

Faculty Profile

Name : DR. MUKTI EKNATHRAO JADHAV
Designation : Assistant Professor
College : Shri Shivaji Science & Arts College, Chikhli
Address (residential) : AH1/41, Thakre Nagar,
CIDCO, N2, Aurangabad
Phone No. /Cell No. : 9921274072
E-mail address : muktijadhav@gmail.com
Department : Computer Science
Nationality : Indian
Area of specialization : Digital Image Processing, Neural Network, Pattern Recognition
Academic Qualification Details :



Examination passed	College/ Institute	Board/ University	Subject / Special ization	Year of passing	Division/ Grade
S.S.C.	Sarda Kanya Mandir, Nashik	State Board of Higher Secondary, Nashik Board	General	1990	I
H.S.S.C. (10+2)	K.T.H.M College Nashik	State Board of Higher Secondary, Nashik Board	General Science	1992	II
B.Sc.	K.T.H.M College Nashik	Poona University	General Science	1995	II
PGDCA	Vivekanand Arts Sardar Dalipsingh Commerce & Science College Aurangabad	Dr.Babasaheb Ambedkar Marathwada University, Aurangabad	Computer Application	1996	I
M.Sc.	Vivekanand Arts Sardar Dalipsingh Commerce & Science College Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Computer Science	1998	I
M. Phil	IMTR Aurangabad	Yashwantrao Chavan Maharashtra Open University, Nashik	Computer Science	2008	I
Ph.D.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Computer Science	2013	Awarded

Experience:

Name of Employer	Type of Service	Designation	Nature of Post	From-To	Pay scale	Approval date
Shri Shivaji Education Society Amravatis Shri Shivaji Science And Arts College Chikhli Dist. Buldana	UG Teacher	Assistant Professor	Permanent	21-09-2019 To Till date	68900-205500	Date - 06/12/2019 Number - SGBAU/8/C-2255/2019
Gramaudyogik Shikshan Mandals Marathwada Institute of Technology, CIDCO, Aurangabad	Administrative	Principal	Permanent	03-01-2014 to 20-09-2019	Consolidated	Date - 18/09/2014 Ref. No. ACAD/AFFIL/Approval/YSS / 2014-15/27404-07
Gramaudyogik Shikshan Mandals Marathwada Institute of Technology, Satara Village Rd. Aurangabad	PG Teacher	Assistant Professor	Ad-Hoc	02-08-2013 to 02-01-2014	Consolidated	--
Maratha Shikshan Sansthas Institute of Management Studies And Information Technology, Aurangabad	PG Teacher	Assistant Professor	Permanent	07-06-2010 to 27-06-2013	15600-39100	Date- 09/02/2011 Number- ADAC/AFFIL/SELE.COMMI/PG T/2010- 11/44471-78
Maratha Shikshan Sansthas Institute of Management Studies And Information Technology, Aurangabad	PG Teacher	Assistant Professor	Permanent	01-08-2008 to 06-06-2010	8000-275-13500	Date - 02/01/2010 Number- Ref. No. ACAD/AFFIL/AMK/2009-2010/40790-92
VivekanandShikshan Sansthas Vivekanand Institute of Advance Studies in Management Science & Communications	UG Teacher	Lecturer	Contractual	01-11-2003 to 31-07-2008	8000-275-13500	Date- 03/12/2004 Number - ACAD/AFFIL/COLL.CHNG/CB/2004/3 5978- 81
Maratha ShikshanSansthas Vivekanand Arts Sardar Dalipsingh Commerce And Science College	UG Teacher	Lecturer	Ad-Hoc	01-06-1998 to 31-10-2003	Consolidated	--

Experience: Teaching	: 26 years	
Research	: 20 years	
Ph.D. Thesis Title	:“Sputum Image Analysis for Diagnosis of Pulmonary Tuberculosis”	
Ph.D. Supervisor	:Dr. K. V. Kale	
Area of Research	:Digital Image Processing, Neural Network, Pattern Recognition, IOT	
Ph.D/M.Phil Guidance	: 10 Students (Ph.D.)	Awarded 5 Students
Paper Published	: 72	
Paper Presented	: International 67	National 05
Book Published	: 05 (Chapters) 01 (Editor)	
Articles Published	: 05	
Invited Talk & Guest Lectures	: 10	
Conference/Workshop Attended	: International 21	National 07
Position Held	: In charge Director (IMSIT Aurangabad), Principal (MIT, Aurangabad)	

Google Scholar : - <https://scholar.google.co.in/citations?user=3EumDCoAAAAJ&hl=en>

ResearchGate :-<https://www.researchgate.net/scientific-contributions/Dr-Mukti-2151519605>

ORCID ID :- <https://orcid.org/0000-0002-8932-5228>

Works on Various University Committees:

- Worked as Ad-hoc board member, ‘Computer Application’ of Savitribai Phule Pune university.
- Worked as member BOS member of Dr. BAMU Aurangabad for B.Sc. /M.Sc. courses.
- Worked as chairman of Affiliation committee for Dr. BAMU Aurangabad.
- Worked as a controller for MS-CIT examination.
- Worked as a member of paper setting/checking Committee for Department of Electronics and Accreditation of Computer Courses (DOEACC), Indian Ministry of Communications & Information Technology, Govt. of India.

- **Worked as a supervisor to conduct the CET for BCA by Dr. BAMU. Aurangabad.**
- **Worked as paper setter in Mah. State Education Board, Nasik Div. for XII computer Techniques.**
- **Worked as a member of paper setting/checking Committee for Post graduate courses**
MCA Mgt. Sci. Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- **Working as a member of paper setting/checking Committee for Under graduate like B.Sc.**
(Comp. Sci.), BCA Mgt. Sci. courses, Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad.
- **Working as a member of paper setting/checking Committee for Post graduate courses, M.Sc.**
CS, M.Sc. - IT, Mgt. Sci. courses, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- **Working as a member of paper setting/checking Committee for Under graduate and Post graduate**
courses, B.Sc.- CS, M.Sc. - CS, courses, Sant Gadge Baba Amravati University, Amravati.

