

**Research and Development Activity –**

## Research Publication

<b>Sr. No</b>	<b>Title with Page no</b>	<b>Journal</b>	<b>ISSN/ ISBN</b>	<b>Whether Peer Reviewed impact factor, if any</b>	<b>No of co-authors</b>	<b>Whether you are main author</b>	<b>Page No Annexure -A</b>
1	Analysis of ZN-Stained Sputum Smear enhanced images for identification of M. Tuberculosis Bacilli cells	International Journal of Computer Application	ISSN: 0975-8887	Impact Factor: 2.52	01	First Author	1-7
2	Mycobacterium Tuberculosis Bacilli cells Identification using moment invariant	International journal Machine Intelligence (IJMI)	ISSN: 0975-2927	Impact Factor: 7.9	03	First Author	8-11
3	Comparison of Classifier For Gujarati Numeral Recognition”, on National Level Workshop on “Digital Image Processing & Pattern Recognition	International journal Machine Intelligence (IJMI)	ISSN: 0975-2927	Impact Factor: 7.9	03	Second Author	12-15
4	Mycobacterium Tuberculosis Bacilli cells Recognition using SVM	Coimbatore Institute of Information Technology International Journals (CiT	ISSN:2319-359x	Impact Factor: 0.652	04	First Author	16-20
5	A Roll of image processing in	International multidisciplinary quarterly	ISSN :2277-5730	Impact Factor: 0.5	04	Second Author	21-28

	diagnosis of Leukemia	research journal					
6.	A review on diagnosis of leukemia using blood microscopic images	An International Multidisciplinary Half yearly research journal vol.1 issue No 1 ISSN:2319-359x, Sep 2012-13 pp 45-51	ISSN:2319-359x, Sep 2012-13	Impact Factor: 0.5	03	Second Author	29-37
7	Execution of scatter nets using DSR protocol for Bluetooth network	International Journal of Multidisciplinary Educational Research, IJMER	ISSN: 2277-7881	Impact Factor 2.972	03	Second Author	38-43
8	Mycobacterium Tuberculosis Bacilli cells Recognition using Multiple Classifier	International Journal of Research in Computer and Communication Technology	ISSN: 278-5841	Impact Factor: 3.751	02	First Author	44-51
9	Acid Fast Staining Sputum images dataset for diagnosis of Tuberculosis	International Journal of Computer Application	ISSN:0975 – 8887	Impact Factor: 2.52	03	First Author	52-57
10	Sentiment Analysis Of Ambedkar.Org, A Dalit Web Portal In India	Advances in Computational Research	ISSN: 0975-3273	Impact Factor: 7.0	02	Second Author	58-60
11	Mining Of Breast Cancer Database For Classification Using Decision Trees	Advances in Computational Research	ISSN: 0975-3273	Impact Factor: 7.0	02	Second Author	61-62
12	Cyber Crime Intensification In The World	Advances in Computational Research	ISSN: 0975-3273	Impact Factor: 7.0	02	Second Author	63-65



**B) (i) Articles / Chapters published in book**

<b>Sr. No</b>	<b>Title with Page no</b>	<b>Book title, Editor and Publisher</b>	<b>ISSN/ ISBN</b>	<b>Whether Peer Reviewed</b>	<b>No of co-authors</b>	<b>Whether you are main author</b>	<b>Page No</b>
1	Chapter in Book- Application of Hill-Climbing Algorithm for Realignment of MRI Images Page No 273-279	Computer Vision and Information Technology Advances and Applications”, IK Publication New Delhi, Dec 2009.	ISBN:978-1-4244-5967-4	Yes	04	Second	66-72
2	Chapter in Book- Detection And Counting Of Tuberculosis Bacterial cell Using Image Processing Page No -280-286	Computer Vision and Information Technology Advances and Applications ”, IK Publication New Delhi, Dec 2009.	ISBN:978-1-4244-5967-4	Yes	04	Yes	73-80

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1	Chapter in Book- Application of Hill-Climbing Algorithm for Realignment of MRI Images Page No 273-279	Computer Vision and Information Technology Advances and Applications”, IK Publication New Delhi, Dec 2009.	ISBN:978-1-4244-5967-4	Yes	04	Second	66-72
2	Chapter in Book- Detection And Counting Of Tuberculosis Bacterial cell Using Image	Computer Vision and Information Technology Advances and	ISBN:978-1-4244-5967-4	Yes	04	Yes	73-80

