Shri Shivaji Science & Arts College Chikhli, Dist-Buldana

Faculty Profile

Name : **DR. MUKTI EKNATHRAO JADHAV**

Qualification : M.Sc, M.Phil, Ph.D. in ComputerScience

Designation : AssistantProfessor

College : Shri Shivaji Science & Arts College,Chikhli

Address (residential) : AH1/41, Thakre Nagar,

CIDCO, N2, Aurangabad

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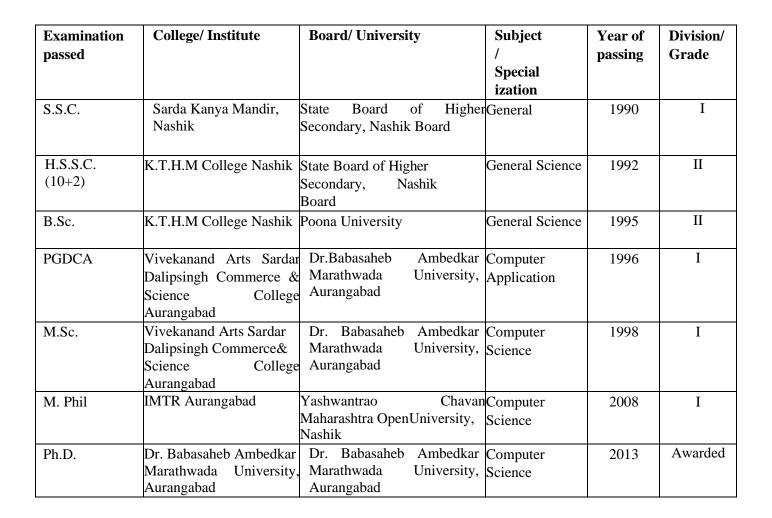
Department : ComputerScience

DateofBirth : 31 July1975

JoiningDate : 21 Sep2019

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 OpenUniversity, Nashik	Computer Science	2008	I
Ph.D.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Computer Science	2013	Awarded

Experience: Teaching	: 23 years	
Research	: 17 years	
Ph.D.ThesisTitle	: "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 2 Students
Paper Published	: 50	
Paper Presented	: International 47	National 05
Book Published	: 04 (Chapters)	
Articles Published	: 03	
Invited Talk & Guest Lectures	**:** 09	
Conference/Workshop Attended	**:** International 27	National 26
Position Held	: In charge Director (IMSIT Aurangabad), Principal (MIT, Aurangabad)	

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

Reseach Gate:- 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.

➢ 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.

➢ 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 Post graduate courses, M.Sc.

- CS, M.Sc. - IT, Mgt. Sci. courses, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

➢ 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.

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.

➢ Manager Red Hat Training partner (MIT CIDCO Aurangabad).

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	
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	Detection Of Human Chorionic Gonadotropin For A Point-Of- Care Immunosensor Using Urine Samples	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-X, Issue-X	Peer-review without Impact Factor	International	
25	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
26	Review on Various Techniques of Cryptography	International Journal for Research in Engineering Application & Management (IJREAM),Dec-2019	ISSN :2454-9150Vol-05, Issue-09, Dec 2019	Impact Factor: 6.466	International	PP. - 208-210
27	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	
28	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
29	A review of sign language and hand motion recognition techniques	International Journal of Advanced Science and Technology (IJAST)Vol. 29, No. 8s, (2020),	ISSN:2005-4238IJAST	Impact Factor 6.466	International	PP. 4621-4635
30	Current Trends In Bio-Sensing Technologies For Tuberculosis Detection	IEEE Xplore:01January 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

31	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
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	Available online 23 January 2021 2666-285X/© 2021 The Authors. Publishing Services by Elsevier B.V. on behalf of KeAiCommunicat ions Co. Ltd.	Scopus	International	PP -1-7
33	Retinal OCT Images for Glaucoma	IEEE IEEE Xplore: 01 January 2021, Electronic	ISBN:978-1-7281-5970-6 Print on Demand (Po D) ISBN:978-1-7281-5971-3	Impact Factor 10.252	International	PP – 35-37
34	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: Recent Trends in Image Processing and Pattern Recognition pp 14-25 First Online: 19 February 2021,	Springer ISBN: 978-981-13-9184-2	Scopus	International	PP. 14-25
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, May2021	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, 2021.