Design of new course & curriculum:

- **Coordinator for NMEICT (National Mission on Education through ICT), initiatives being provided**
by MHRD, Govt. of India, at MIT CIDCO, Aurangabad.
- **Maharashtra Skill Development Society, eight Vocational Training Program, Started Under**
Pramod Mahajan Kaushalya Vikas Yojana, MIT CIDCO, Aurangabad.
- **B.Voc Courses started at MIT CIDCO, Aurangabad.**
- **Manager Red Hat Training partner (MIT CIDCO Aurangabad).**
- **NAAC proceed in 2019 at MIT CIDCO Aurangabad (As Principal)**

RESEARCH PROFILE

1. Research Papers published in Journals:

Sr. No.	Titles of paper	Name of Journals	ISSN No.	Impact Factor	National/ International	Page No.
1	Analysis of ZN-Stained Sputum Smear enhanced images for identification of M. Tuberculosis Bacilli cells	International Journal of Computer Application, June-2011	ISSN: 0975-8887, Vol.23-No.5,	Impact Factor: 2.52	International	PP. 10-16
2	Mycobacterium Tuberculosis Bacilli cells Identification using moment invariant	International journal Machine Intelligence (IJMI), 2011	ISSN: 0975-8887, Vol. 3, issue 3	Impact Factor: 7.9	International	PP. 146-149.
3	Comparison of Classifier For Gujarati Numeral Recognition”, on National Level Workshop on “Digital Image Processing & Pattern Recognition	International journal Machine Intelligence (IJMI), 2011	ISSN: 0975-2927, Vol. 3, issue 3,	Impact Factor: 7.9	International	PP. 160-163.
4	Mycobacterium Tuberculosis Bacilli cells Recognition using SVM	Coimbatore Institute of Information Technology International Journals (CiiT), Dec 2011	ISSN:2319-359x, Vol. 3 No 20	Impact Factor: 0.652	International	PP. 1269-1277
5	A Roll of image processing in diagnosis of Leukemia	International multidisciplinary quarterly research journal, Dec 2012	ISSN :2277-5730, vol1 issue 4,	Impact Factor: 0.5	International	PP. 19-24
6	A review on diagnosis of leukemia using blood microscopic images	An International Multidisciplinary Half yearly research journal, Sep 2012	vol.1 Issue No 1 ISSN:2319-359x, Sep 2012-13, Vol-1	Impact Factor: 0.5	International	PP. 45-51
7	Execution of scatter nets using DSR protocol for Bluetooth network	International Journal of Multidisciplinary Educational Research, IJMER, March 2014	ISSN: 2277-7881, V:5.16; Vol 3, Issue3(8),	Impact Factor 2.972	International	PP. 108-113
8	Mycobacterium Tuberculosis Bacilli cells Recognition using Multiple Classifier	International Journal of Research in Computer and Communication Technology, Nov-2014	ISSN: 278-5841, Vol 3, Issue 11	Impact Factor: 3.751	International	PP.1645-1652
9	Acid Fast Staining Sputum images dataset for diagnosis of Tuberculosis	International Journal of Computer Application, Jan 2013	ISSN:0975 – 8887	Impact Factor: 2.52	International	PP 8-13
10	Sentiment Analysis Of Ambedkar.Org, A Dalit Web Portal In India	Advances in Computational Research, Jan-2015	ISSN: 0975-3273, Volume 7, Issue 1, 2015	Impact Factor: 7.0	International	PP.- 203-205
11	Mining Of Breast Cancer Database For Classification Using Decision Trees	Advances in Computational Research, Jan-2015	ISSN: 0975-3273, Volume 7, Issue 1, 2015	Impact Factor: 7.0	International	PP.- 185-186

12	Cyber Crime Intensification In The World	Advances in Computational Research, Jan-2015	ISSN: 0975-3273, Volume 7, Issue 1, 2015	Impact Factor: 7.0	International	pp.-179-181
13	Early Detection of Glaucoma Using Eye Tracker Metrics	IOSR Journal of Computer Engineering (IOSR-JCE), Jan-2016	e-ISSN: 2278-0661, p-ISSN: 2278-8727	Impact Factor: 3.712	International	PP 60-64
14	Pulse Oximetry for Pregnant Ladies	International Journal of Scientific Engineering and Research (IJSER), Jul-2017	ISSN (Online): 2347-3878 (UGC Approved, Sr. No. 48096), Volume 5 Issue 7	Impact Factor: 3.8	International	PP.-141-144
15	Analysis of Fundus Images and International OCT Images for Diagnosis of Glaucoma	International Journal of Advance Research in Science and Engineering,	ISSN(O)2319-8354, ISSN(P) 2319-8346, Vol. No.6, Issue No. 09, 571Sep-2017	Impact Factor: 2.83	International	PP. 568-
16	Comparative Study of Academic Anxiety between Study of HIV Infected And Normal Children	Shodhani, Jun-2016	ISSN-2275-0807	Peer-reviewed	National	PP. 1-5
17	Educational Attitude Among Hostel Living Students	IDEL- Feb 2017	ISSN2319-359X Vo. – V Issue-I,	Peer-reviewed	National	PP. 25-28
18	Diabetes A Global Burden On Health Sector: A Review	International Journal of Research and Analytical Reviews (IJRAR) www.ijrar.org, January 2019,	E-ISSN 2348-1269, P- ISSN 2349-5138), Volume 06, Issue 1	Impact Factor: 5.7	International	PP 208-212
19	Design and Development of Pulse Oximetry for Continuous Monitoring of Pregnant Ladies using Arduino	IOSR Journal of Computer Engineering (IOSR-JCE), 2018, www.iosrjournals.org	e-ISSN: 2278-0661, p-ISSN: 2278-8727	Impact Factor: 3.7	International	PP 17-22
20	Classification of Dermoscopy Images for Early Detection of Skin Cancer – A Review	International Journal of Computer Applications, June 2019	ISSN- (0975–8887) Volume 178 – No. 17	Impact Factor: 3.2	International	PP- 37-43
21	Classify based Analysis System For Segmenting Ultrasound Images	Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 15-Special Issue, November 2018	ISSN 1943-023X, Received: 30 Oct2018/Accept 27 Nov 2018	Impact Factor: 0.27	International	PP-460-469

22	Enhanced K-way Method In "APRIORI" Algorithm for Mining the Association Rules Through Embedding SQL Commands	International Journal of Computer Sciences and Engineering (IJCSE) Oct-2019	Vol.-7, Issue-10, Oct 2019 E-ISSN: 2347-2693	Impact Factor: 3.2	International	PP-52-56
23	Medical Image Classification Based on Machine Learning Techniques	Springer Nature Singapore Pte Ltd. 2019 Conference for Computing Research ICAICR 2019: Advanced Informatics for Computing Research A. K. Luhach et al. (Eds.): ICAICR 2019, CCIS 1075, pp. 91–101, 2019.	ICAICR 2019, CCIS 1075, 2019.	Scopus	International	pp. 91–101
24	Comparative Study of Global Severity of Tuberculosis	International Journal for Research in Engineering Application & Management (IJREAM Special Issue - NCRICE –Dec 2019)	ISSN : 2454-9150	Impact Factor: 6.466	International	PP. - 69-73
25	Review on Various Techniques of Cryptography	International Journal for Research in Engineering Application & Management (IJREAM), Dec-2019	ISSN :2454-9150 Vol-05, Issue-09, Dec 2019	Impact Factor: 6.466	International	PP. - 208-210
26	A novel method for early detection of glaucoma using non-clinical features of eye tracker data	Springer CCIS RTIP2R, presented in RTIP2R conference, Dr. B.A.M.U., Aurangabad, January 2020	Springer ISBN: 978-981-13-9184-2	Scopus	International	
27	A Review of Early Detection of Autism Based on Eye-Tracking and Sensing Technology	Proceedings of the Fifth International Conference on Inventive Computation Technologies (ICICT-2020) IEEE Xplore Part Number: CFP20F70-ART	ISBN:978-1-7281-4685-0,	Impact Factor 10.252	International	PP-160-166
28	A review of sign language and hand motion recognition techniques	International Journal of Advanced Science and Technology (IJAST) Vol. 29, No. 8s, (2020),	ISSN:2005 - 4238 IJAST	Impact Factor 6.466	International	PP. 4621-4635
29	Current Trends In Bio-Sensing Technologies For Tuberculosis Detection	IEEE Xplore: 01 January 2021, Electronic Print on Demand (PoD) ISBN:978-1-7281-5971-3	ISBN:978-1-7281-5970-6, (PoD) ISBN:978-1-7281-5971-3	Impact Factor 10.252	International	PP. 35-38