	Processing Page No -280-286	Applications ”, IK Publication New Delhi, Dec 2009.					
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JOURNAL PUBLICATIONS					
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
Applying Naive Bayesian Classifier for Predicting performance of a Pstudent using Weak	A.P. Tribhuvan	Dept. of Computer Science & IT (PG)	Advances in Computational Research	Jan-15	ISSN: 0975-3273
Sentiment Analysis of Ambedkar.ORG,A dalit web portal in India.	A.P. Tribhuvan	Dept. of Computer Science & IT (PG)	Advances in Computational Research	Feb-15	ISSN: 0975-3274
A peer review of feature based opinion mining and summarization	A.P. Tribhuvan	Dept. of Computer Science & IT (PG)	International Journal of computer Science and Information Technologies	Feb-14	ISSN: 097-3826
Stress analysis of tractor trolley chassis with the effect of various thickness and design optimization of weight reduction	Arun S. Shinde	Dept of Automobile Technology	International Journal of Advance Research and Innovative Ideas in Education	Feb-16	ISSN (Online): 2395-4396
Hyper Spectral Face Recognition using Gabor + KPCA	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	IOSR Journal of Computer Engineering	Feb-18	ISSN: 2278-8727
Hyper Spectral Face Recognition Using KPCA	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	International Journal of Scientific & Engineering Research	Oct-16	ISSN 2229-5518

Isolation of Breast Cancer Accumulation in Mammograms for Improving Radiologists Analysis	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	International Journal of Electrical Energy	Jun-14	doi: 10.12720/ijoee.2.2.94-98
Fingerprint and Palmprint Recognition using neighborhood operation and FAST features	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	International Journal of Computer Application	Jun-14	ISBN: 973-93-80882-12-4
Handwritten and Printed Devanagari Compound using Multiclass SVM Classifier with Orthogonal moment Feature	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	International Journal of Computer Applications	Jun-13	
Recognition of Handwritten Devanagari Compound Character a Moment Feature based Approach	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	International Journal of Machine Intelligence	Nov-13	ISSN: 0975-2927
Multimodal Biometric System Using Finger Knuckle and Nail: A Neural Network Approach	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	International Journal of Electrical Energy	Dec-13	doi: 10.12720/ijoee.1.4.222-227
Zernike Moment Feature Extraction for Handwritten Devanagari (Marathi) Compound Character Recognition	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	International Journal of Advanced Research in Artificial Intelligence	Feb-14	U.S ISSN : 2165-4050

"vVISWa' – A Multilingual Multi-Pose Audio Visual Database for Robust Human Computer Interaction	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	International Journal of Computer Applications	Mar-16	ISBN : 973-93-80891-37-1
Recognition of Isolated Words using Zernike and MFCC features for Audio Visual Speech Recognition	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	Springer International Journal of Speech Technology	2015	ISSN 1381-2416
Analysis of Visual Isolated Words Using Geometric and Fourier Features for Audio Visual Speech Recognition	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	II <sup>nd</sup> National Conference on Natural Language Processing and Data mining	July, 2015	ISSN : 0975-5446
CONFERENCE PUBLICATIONS					
"Deep Learning for Electroencephalographic Biometric Security"	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing	Jan-18	
"Hyper Spectral Image Analysis For Human Authentication"	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	IEEE, Fourth International Conference on Image Information Processing (ICIIP -2017	Dec-17	
Double Layer PCA based Hyper Spectral Face Recognition using KNN Classifier	Dr.Yogesh S Rode	Dept. of Computer Science & IT (PG)	IEEE, International Conference on Current Trends in Computer, Electrical, Electronics and Communication	Sept. 2017	

'Classification of Bimodal digit for Audio Visual Speech Recognition Using HMM	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	National Conference on Image Processing and Pattern Recognition, Bidar	2016	
Analysis of Induced Color for Automatic Detection of ROI Multipose AVSR System	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	International conference on Information System Design and Intelligent Application	2015	DOI 10.1007/978-81-322-2247-7_54
Offline MODI Character Recognition Using Complex Moments	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	Second International Symposium on Computer Vision and the Internet, Procedia Computer Science ,Kochi	2015	
Impact of Zoning on Zernike Moments for Handwritten MODI Character Recognition	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	IEEE International Conference on Computer,Indore	2015	
Automatic Isolation of Region of Interest for Multipose Audio Visual Speech Recognition	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	IEEE International Conference on - INDICON 2014, Pune.	2014	
Recognition of Handwritten MODI Numerals using Hu and Zernike features	Dr. Prashantkumar L Borde	Dept. of Computer Science & IT (UG)	arXiv preprint arXiv:1404.1151	2014	

