- Two-Day Workshop on “e-Content Development for Enhancing Pedagogical Skills”, 18–19 March 2019 – Co-ordinator, Vivekanand College, Kolhapur.
- One-Day International Multidisciplinary Seminar on “Emerging Movements and Trends in Humanities and Sciences”, Vivekanand College, Kolhapur, 22 Sep 2017 – Member, Organizing Committee.
- Poster Presentation on “Literacy in Digital India”, Fortnight on Literacy in Digital World, 15 Sep 2017 – Co-ordinator, Vivekanand College, Kolhapur.
- National Workshop on Popularization of Remote Sensing Based Maps and Geospatial Information (ISRS & ISRO), 11 Aug 2017 – Co-ordinator, Vivekanand College, Kolhapur.
- University Level Avishkar (ULA-2014), Dr. B.A.M. University, Aurangabad, 24–25 Nov 2014 – Member, Publication Committee.
- National Workshop on Emerging Trends in GeoSpatial Technology for Smart City, Dr. B.A.M. University, Aurangabad, 19–20 Sep 2014 – Member, Publication Committee.
- National Workshop on Microwave Remote Sensing, Dr. B.A.M. University, Aurangabad, 22–24 Jan 2014 – Member, Web & Support Committee.
- International Conference on Recent Advances in Statistics and their Applications / 33rd ISPS Convention, Dr. B.A.M. University, Aurangabad, 26–28 Dec 2013 – Member, Technical Support Committee.
- AICTE Sponsored FDP on Machine Learning and Data Mining Approaches, College of Engineering, Pune, 28 March–06 April 2013 – Member, Support Committee.
- National Workshop on Automatic Speech Recognition (WoASR-2011), Dr. B.A.M. University, Aurangabad, 13–15 Oct 2011 – Member, Web Committee & Chairman, Support Committee.
- International Conference on Knowledge Engineering (ICKE-2011), Dr. B.A.M. University, Aurangabad, 29–31 Jan 2011 – Chairman, Web Committee & Member, Co-ordination Committee.
- National Workshop on Data Warehousing and Data Mining (NWDWDM-2010), Dr. B.A.M. University, Aurangabad, 25–27 Feb 2010 – Chairman, Web Committee & Member, Co-ordination Committee.

ONGOING AND COMPLETED RESEARCH PROJECTS

Title	Funding Agency (Scheme)	Duration	Amount Mobilised	Status
Design and Development of the Tool for Confirmation of Biomolecules	Research Sensitization Scheme, Shivaji University, Kolhapur	Jul 2017 – Feb 2018	Rs. 10,000/-	Completed
Development of Marathi Emotional Speech Database for Kolhapur Region	Research Initiation Scheme, Shivaji University, Kolhapur	Apr 2018 – Mar 2020	Rs. 50,000/-	Completed
Study of Seizure Occurrence using Brain Signals	Research Seed Money Scheme, Vivekanand College, Kolhapur	Nov 2025 – till date	Rs. 1,00,000/-	Ongoing

PH.D. STUDENTS (SHIVAJI UNIVERSITY, KOLHAPUR)

Name of Research Student	Topic	Status
Mr. Prasad N. Deorukhakar	Stuttering Speech Recognition using Machine Learning	Working (JRF–Mahajyoti Fellow), Since 01-01-2023
Miss. Vrushali S. Mane	Design and Development of Deep Learning Model for Predicting Liver Disease Progression	Working (JRF–Mahajyoti Fellow), Since 01-01-2023
Ms. Samrin Z. Mullani	Sentiment Analysis of Images using Machine Learning	Working, Since 30-09-2024

Name of Research Student	Topic	Status
Mr. Mahesh P. Patil	Predictive Modelling of Seizure Occurrence using EEG	Working, Since 01-03-2025

INVITED TALKS / RESOURCE PERSON

- Invited talk on “Advanced Linux”, S. B. Khade College, Koparde, 20 Jan 2026.
- Resource Person, Lead College Workshop on “Use of AI Tools in NAAC Binary Accreditation”, Shikshanmaharshi Bapuji Salunkhe Mahavidyalaya, Karad, 18 Jan 2025.
- Invited talk on “Cyber Security”, Power Grid Corporation of India Ltd., GIS Substation, Kolhapur, 21 Oct 2024.
- Invited talk on “Blog Writing Techniques”, Dept. of Hindi, Vivekanand College, Kolhapur, 27 May 2022.
- Resource Person, Faculty Training Workshop on “Online Feedback System”, Kakasaheb Chavan College, Talmavale, 21 Nov 2019.
- Invited talk on “E-Content Development”, Online FDP: Technical Skill Enhancement, Toshniwal Arts, Commerce and Science College, Sengaon Hingoli, 05–10 May 2020.

AWARDS / HONOURS & RECOGNITION

- Recognized Research Guide for M.Phil., Ph.D., Shivaji University, Kolhapur (from 2022).
- Recognized Post Graduate (PG) Teacher, Shivaji University, Kolhapur (from 2018).
- UGC – Rajiv Gandhi National Fellowship, Junior and Senior Research Fellow during Ph.D. work (2010–2015).

EVALUATION OF DISSERTATIONS – PH.D. / M.PHIL. / M.TECH. / M.SC. (VARIOUS UNIVERSITIES)

- Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS), India
- Swami Ramanand Teerth Marathwada University, Nanded (MS), India
- MGM University, Chhatrapati Sambhajnagar (Aurangabad) (MS), India
- Ajeenkya D. Y. Patil University, Pune (MS), India

REFERENCES

1. Prof. Dr. R. K. Kamat (Vice Chancellor), Shivaji University, Kolhapur (Maharashtra)

Ph: 0231-2609204 Email: raj_kamat@yahoo.com

2. Prof. Dr. R. R. Deshmukh (Professor), Adjunct Professor & Former Head, Dept. of Computer Science & IT, Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajnagar (Maharashtra)

Ph: +91-9423147466 Email: rrdeshmukh.csit@bamu.ac.in

PERSONAL DETAILS

Field	Details
Name	Vishal Bansi Waghmare
Languages Known	English, Hindi, Marathi
Permanent Address	“Takshashila”, 4, Vidyut Nagar, Morewadi, Post: Sadar Bazaar, Ambajogai – 431517, Dist. Beed (MS), India
Other Information	PET Examination passed in Dec 2010, conducted by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS)

DECLARATION

I hereby state that the above given information is true to the best of my knowledge & belief. If found false, I am liable to face the consequences as predefined by the deciding authorities.

Place: Kolhapur

Date:

(Dr. Vishal Bansi Waghmare)