30	Convolutional Neural Network for Prediction of Autism based on Eye-tracking Scanpaths	International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 05, 2020	ISSN: 1475-7192,	Impact Factor 0.08	International	PP.- 2683-2689
31	Volatile Organic Compounds as a Biomarker of Tuberculosis	Sambodhi (UGC Care Journal)	ISSN: 2249-6661 Vol-43, No.-02 (V) July-September (2020)	Impact Factor 5.86	International	PP. – 32-39
32	Analysis of Dermoscopy Images by Using ABCD Rule for Early Detection of Skin Cancer	Science Direct Procedia Manufacturing 00 (2020) 000–000, 2351-9789 © 2020 The Authors. Published by Elsevier B.V. This is an open access article under the CC BY-NC-ND license(http://creativecommons.org/licenses/by-nc-nd/4.0/) Peer-review	2666-285X/© 2021 The Authors. Publishing Services by Elsevier B.V. on behalf of KeAi Communications Co. Ltd 2351-9789. 23 January 2021	Scopus	International	PP -1-7
33	Retinal OCT Images for Glaucoma	IEEE IEEE Xplore: 01 January 2021, Electronic	ISBN:978-1-7281-5970-6 (Po D) ISBN:978-1-7281-5971-3	Impact Factor 10.252	International	PP – 35-37
34	A Study of Eye tracking technology and its Application	IEEE IEEE Xplore:01 2017	ISBN: 978-1-5090-4264-7/17	Scopus Impact Factor 10.252	International	PP. 1-5
35	Computer Aided Diagnosis Model of Glaucoma with Eye Tracking Data	Turkish Journal of Computer and Mathematics Education	Vol.12,No. 12 (2021), 23 May 21	Scopus	International	PP. 3529-3533
36	Diagnosis of Chronic Kidney Disease Using Effective Classification Algorithms and Recursive Feature Elimination Techniques	Hindawi Journal of Healthcare Engineering Volume 2021, Article ID 1004767, 10 pages https://doi.org/10.1155/2021/1004767 , May 2021	Volume 2021, Article ID1004767, 10 pages https://doi.org/10.1155/2021/1004767	Web of Science	International	
37	Techniques for the Detection of Skin Lesions in PH2 Dermoscopy Images Using Local Binary Pattern (LBP)	Springer Nature Singapore Pte Ltd. 2021 K. C. Santosh and B. Gawali (Eds.): RTIP2R 2020, CCIS 1381, https://doi.org/10.1007/978-981-16-0493-5_2	CCIS, volume 1381	Scopus	International	PP. 14–25

38	Real-Time Detection of Student Engagement: Deep Learning-Based System	Springer Nature Singapore Pte Ltd. 2022 A. Khanna et al. (eds.), International Conference on Innovative Computing and Communications, Advances in Intelligent Systems and Computing 1387, https://doi.org/10.1007/978-981-16-2594-7_26	AISC, volume 1387	Scopus	International	PP. 313-323
39	Score and Correlation Coefficient-Based Feature Selection for Predicting Heart Failure Diagnosis by Using Machine Learning Algorithms	Hindawi Computational and Mathematical Methods in Medicine 16 pages https://doi.org/10.1155/2021/8500314	Volume 2021, Article ID 8500314,	Scopus	International	PP. 1-16
40	Deep Learning Algorithms for Detection and Classification of Gastrointestinal Diseases	Hindawi Complexity, 12 pages https://doi.org/10.1155/2021/6170416	Volume 2021, Article ID 6170416	Scopus	International	PP. 1-12
41	Diagnosis of Dermoscopy Images for the Detection of Skin Lesions Using SVM and KNN	Springer Nature Singapore Pte Ltd. 2022 R. C. Poonia et al. (eds.), Proceedings of Third International Conference on Sustainable Computing, Advances in Intelligent Systems and Computing 1404, https://doi.org/10.1007/978-981-16-4538-9_13	AISC, volume 1404	Scopus	International	PP. 125-134
42	A Deep Learning based Recognition System for Yemeni Sign Language	IEEE- Xplore- 2021 (MTICTI) 978-1-6654-1444-9/21/\$31.00 ©2021 IEEE DOI: 10.1109/MTICTI53925.2021.9664779	978-1-6654-1444-9/21/\$31.00 ©2021 IEEE	Scopus	International	PP. 1-5
43	GCL And ILM Layer Extraction From OCT Images For Glaucoma Detection	2021 International Conference on Computational Intelligence and Computing Applications (ICCICA) 978-1-6654-2040-2/21/\$31.00 ©2021 IEEE DOI: 10.1109/ICCICA52458.2021.9697135	978-1-6654-2040-2/21/\$31.00 ©2021 IEEE	Scopus	International	PP. 1-3
44	Design And Simulate MEMS Based Cantilever Biosensor For Detection of Tuberculosis	2021 International Conference on Computational Intelligence and Computing Applications (ICCICA) DOI:10.1109/ICCICA52458.2021.9697261	978-1-6654-2040-2/21/\$31.00 ©2021 IEEE	Scopus	International	PP. 417-420