Workshop/Seminar Organized /Attended -



Sr.No.	Teacher Name (Extra Column)	Number of teachers who attended	Title of the professional development program	Date and Duration (from – to)
1	Dr. Mukti Jadhav	1	One day Workshop on “Image processing Techniques using MATLAB 2012”, at Department of computer science , Maulana Azad college	24/02/2013
2	Mrs.S.M. Chavan	1	Workshop on “Research Methodology” by IIT Bombay	2012-13
3	Dr. Mukti Jadhav	1	One day “e-Governance Workshop 2013”, Organized by Dr. BAMU, Aurangabad, India and Directorate of Information Technology, Govt. Of Maharashtra	30/06/2013
4	Mr.V.V. Joshi	3	“Workshop /training programme of Advance automotive technologies organized by Volkswagen group academy, Shendra MIDC, Aurangabad	22/07/2013 to 26/07/2013
	Mr.Sumit Pawar			
	Ms.Mayura Mulange			
5	Dr. P.L. Borde	1	Short Term Course on " Soft Computing" sponcered by ISTE Organised by Dept. of CS & IT, Dr. B.A.M. University, Aurangabad	29/07/2013 - 02/07/2013
6	Dr. Mukti Jadhav	1	Three days National workshop on “Nano- materials& Nano-technology”, at MIT(T),Satara, Aurangabad	15/09/2013 – 17/09/2013
7	Mr. Jivan Gade	2	“Workshop /training programme of Advance automotive technologies organized by Volkswagen group academy, Shendra MIDC, Aurangabad	06/01/2014 to 10/01/2014
	Mr.Shaikh Mushtaq			
8	Dr. Mukti Jadhav	1	One day workshop for Principals Organized by Academic staff college of Dr. B.A.M.University, Aurangabad	31/01/2014
9	Dr. P.L. Borde	1	Two days Workshop on "Hadoop Technology" organised by Dept. of CS & IT, Dr. B.A.M.University, Aurangabad	22/03/2014 - 23/03/2014
10	Dr. Mukti Jadhav	2	One Week Short Term Training Program on “Big Data Analytics Organized by Department of IT, at People’s Education Society college of Engineering, Aurangabad	02/06/2014 – 6/06/2014
	Mr. S.A. Chavan			
11	Mrs.S.D. Bachhao	2	Workshop on “Computer Programming” by IIT Bombay	16/06/2014- 21/06/2014

	Mrs.S.M. Chavan			
12	Mrs. S.R. Sapkal	2	Workshop on “Cyber security” by IIT Bombay	10/07/2014 - 20/07/2014
	Mrs.S.D. Mengade			
13	Mr.R.U.Kale	1	Project Genesis : GBFS Faculty development program – organized by Infosys Ltd. Pune - Program initiate by TPO- Dr.BAMU Aurangabad	9/09/2014 to 19/09/2014
14	Dr. P.L. Borde	1	Two days National Workshop on Emerging trends in geospatial Technology for smart city Organised by Dept. of CS * IT, Dr. B.A.M.University, Aurangabad	19/09/2014 - 20/09/2014
15	Dr. Mukti Jadhav	15	National Workshop on “Cyber security and Cyber crime” Organised by MIT, Cidco, Aurangabad	14/02/2015 – 15/02/2015
	Mr.S.A. Vyavahare			
	Mr.S.W. Quadri			
	Mr.P.P. Ubale			
	Mrs.S.D. Bachhao			
	Mr.K.R. Gaikwad			
	Mrs. S.R. Sapkal			
	Mrs.Vijaya S.Patil			
	Mrs.S.D. Mengade			
	Mr.S.A. Chavan			
	Mr.R.U.Kale			
	Mr.S.H. Raut			
	Mrs.D.M. Patil			
Mr.V.V. Joshi				
Mr.A.S. Shinde				
16	Dr. P.L. Borde	1	Two Day National Seminar on "Natural language Processing and Data Mining(NLPDM-2015) Organised by Dept. of Comp. Science, Veer Narmad South Gujrat University, Surat	03/03/2015 - 04/03/2015
17	Mrs.Vijaya S.Patil	2	Research Methodology	13/03/2015 – 14/03/2015
	Mrs.D.M. Patil			