38	Real-Time Detection of Student Engagement: Deep Learning-Based System	© The Author(s), under exclusive license to 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 Medicine16 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 Imagesfor the Detection of Skin Lesions Using SVM and KNN	© The Author(s), under exclusive license to 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	2021 International Conference of Modern Trends in Information and Communication Technology Industry (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	
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	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 Tumour 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)	IJIRT, Volume 8 Issue 11 ISSN: 2349-6002 April 2022	Impact Factor-7.376	International	PP. 594-598

2. Full Papers in 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, 23rd & 24th Feb. 2007	National Conference	Computer implementation of Genetic Algorithm by Reproduction", National Level Student Technical Symposium	Mukti Jadhav	Umrer college of Engineeri ng Nagpur, Feb 2017	
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,16th - 19th Dec 2009		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,16th 19th 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,16th - 19th Dec 2009	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,16th 19th 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,(M.S.) INDIA	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 & Workshop on Electronics & Telecommunication Engineering ICWET 2013 at Thakur college of Engineering, Kandewali Mumbai	International Conference	Acid Fast Staining Sputum images dataset for diagnosis of Tuberculosis	Mukti Jadhav	Thakur college of Engineering, Kandewali Mumbai, 22-23 Jan 2013	
7	2nd International conference on cognitive knowledge	International Conference	Review on image processing techniques	Mukti Jadhav	Department of Computer Science	

	engineering (ICKE-2016)		for glaucoma detection		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	5th 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	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	

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	23rd & 24th 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	2nd -4th 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	1st -2nd 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	1st -2nd Aug 2022	Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

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 SETExamination",	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 January2012.	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 workshop2013	University Level	30th July 2013	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Directorate of Information Technology, Government of Maharashtra
9	Two days workshop on "Microcontrollers and its 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	23rd Dec 2013	Vivekanand Institute of Advance Studies in Management Science & Communications, Aurangabad.
2	Seminar on Data Communication & Networking	2013-14	Guest Lecture	College level	24th 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	13th 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	28th Feb & 1st March 2014	Maharashtra Institute of Technology, Aurangabad.
5	Session Chair	2014-15	National conference on Innovation in computer Applications	National Level	23rd – 24th 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	29th Feb2016	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,	International Level	2nd -4th Feb 2017	Organized by MGM Dr. G.Y.Pathrikar College of Computer Science and

			(ICRACST)-2017			Information Technology, Aurangabad
8	Invited speaker in Orientation faculty development program "Use of Teaching Aides"	2017-18	Faculty Development Program	Region al level	13th Aug 2017	Organized by Shiv Chatrapati college, Aurangabad
9	Session Chair, Paper Reviewer	2019-20	3rd Biennial International Conference on Recent Trends in Image Processing and Pattern Recognition, 3rd – 4th Jan2020 (RTIP2R, 2020	Intern ational Level	3rd – 4th Jan 2020	Department of Computer Science, Dr. B.A.M. University, Aurangabad
10	Career Oriented Program	2019-20	Seminar on Career Oriented Program	Colle ge level	12th Feb2020	Department of Electronics, Shri Shivaji Science &Arts College, Chikhli, Dist. Buldana
11	Invited Resource person at Two Days Faculty Development Program entitled "Research Methodology and Elaborating New Trends in Image Processing"	2021-22	Two Days Faculty Development Program	Regio nal Level	29th 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	Colle ge 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	Colle ge Level	8 Oct 2022 (timings 11:30 AM to 1:30 PM)	New English School And Aabasaheb Chinchwade Jounior College, Chinchwad, Pune

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**	
2	Ms. PramodiniPunde	Ph.D	Oct -2018	**25 Aug 2022**	
3	Ms. GangadeviBedke	Ph.D	Jun 2018		Pursuing
4	Ms. Seema Kute	Ph.D	Jun 2018		Pursuing
5	Ms. Bali Thorat	Ph.D	Jun 2018		Pursuing
6	Mr. Amol Gadkari	Ph.D	Oct-2018		Pursuing
7	Mr. Yogesh Kadam	Ph.D	June-2018		Pursuing
8	Mr. Ibrahim Senan	Ph.D	Sept-2018		Pursuing
9	Mr. Zayed Ahemad	Ph.D	March-2019		Pursuing
10	Mr. Basel Dabawn	Ph.D	Aug-2019		Pursuing

7. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one weekduration)