45	Simulation of Cantilever Biosensor for Detection of Tuberculosis	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Available at www.ijraset.com	Volume 10 Issue III Mar 2022- ISSN: 2321-9653; IC Value: 45.98; SJ	Impact Factor- 7.538	International	PP. 2139-2143
46	Early Diagnosis of Brain Tumor MRI Images Using Hybrid Techniques between Deep and Machine Learning	Hindawi, Computational and Mathematical Methods in Medicine, 17 pages https://doi.org/10.1155/2022/8330833	Volume 2022, Article ID 8330833	Scopus	International	PP. 1 - 17
47	Design and Exploration of Micro Cantilever Biosensor for Detection of Tuberculosis	The Electrochemical Society (ECS) Scopus Indexed Proceeding	Volume 107, Number 1	Scopus Indexed	International	PP. 627-636
48	Simulation of Cantilever Biosensor for Rapid Detection of Mycobacterium Tuberculosis	International Journal Of Innovative Research In Technology (IJIRT)	Volume 8 Issue 11 ISSN: 2349-6002 April 2022	Impact Factor- 7.376	International	PP. 594-598
49	Facial Features Detection System To Identify Children With Autism Spectrum Disorder: Deep Learning Models	Hindawi-Computational and Mathematical Methods in Medicine 2022(1)DOI: 10.1155/2022/3941049 License CC BY 4.0	Volume 2022, Article ID 3941049, April 2022	Scopus	International	PP. 1-9
50	Arabic Sign Language Detection Using Deep Learning	IEEE- Xplore 2022,978-1-6654-5998-3/22/\$31.00 ©2022 IEEE DOI: 10.1109/ITSS-IoE56359.2022.9990964Dec 2022	ISSN- 978-1-6654-5998-3	Scopus	International	PP. 1- 4
51	Recognition of American Sign Language Using Deep Convolution Network	IEEE- Xplore 2022 (ITSS-IoE) 978-1-6654-5998-3/22/\$31.00 ©2022 IEEE DOI: 10.1109/ITSS-IoE56359.2022.9990966 Dec 2022	ISSN - 978-1-6654-5998-3	Scopus	International	PP. 1- 4
52	Study On Encryption Decryption Of Rsa And Elgamal	Journal of Emerging Technologies and Innovative Research (JETIR) www.jetir.org	ISSN-2349-5162, Volume 10, Issue 2, Feb 2023	Peer reviewed Open Access	International	PP. 180-183
53	Arabic Sign Language Recognition Using EfficientnetB1 and Transfer Learning Technique	IEEE- Xplore DOI:10.1109/ITIKD56332.2023.10099710	E-ISBN:978-1-6654-6372-0 Print on Demand(PoD) ISBN:978-1-6654-6373-7	Scopus	International	PP. 1-5
54	Analysis Of Factoring Algorithms For Number Factorization	International Journal of Creative Research Thoughts (IJCRT) www.ijcrt.org	Volume 11, Issue 3 March 2023 ISSN: 2320-2882	Peer reviewed Open Access	International	PP. 735-740
55	Comparing Classification Algorithms on Sign Language Recognition	International Journal of Food And Nutritional Science	ISSN PRINT 2319 1775 Online,2320 7876	UGC Care listed	International	PP. 599-605
56	Revolutionizing Solar Power Production with Artificial Intelligence: A Sustainable Predictive Model	MDPI, Sustainability 2023, 15, 7999. https://doi.org/10.3390/su15107999 , 14 May 2023	ISSN: 2071-1050	Scopus	International	PP. 1-21

57	Hybrid Models Based on Fusion Features of a CNN and Handcrafted Features for Accurate Histopathological Image Analysis for Diagnosing Malignant Lymphomas	MDPI, Diagnostics 2023, 13, 2258. https://doi.org/10.3390/diagnostics13132258 https://www.mdpi.com/journal/diagnostics	ISSN:2075-4418 Volume 13 Issue 13 10.3390/diagnostics13132258 Published 4 Jul 2023	Scopus	International	PP. 1-33
58	Glaucoma Detection Through Optical Coherence Tomograph Images	Atlantis Press, Springer Nature, Series: Advances in Computer Science Research, ICAMIDA 2022, ACSR 105, pp. 810–819, 1 May 2023.	ISSN 2352-538X ISBN 978-94-6463-136-4	Scopus	International	PP. 880-819
59	Diagnosing Microscopic Blood Samples for Early Detection of Leukemia by Deep and Hybrid Learning Techniques	Atlantis Press, Springer Nature, Series: Advances in Intelligent Systems Research, https://doi.org/10.2991/978-94-6463-196-8_4 , 10 Aug 2023	ISSN 1951-6851, Vol 176	Scopus	International	PP. 23-38
60	Automated Detection of Tuberculosis Based on Cantilever Biosensor	Atlantis Press, Springer Nature, Series: Advances in Intelligent Systems Research, https://doi.org/10.2991/978-94-6463-196-8_3 , 10 Aug 2023	ISSN 1951-6851, Vol 176	Scopus	International	PP. 14–22,
61	A CNN-LSTM Model for Arabic Sign Language Recognition	Atlantis Press, Springer Nature, Series: Advances in Intelligent Systems Research, https://doi.org/10.2991/978-94-6463-196-8_35 , 10 Aug 2023	ISSN 1951-6851, Vol 176	Scopus	International	PP. 459–470
62	Deep Learning Algorithms for Behavioral Analysis in Diagnosing Neurodevelopmental Disorders	MDPI, Mathematics 2023, 11, 4208. https://doi.org/10.3390/math11194208 https://www.mdpi.com/journal/mathematics	Volume 11 Issue 19 10.3390/math11194208 Published: 9 October 2023	Scopus	International	PP. 1-18
63	Detecting Sign Language for the Deaf and Mute Using Neural Networks	The International Journal of Indian Psychology, DIP: 18.01.391.20231103 DOI: 10.25215/1103.391, https://www.mdpi.com/journal/mathematics	ISSN 2348-5396 (Online) ISSN: 2349-3429 (Print) Volume 11, Issue 3, July-Sept, 2023	Peer-Reviewed Impact Factor 4.9	International	PP. 4216-4220
64	Applying Eye Tracking with Deep Learning Techniques for Early-Stage Detection of Autism Spectrum Disorders	MDPI, Data 2023, 8, 168. https://doi.org/10.3390/data8110168	ISSN: 2306-5729 Published: 3 November 2023	Impact Factor: 2.6	International	PP. 1-27