18	Mrs.Vijaya S.Patil	1	Embedded Linux development ARM9	17/06/2015-19/06/2015
19	Mr.V.V. Joshi	1	One week STTP on " Design of Experiments & Optimization Techniques " at DIEMS, Aurangabad	May-15
20	Dr. P.L. Borde	1	Three days workshop on "Training using SCILAB and OpenCV for Image Processing" Organised by E & TC Department of AISSMSIOIT, Pune	24/08/2015 - 26/08/2015
21	Dr. P.L. Borde	1	One day Author Workshop on "Scientific Writing & Publishing Scholarly Articles" Organised by Knowledge Resource Center, Dr. B.A.M.University, Aurangabad & Springer	11/4/2015
22	Dr. Mukti Jadhav Mr.S.A. Vyavahare Mrs.S.D. Bachhao Mrs.S.D. Mengade Mrs.S.M. Chavan Mrs. S.R. Sapkal Mrs.Vijaya S.Patil Mr.S.A. Chavan Mr.R.U.Kale Mr.S.W. Quadri Mr.P.P. Ubale Mr.S.H. Raut Mr.K.R. Gaikwad	13	IETE Workshop on "Multicore Technology" Organised by MIT College, Cidco, Aurangabad	19/12/2015-20/12/2015
23	Dr. Y.S. Rode	1	National Android Workshop at Official Zonal Center, MGM Dr. G. Y. Pathrikar college of CS and IT Aurangabad Organised by ARK Technosolutions & Robokart.com in association with AMALGAM, IIT Madras	02/02/2016 - 03/02/2016
24	Dr. Y.S. Rode	1	Two days National workshop on Multicore Technology Organised by IETE Center & MGM Dr. G. Y. Pathrikar college of CS and IT Aurangabad	17/02/2016 - 18/02/2016

25	Mr.A.S. Shinde	1	Attended in Two days" workshop organized by IIT Bombay E-Yantra Robotics	19/02/2016
26	Dr. P.L. Borde	1	One Day Workshop on "LATEX for project Seminar, Thesis Typsetting" held at Department of chemical technology, Dr. B.A.M.University, Aurangabad	3/5/2016
27	Dr. Mukti Jadhav	1	Use of ICT in Education for Online and Blended Learning by IIT Bombay	02/05/2016 – 10/06/2016
28	Rutuja Sontakke	1	Faculty Development Program on "Cyber security" Organised by MIT(T), Satara, Aurangabad	28/01/2017 - 4/02/2017
29	Dr. Mukti Jadhav	1	Two days National level seminar on Quality sustenance and Quality Enhancement by IQAC at Institution Level, organized by MGM Dr. G. Y. Pathrikar college of CS and IT Aurangabad	31/01/2017 – 1/02/2017
30	Dr. Mukti Jadhav	12	Three days Workshop on "Android Application Development" Organised by MIT College, Cidco, Aurangabad	10/02/2017-12/02/2017
	Mr.S.A. Vyavahare			
	Mr.R.U.Kale			
	Mr.S.W. Quadri			
	Mr.P.P. Ubale			
	Mr.S.H. Raut			
	Mrs.S.D. Bachhao			
	Mrs.S.D. Mengade			
	Mr.S.A. Chavan			
	Mrs.S.M. Chavan			
	Mrs.Vijaya S.Patil			
Mrs. S.R. Sapkal				
31	Dr. Mukti Jadhav	3	One day training program on Sexual harassment of women at work place(Prevention, prohibition and redressal) Act - 2013	21/02/2017
	Mrs. S.R. Sapkal			
	Mrs.S.D. Bachhao			
32	Dr.Mukti Jadhav	2	One Week Course on "Perception and Modelling of Three Dimentional Scenes" Organised by Department of CS & IT, Dr. B.A.M.U, Aurangabad	04/12/2017 - 10/12/2017
	Dr. Y.S. Rode			

33	Dr.Mukti Jadhav	1	One Week 'Faculty Orientation Programme 2017 on Advance in Comp. Science & Soft Skills Organised by MGM Dr. G.Y. Pathrikar College of CS & IT, Aurangabad	12/06/2017 - 17/06/2017
34	Dr.Mukti Jadhav	1	One Week Short Training Programme on " Implementation of IOT using Raspberry Pi and Arduino" Organised by Department of E & TC Engg. MIT Satara, Aurangabad	27/06/2017 - 02/07/2017
35	Dr.Mukti Jadhav	10	Two DAYS Workshop on " Advance in Computing" Organised by IETE Aurangabad & MIT Cidco, Aurangabad	26/02/2018 - 27/02/2018
	Mr.S.A. Vyavahare			
	Mr.S.W. Quadri			
	Mr.P.P. Ubale			
	Mr.S.H. Raut			
	Dr. P.L. Borde			
	Mrs.S.D. Mengade			
	Mrs. Arohi Patil			
	Mrs. Rutuja Sontakke			
	Mrs.S.M. Chavan			