Sr. No.	Programme	Duration	Organized By
1	68th Orientation courseconducted 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 DataAnalytics	2nd to 6th 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"	2nd May – 10th July 2016	AICTE approved FDP by IIT Bombay
4	One Week Faculty Development Program 2017, on Advances in Computer Science and soft skills,	12th June 2017- 17th 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"	27th Jun 2017 to 2nd 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"	4th to 10th December 2017	Dr. BAM University Dept of CS & IT
7	One Week Online Faculty Development Program on R	23rd April – 28th April 2020	Organized by Dr. G.Y.Pathrikar College of Computer Science & Information Technology, MGMUniversity, Aurangabad, in Association with Spoken Tutorial Project IITBombay

8	One Week Online Faculty Development Program on Moodle :Learning Management System	07th May -12th 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
9	Two - Week Faculty Development Programme on "Managing Online Classes & Co- creating MOOCS"	April 20th - May 06th , 2020	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MinistryOf EducationPanditMadanMohanMalaviyaNational Mission On Teachers AndTeaching
10	Two Week Online Workshop on "Comprehensive e-Learning to e-Training guide for Administrative Work" from May 25 - June 05, 2020	25th May - 05th June 2020	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry Of EducationPanditMadanMohanMalaviyaNational Mission On Teachers AndTeaching
11	4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of HigherEducation"	June 04th - July 01th, 2020	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MinistryOf EducationPanditMadanMohanMalaviyaNational Mission On Teachers AndTeaching
12	Online Short-Term Course on Research Methodology	13th July -16th July 2020	Shri R.L.T. College of Science Akola in AssociationwithPh.D.Cell,S.G.B.A.U.Amravati, Amravati University, Chemistry Teaches Association & Microbiologist Society India
13	Online Guru Dakshta Faculty Induction Program"	1st Feb 2021 to 8th Mar 2021	UGC HRDC Dr. Babasaheb Ambedkar Marathwada UniversityAurangabad
14	FDP on " Robotics Process Automation"	17th May 2021 to 21 05-21	AICTE Training And Learning (ATAL) Academy National Institute of Electronics and Information Technology.
15	Refresher Course in E-Governance and E-Learning	06th December 2021 to 18th December 2021	UGC-Human Resource Development Center Dr.Babasaheb Ambedkar Marathwada University, Aurangabad-431004

8. 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, Aurangpura,	ISBN 978-93-86751-04-1	Mukti E. Jadhav	Second Author

		Aurangabad-431001 (M. S)			
4	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

Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position
4	One day Regional level "Technical Exhibition 2015", organized by Marathwada Institute of Technology, CIDCO, Aurangabad	Regional level	College	2nd Feb2015	Convener
5	One day "Technical Exhibition 2018", organized by Marathwada Institute of Technology, CIDCO, Aurangabad	Regional level	College	23rd Feb 2018	Convener
6	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	26th -27th Feb 2018	Convener
7	Two days, National level workshop on "Cyber Security & Cyber Crimes", organized by Marathwada Institute of Technology, CIDCO, Aurangabad	National level	Industry	14th&15th Feb 2015	Organizer
8	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	19th -20th Dec 2015	Co-Ordinator
9	Blood donation camp, at MIT CIDCO Aurangabad	College Level	College	11^{th}Aug 2014	Organizer
10	Blood donation camp, at MIT CIDCO Aurangabad	College Level	College	8 Aug 2015	Organizer
11	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	02nd to 06th Dec 2019	Coordinator
12	National Science Day a "Poster Presentation Competition", Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Buldana	National Level	College	4th March 2020	Convener

13	Webinar on Cyber Security, organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	State Level	College	09th July 2020	Coordinator
14	State Level Workshop on "Ethical Hacking", organized by Department of Computer Science, Shri Shivaji Science & Arts College ChikhliDist. Buldana	State Level	College	25th Feb 2020	Coordinator
15	National Level Workshop on "Cryptocurrency", organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	National Level	College	26th March 2021	Coordinator
16	National Level Workshop on "Big Data", organized by Departmentof Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	National Level	College	05th August 2021	Co-Convener
17	National Level Workshop on "Cyber Security" organized by Department of Computer Science, Shri Shivaji Science & Arts College Chikhli Dist. Buldana	National Level	College	4th March 2022	Organizing Secretary

9. **Special Achievement:**
   - Maharashtra Skill Development Society, eight Vocational Training Program,Started Under Pramod Mahajan Kaushalya Vikas Yojana.
   - Manager Red Hat Training partner

10. **Other Memberships:**

   Membership of Academic   : Life Member of ISCA[L28082],
   Organizations   Life Member of IETE[M-208839],
                                        Fellow of IETE[F-208839], Co-opted Member of IETE,
                                        Life Member of Nagpur University Teachers Association
                                        (NUTA) No. [6109]

                                                                    Dr. Mukti Jadhav