65	Revealing sign language for individuals who are deaf and mute through the utilization of neural networks	Albaydha University Journal, DOI: https://doi.org/10.56807/buj.v5i5.539	ISSN(s): 2709-9695, Vol. (5) -Issue (5) –December 2023	Peer-Reviewed	International	PP. 401-407
66	American gesture Language Detection Using Transfer Learning and Efficient net B1 Technique	IEEE- Xplore DOI: 10.1109/ICRASET59632.2023.10420414	E-ISBN:979-8-3503-0692-7 Print on Demand(PoD) ISBN:979-8-3503-0693-4 Published on 08 February 2024	Scopus	International	PP. 1- 4
67	Real-time System for Translating American Sign Language to Text Using Robust Techniques	IEEE- Xplore DOI: 10.1109/ICRASET59632.2023.10420110	E-ISBN:979-8-3503-0692-7 Print on Demand(PoD) ISBN:979-8-3503-0693-4 Published on 08 February 2024	Scopus	International	PP. 1-6
68	Indian Sign Language Recognition Systems: Empowering The Deaf And Dumb Community	Strad Research	ISSN 0039-2049 Vol. 11 2024	Peer-Reviewed	International	PP. 1-7
69	A Comprehensive Review On Indian Sign Language For Deaf And Dumb People	Aarhat Multidisciplinary International Education Research Journal	ISSN 2278-5655, Vol. 12, 2023	Peer-Reviewed	International	PP. 55-59
70	Analysis of WSI Images by Hybrid Systems with Fusion Features for Early Diagnosis of Cervical Cancer	MDPI, diagnostics	2538. https://doi.org/10.3390/diagnostics13152538 , 2023	Scopus	International	PP. 1-29
71	Hand Gesture Classification for Individuals with Disabilities Using the DenseNet121 Model	IEEE- Xplore DOI: 10.1109/APCI61480.2024.10616504	ISSN 979-8-3503-6328-9/24/ Aug 2024	Scopus	International	PP. 1-5
72	Classifying Hand Gestures for People with Disabilities Utilizing the MobileNetV2 Model	IEEE- Xplore DOI: 10.1109/ISTEMS60181.2024.10560333	979-8-3503-6328-9/24 Aug 2024	Scopus	International	PP. 1-5
73	Effectiveness of Histogram Equalization and Ensemble Deep Learning Techniques for Detecting Autism Using Eye-Tracking	Springer Nature, March 2026	ISSN (2662-995X)	Scopus	International	1-29
74	Statistical Analysis of Tuberculosis before and after COVID-19 and various Diagnostic Techniques	Journal of Xidian University, Feb 2026	ISSN No:1001-2400	Scopus	International	419-425
75	Breaking Cryptography with Quantum Simulators: A	IEEE-Xplore, indexing in databases like	ISBN:979-8-3315-2276-6	Scopus	International	1-4

	Performance Study of Qiskit, Cirq, and QuTiP	Scopus, Jan 2026				
76	Explore the Traditional and Innovative Detection Techniques of Cholesterol	Goya Publication	ISSN NO : 0017 - 2715	peer-reviewed	International	1-4

2. Conference Proceedings:

Sr. No.	Name of Conference	Level	Title of Paper	Name of Authors as mentioned in paper	Place & Date	ISSN/ ISBN No.
1	National Level Student Technical Symposium, "ASCENT" at BCYRC's Umrer college of Engineering Nagpur,	National Conference	Computer implementation of Genetic Algorithm by Reproduction", National Level Student Technical Symposium	Mukti Jadhav	Umrer college of Engineering Nagpur, 23rd & 24th Feb. 2007	
2	Proceedings National conference "Emerging Trends in Information Technology" at People's Education Society college of Engineering, Aurangabad on Bioinformatics	National Conference	Detection of Drug Resistant Tuberculosis Bacteria Using Microarray Analysis-Spotfinder	Mukti Jadhav	People's Education Society college of Engineering, Aurangabad, 28-29 Jan 2008	
3	International conference, Advanced in Computer Vision and Information Technology (ACVIT-09), Organized by Department of Computer Science and Information Technology Dr. B.A.M.U. Aurangabad	International conference	Application of Hill-Climbing Algorithm for Realignment of MRI Images	Mukti Jadhav	Department of Computer Science and Information Technology, Dr. B.A.M.U. Aurangabad, 16 th 19 th Dec 2009	
4	International conference, Advanced in Computer Vision and Information Technology (ACVIT-09), Organized by Department of Computer Science and Information Technology Dr. B.A.M.U. Aurangabad	International	Detection And Counting Of Tuberculosis Bacterial cell Using Image Processing	Mukti Jadhav	Department of Computer Science and Information Technology, Dr. B.A.M.U. Aurangabad, 16 th 19 th Dec 2009	
5	National Conference entitled "Managealization : 2013 Fostering Management & IT for Gen-Next Fostering Management & IT for Gen-Next", at Department of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Sub-Campus, Osmanabad	National Conference	The use of Image processing in Medical Terminology	Mukti Jadhav	Dr. Babasaheb Ambedkar Marathwada University, Sub- Campus, Osmanabad, (M.S.) INDIA, on 2nd March 2013	
6	International Conference &	International	Acid Fast Staining	Mukti Jadhav	Thakur college of	

	Workshop on Electronics & Telecommunication Engineering ICWET 2013 at Thakur college of Engi, Kandewali, Mumbai	Conference	Sputum images dataset for diagnosis of Tuberculosis		Engineering, Kandewali Mumbai, 22-23 Jan 2013	
7	2 nd International conference on cognitive knowledge engineering (ICKE-2016)	International Conference	Review on image processing techniques for glaucoma detection	Mukti Jadhav	Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, (M.S.) INDIA, on 21-23 Dec 2016	
8	Conference on Recent Trends in Computer Engineering (CRTCE 18), at Thakur college of Engineering, Kandewali Mumbai	International Conference	Design and Development of Pulse Oximetry for Continuous Monitoring of Pregnant Ladies using Arduino	Mukti Jadhav	Thakur college of Engineering, Kandewali Mumbai, February 23 & 24 2018	
9	5 th International Conference on Inventive Computation Technology (ICICT2020)	International Conference	A Review of Early Detection of Autism Based on Eye- Tracking and Sensing Technology	Mukti Jadhav	RVS Technical Campus 26-28 Feb 2020 at Coimbatore, India, 26-28 Feb 2020	
10	Smart Innovations in Design, Environment, Management, Planning and Computing (ICSIDEMPC) 2020	International Conference	Retinal OCT Images for Glaucoma	Mukti Jadhav	Organized by Jawaharlal Nehru Engineering College MGM University, Aurangabad, 30-31 Oct 2020	
11	International Conference on Computational Intelligence and Computing Applications (ICCICA), 2021	International Conference	GCL And ILM Layer Extraction from OCT Images for Glaucoma Detection	Mukti Jadhav	G H Raisoni College of Engineering Nagpur, India, June 18-19, 2021	
12	The First International conference on Modern Trends of Information & Communication Technology Industry (MTICTI-2021)	International Conference	Deep Learning based Recognition System for Yemeni Sign Language.	Mukti Jadhav	Al-Razi University, Sana'a, Yemen 4-6 December 2021	
13	First International Conference on Technologies for Smart Green Connected Society 2021	International Conference	Design and Exploration of Micro Cantilever Biosensor for Detection of Tuberculosis	Mukti Jadhav	Sri Venkateswara College of Engineering and Technology, Chittoor, 29-30 Nov 2021	
14	2021 IEEE International Conference on Computational Intelligence & Computing Applications (IEEE-ICCICA-21)	International Conference	Design and Simulate MEMS based Cantilever Biosensor for Detection of Tuberculosis	Mukti Jadhav	G H Raisoni College of Engineering, Nagpur, 26-27 Nov 2021	
15	Two Days International Conference on “Techno-Innovative Practices For Sustainable Business Resilience”	International Conference	Finding defects in Retinal OCT images for Glaucoma Detection	Mukti Jadhav	D.Y. Patil Institute of Management & Research, 9-10 Dec 2021	
16	Two Days International Conference on “Techno-Innovative Practices For Sustainable Business	International Conference	Cantilever Based Biosensor For Rapid Detection of Tuberculosis	Mukti Jadhav	D.Y. Patil Institute of Management & Research, 9-10 Dec 2021	

	Resilience”					
17	International Conference on Digital Technology and Engineering (ICDTE - 2025) 16th & 17th October, 2025	International Conference	Beyond Silence: Enhancing Accessibility for the Deaf and Mute through ISLR Innovation		RV Educational Institutions Rv Institute Of Technology And Management(R) Bengaluru, Karnataka	

3. Papers presented in Conferences / Seminar / Symposia / Workshop:

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
1	Design and Development of Pulse Oximetry for Continuous Monitoring of Pregnant Ladies using Arduino	Conference on Recent Trends in Computer Engineering(CRTCE 18	International	23 rd & 24 th February 2018	Thakur college of Engineering, Kandewali Mumbai,
2	Techniques for the Detection of Skin Lesions in PH2 Dermoscopy Images Using Local Binary Pattern (LBP)	International Conference on Recent Trends in Image Processing and Pattern Recognition RTIP2R-2020	International	2 nd -4 th Jan 2020	Department of Computer Science and Information Technology, Dr. B.A.M.U. Aurangabad
3	Automated Detection of Tuberculosis Based on Cantilever Biosensor	International Conference on Advances in Computer Vision and Artificial Intelligence Technology (ACVAIT 2022)	International Conference	1 st -2 nd Aug 2022	Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
4	Diagnosing Microscopic Blood Samples for Early Detection of Leukemia by Deep and Hybrid Learning Techniques	International Conference on Advances in Computer Vision and Artificial Intelligence Technology (ACVAIT 2022)	International Conference	1 st -2 nd Aug 2022	Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
5	Analysis of RSA and Shor’s Algorithm of Cryptography: a Quantum Perspective	1 st International conference on Deep learning, IoT, Dron Technology, smart cities & Application (ICDIDSA-23)	International Conference	29-30 Nov 2023	Department of Electronics and Telecommunication Engineering, Sandip Institute of Technology and Research Center, Nashik, M.S., India

4. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1	Participated in workshop on “OOAD with UML” Conducted in association with M/s SEED Infotech, Pune at Govt College of Engineering Aurangabad	College Level	19th & 20th Aug 2003	Govt College of Engineering Aurangabad

2	Participated in workshop on “Effective and Efficient Preparation of SET Examination“,	University Level	1st -3rd Feb 2004.	Department of CS & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
3	Participated in International conference – Advances in computer vision & Information Technology (ACVIT) -07, at Aurangabad	International Conference	28 – 30 Nov 2007	Department of CS & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
4	Participated in workshop on “Open Source Quantum GIS”	University Level	3rd Sep 2011	Department of CS & IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
5	Poster presented in “VIth Maharashtra State Inter University Research Convention (Avishkar 2012)	State Level	13th -15th January 2012.	Shivaji University, Kolhapur
6	Participated in National Level Workshop on “Digital Image Processing & Pattern Recognition”, Sponsored by UGC	National Level	3rd – 5th Nov. 2011	Dept of collegiate Education Govt College, Mandya, Karnatka
7	Workshop on “Image Processing Using Matlab 2012”	College Level	24 Feb 2013	Maulana Azad College
8	Participated in e- Governance workshop 2013	University Level	30 th July 2013	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Directorate of Information Technology, Government of Maharashtra
9	Two days workshop on its “Microcontrollers and Applications	College Level	5th & 6th July 2013	Dr Rafiqu Zakaria campus, Maulana Azad College
10	The Three days National workshop on “Nanomaterials & Nanotechnology”	National Level	15th to 17th September 2013	Organize at Marathwada Institute of Technology Aurangabad
11	Participated in UGC sponsored one day workshop for Principals	University Level	31 January 2014	Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
12	Participated in One Week Short Term Training Program on “Big Data Analytics”	National Level	2nd to 6th June 2014	Department of IT, at People’s Education Society college of Engineering, Aurangabad.

5. Invited Lectures & Session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1	Medical Image Processing	2013-14	Guest Lecture	College level	23 rd Dec 2013	Vivekanand Institute of Advance Studies in Management Science & Communications, Aurangabad.
2	Seminar on Data Communication & Networking	2013-14	Guest Lecture	College level	24 th Dec 2013	Late Pandharinath Patil Institute, Aurangabad.
3	Key Note Speaker & guest for One day workshop on C#.Net & Express PCB	2014-15	One day Workshop	College level	13 th Dec 2014	Department of CS& Electronics, Shivchatrapati college, Aurangabad.
4	Invitation As a Judge SCIClone” 2014	2014-15	Science talk by prominent scientist, Poster Presentation & Model for continues learner	College level	28 th Feb & 1 st March 2014	Maharashtra Institute of Technology, Aurangabad.
5	Session Chair	2014-15	National conference on Innovation in computer Applications	National Level	23 rd – 24 th Jan 2015	Marathwada institute of technology, Aurangabad
6	Panel Member of MCED for interview committee	2015-16	One Day Selection Member for Maharashtra Centre for Entrepreneurship Development, Aurangabad	Regional Level	29 th Feb 2016	Maharashtra Centre for Entrepreneurship Development, Aurangabad
7	Invited as “Session Co-Ordinator, Paper Reviewer”	2016-17	International conference on Recent Advances In computer Science Engineering And Technology, (ICRACST)-2017	International Level	2 nd -4 th Feb 2017	Organized by MGM Dr. G.Y.Pathrikar College of Computer Science and Information Technology, Aurangabad
8	Invited speaker in Orientation faculty development program “Use of Teaching Aides”	2017-18	Faculty Development Program	Regional level	13 th Aug 2017	Organized by Shiv Chatrapati college, Aurangabad

9	Session Chair, Paper Reviewer	2019-20	3 rd Biennial International Conference on Recent Trends in Image Processing and Pattern Recognition, 3rd – 4th Jan2020 (RTIP2R, 2020	International Level	3 rd – 4 th Jan 2020	Department of Computer Science, Dr. B.A.M. University, Aurangabad
10	Career Oriented Program	2019-20	Seminar on Career Oriented Program	College level	12 th Feb2020	Department of Electronics, Shri Shivaji Science &Arts College,Chikhli, Dist. Buldana
11	Invited Resource person at Two Days FDP entitled“Research Methodology and Elaborating New Trends in Image Processing”	2021-22	Two Days Faculty Development Program	Regional Level	29 th September 2021 (timings 2:00 pm to 5:00 pm.)	Sinhgad Institute of Business Administration & Research, Pune
12	Invited for guest Lecture on topic “Social Impact of E-Commerce in Industries”	2021-22	Guest Lecture	College Level	02 May 2022 (timings 3:30 PM to 5:00 PM)	Vivekanand Arts Sardar Dalipsingh Commerce & Science College, Aurangabad
13	Invited for guest Lecture on topic “Career Counseling”	2022-23	Guest Lecture	College Level	8 Oct 2022 (timings 11:30 AM to 1:30 PM)	New English School AndAabasahebChinchw adeJounior College, Chinchwad, Pune
14	Webinar on "Basics of Research Methodology and research process" -19- 07-2022	2022-23	Guest Lecture	College Level	19-07-2022	Sinhgad Institute of Business Administration & Research, Pune
15	Invited for guest Lecture on topic “Operating system concept”	2023-24	Guest Lecture	College Level	30-10-2023	Vivekanand Arts Sardar Dalipsingh Commerce & Science College , Aurangabad

6. Year wise Research Guidance:

Sr. No.	Year	Degree (M.Phil/PhD)	No. of Students		
			Enrolled	Awarded	Submitted

1	Ms. Nazi Pathan	Ph.D	Aug -2015	15 Dec 2020	Submitted
2	Ms. Pramodini Punde	Ph.D	Oct -2018	25 Aug 2022	Submitted
3	Ms. Gangadevi Bedke	Ph.D	Jun 2018	11 Jan 2024	Submitted
4	Ms. Seema Kute	Ph.D	Jun 2018		Pursuing
5	Ms. Bali Thorat	Ph.D	Jun 2018	02 Sep 2023	Submitted
6	Mr. Amol Gadkari	Ph.D	Oct-2018		Pursuing
7	Mr. Yogesh Kadam	Ph.D	June-2018		Pursuing
8	Mr. Ebrahim Senan	Ph.D	Sept-2018	19 May 2023	Submitted
9	Mr. Zayed Ahemad	Ph.D	March-2019	11 Jan 2024	Submitted
10	Mr. Basel Dabawn	Ph.D	Aug-2019	11 Jan 2024	Submitted

7. Details of Patent/ Copyright:

Patent Type	Patent Name	Patent No	Status	Reg Date	Award Date
Indian	Pregnancy Detection And Pulse Rate Diabetic Monitoring PDAPDM Sensor	122552	Granted	09-08-2021	29-12-2022
Indian	A Patent Analysis of Research Trends in Eye Tracking Technology	L-135355/2023	Registered Copyright	14-03-2023	03/11/2023
Indian	Micro-Cantilever Biosensor	399059-001	Granted	02/11/2023	11/01/2024
Indian	Micro electro mechanical (MEMS) Cantilever Biosensor System	202421003235	Published	17/01/2024	09/02/2024
Indian	System and Method For Translating Sign language Into Text And / Or Voice In Real Time	202421053848	Published	15/07/2024	09/08/2024
Indian	Skin Disease Detection Device	466906-001	Granted	23/07/2025	26/03/2026
Indian	A System and method for speech to text and sign language conversion	LD-2026192888	Registered Copyright	05/08/2024	28/07/2026

8. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

Sr. No.	Programme	Duration	Organized By
1	68 th Orientation course conducted by UGC Academic staff college, Dr. BAMU Aurangabad, 2007	1/2/2007 to 28/2/2007	UGC-Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
2	One Week Short Term Training Program on “Big Data Analytics	2 nd to 6 th June 2014	Organized by Department of IT, at People’s Education Society college of Engineering, Aurangabad.
3	Four Week FDP “Use of ICT in Education through for online Blended Learning”	2 nd May – 10 th July 2016	AICTE approved FDP by IIT Bombay

4	One Week Faculty Development Program 2017, on Advances in Computer Science and soft skills,	12 th June 2017- 17 th June 2017	MGM Dr. G.Y. Pathrikar College of Computer Science and Information Technology, Aurangabad
5	One Week Short Term Training Program on “Implementation of IoT Using Raspberry Pi and Arduino”	27 th Jun 2017 to 2 nd July 2017	Organized by department of Electronic Telecommunication Engineering, department of Computer science and Engineering Maharashtra institute of Technology, Aurangabad
6	MHRD Scheme Global Initiative on Academic Network (GIAN) Course on, Perception and Modeling of Three-Dimensional Scenes"	4 th to 10 th December 2017	Dr. BAM University Dept of CS & IT
7	One week short term training program on “ Machine Learning: The Journey of Transforming Technology”	3 rd to 7 th July 2018	Organized by MGM’s Jawaharlal Nehru Engineering College, Department of Computer Science & Engineering
8	One Week Online Faculty Development Program on R	23 rd April – 28 th April 2020	Organized by Dr. G.Y .Pathrikar College of Computer Science & Information Technology, MGM University, Aurangabad, in Association with Spoken Tutorial Project IIT Bombay
9	One Week Online Faculty Development Program on Moodle: Learning Management System	07 th May -12 th May 2020	Organized by Dr. G.Y.Pathrikar College of Computer Science & Information Technology, MGM University, Aurangabad, in Association with Spoken Tutorial Project IIT Bombay
10	Two - Week Faculty Development Programme on “Managing Online Classes & Co-creating MOOCS”	April 20 th - May 06 th , 2020	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry Of Education Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching
11	Two Week Online Workshop on "Comprehensive e-Learning to e-Training guide for Administrative Work" from May 25 - June 05, 2020	25 th May - 05 th June 2020	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry Of Education Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching
12	4-Week Induction / Orientation Programme for "Faculty in Universities / Colleges / Institutes of Higher Education”	June 04 th - July 01 th , 2020	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry Of Education Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching
13	Online Short-Term Course on Research Methodology	13 th July -16 th July 2020	Shri R.L.T. College of Science Akola in Association with Ph.D. Cell, S.G.B.A.U. Amravati, Amravati University, Chemistry Teaches Association & Microbiologist Society India
14	Online Guru Dakshta Faculty Induction Program”	1 st Feb 2021 to 8 th Mar 2021	UGC HRDC Dr. Babasaheb Ambedkar Marathwada University Aurangabad
15	FDP on " Robotics Process Automation"	17 th May 2021 to 21 May 2021	AICTE Training And Learning (ATAL) Academy National Institute of Electronics and Information Technology.

16	Online Elementary FDP on Artificial Intelligence	20 th Sep 2021 to 24 th Sep 2021	AICTE Training And Learning (ATAL) Academy National Institute of Electronics and Information Technology. At Dr. B.A.M.U, Aurangabad
17	Refresher Course in E-Governance and E-Learning	06 th December 2021 to 18 th December 2021	UGC-Human Resource Development Center Dr.Babasaheb Ambedkar Marathwada University, Aurangabad-431004
18	Refresher course on Strategic planning for E-Content Development and Effective Academic use of ICT	15 th January 2025 to 25 th January 2025	UGC-Human Resource Development Center Dr.Babasaheb Ambedkar Marathwada University, Aurangabad-431004

9. Articles/Chapters published in Book:

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No.	Authors	Whether Main authors
1	Application of Hill-Climbing Algorithm for Realignment of MRI Images, Dec 2009, Page No 273-279	Computer Vision and Information Technology Advances and Applications”, IK Publication New Delhi	ISBN:978-1-4244-5967-4	Mukti E. Jadhav	Second Author
2	Detection And Counting Of Tuberculosis Bacterial cell Using Image Processing, Dec 2009, Page No -280-286	Computer Vision and Information Technology Advances and Applications”, IK Publication New Delhi	ISBN:978-1-4244-5967-4	Mukti E. Jadhav	Main Author
3	Review on image processing techniques for glaucoma detection Page. 198- 202	Cognitive Knowledge of Engineering, EXCEL ACADEMY PUBLISHERS, Gokulwadi, Aurangabad-431001 (M. S)	ISBN 978-93-86751-04-1	Mukti E. Jadhav	Second Author
4	Chapter in Book- Techniques for the Detection of Skin Lesions in PH2 Dermoscopy Images Using Local Binary Pattern (LBP	Recent Trends in Image Processing and Pattern Recognition Third International Conference, RTIP2R 2020, Aurangabad, India, January 3–4, 2020, Revised Selected Papers, Part II	ISBN: 978-981-16-0493-5	Mukti E. Jadhav	Second Author
5	Chapter in Book- Computer Unit 5	Sant Gadge Baba Amravati University, Computer Science Teacher’s Association, A text book of BSc Second year course in Computer Science Networking and Web Technology Semester-III, Dnyanpath Publication	ISBN:978-81-19435-87-6	Mukti E. Jadhav	Main Author

6	Book Editor	Sant Gadge Baba Amravati University, Computer Science Teacher's Association, A Text book of BCA Second year Course in . Net Technologies and c # Semester IV, Dnyanpath Publication	ISBN 13:978-81-19435-65-4	Mukti E. Jadhav	Editor
7	Book Editor	Sant Gadge Baba Amravati University, Computer Science Teacher's Association, A Textbook of B.C.A Third Year Semester V "Fundamental of Data Science" Dnyanpath Publication	ISBN 13: 978-93-6409-783-3 Nov 2024	Mukti E. Jadhav	Editor
8	Book Editor	"Pratinad Laingik Samanta v Savedanshila" Atharv Publisher, Dhule	978-93-6186-602-9 March 2025	Mukti E. Jadhav	Editor
9	Chapter in Book Unit 4 & Unit 5	A Textbook of B.C.A.Third Year Sem-V "Computer Graphics", Dnyanpath Publication	978-93-6409-898-4 Nov-2024	Mukti E. Jadhav	Main Author
10	Book Editor	A Textbook of Computer Science Major Thory -2 B.Sc.Part II, Sem-III "Relational Database Management System"	978-93-6186-602-9 November 2025	Mukti E. Jadhav	Editor

10. Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position
1	One day Regional level "Technical Exhibition 2015", organized by Marathwada Institute of Technology, CIDCO, Aurangabad	Regional level	College	2 nd Feb 2015	Convener
2	One day "Technical Exhibition 2018", organized by Marathwada Institute of Technology, CIDCO, Aurangabad	Regional level	College	23 rd Feb 2018	Convener
3	Two days Workshop on Advance computing organized by Marathwada Institute of Technology, CIDCO, Aurangabad in collaboration with Institution of Electronics and Telecommunication Engineers, Aurangabad center.	Regional level	College	26 th - 27 th Feb 2018	Convener

4	Two days, National level workshop on “Cyber Security & Cyber Crimes”, organized by Marathwada Institute of Technology, CIDCO, Aurangabad	National level	Industry	14 th &15 th Feb 2015	Organizer
5	Two days Workshop on Multicore System, organized with collaboration of department of computer science Dr. BAMU and Institution of Electronics and Telecommunication Engineers Aurangabad & Marathwada institute of technology, CIDCO, Aurangabad	Regional level	College	19 th - 20 th Dec 2015	Co- Ordinator
6	Blood donation camp, at MIT CIDCO Aurangabad	College Level	College	11 th Aug 2014	Organizer
7	Blood donation camp, at MIT CIDCO Aurangabad	College Level	College	8 Aug 2015	Organizer
8	5 days “Short-Term Computer Training Program”, for Non-Teaching Staff members organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	College Level	College	02 nd to 06 th Dec 2019	Coordinator
9	National Science Day a “Poster Presentation Competition”, Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Buldana	National Level	College	4 th March 2020	Convener
10	Webinar on Cyber Security, organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	State Level	College	09 th July 2020	Coordinator
11	State Level Workshop on “Ethical Hacking”, organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	State Level	College	25 th Feb 2020	Coordinator
12	National Level Workshop on “Cryptocurrency”, organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	National Level	College	26 th March 2021	Coordinator
13	National Level Workshop on “Big Data”, organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	National Level	College	05 th Aug ust 2021	Co- Convener
14	National Level Workshop on “Cyber Security” organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	National Level	College	4 th Mar ch 2022	Organizing Secretary
15	State Level Workshop On PYTHON:organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	State Level	College	30 th Nov 2022	Organizing Secretary

16	National Level Workshop on "The Cult Of Terror, Along with Cyber Crimes", organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	National Level	College	23 rd Aug ust 2023	Organizing Secretary
17	National Level Workshop on "Creation and Protecting Intellectual Property rights" organized by Shri Shivaji Science and Arts college, Chikhli, Dist. Buldana, in collaboration with Technology Information, Forecasting and Assessment Council (TIFAC) and National Intellectual Property Awareness Mission (NIPAM). "Creation and Protecting Intellectual Property rights"	National Level	College	13 th February 2024	Organizing Secretary
18	State Level Workshop On Gender Inclusiveness, organized by Internal Complaint Committee Cell, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	State Level	State Level	5 th August 2024	Convener
19	State Level Interdisciplinary Conference on Gender Equality And Sensitization	State Level	State Level	8 th March 2025	Convener

11. Awards:

Sr.NO	Name of Awarding Body	Name of Award/Honor	Date	Level
1	Vivekanand Shikshan Santha's Institute of Management Studies and Information Technology Vivekanand College Campus, Chh. Sambhajinagar, National Conference on "Advance Trends in Computer and Management Science (ATCMS-2024)	BEST PAPER AWARD, for presenting paper entitled "Comparative Analysis of Different Datasets and Methods Used for Glaucoma"	2024-05-21	National

12. Special Achievement:

- As a Principal NAAC Proceed at MIT CIDCO Aurangabad
- Maharashtra Skill Development Society, eight Vocational Training Program, Started Under Pramod Mahajan Kaushalya Vikas Yojana,
- BVoc Courses Started at MIT CIDCO Aurangabad
- Manager Red Hat Training partner

13. Other Memberships:

Membership of Academic Organizations

: Life Member of ISCA [L28082],
Life Member of IETE [M-208839],
Fellow of IETE[F-208839], Co-opted Member of IETE,
Life Member of Association of All Computer Science Teachers
No. [IL0120240000045]

Dr. Mukti Jadhav