

## RESUME

**Dr. Mukti E. Jadhav**

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### Summary of Qualifications

Ph.D.(Computer Science), M.Phil.(Computer Science), M.Sc.(Computer Science),MIETE.

### EXPERIENCE

- Working as Principal, Marathwada Institute of Technology, CIDCO, Aurangabad from 3<sup>rd</sup> Jan 2014 to till date
- Worked as an Assistant Professor (Dept. of MCA) in Marathwada Institute of Technology, Aurangabad from 2<sup>nd</sup> Aug 2013 to 2<sup>nd</sup> Jan 2014.
- Worked as an Assistant Professor (Co-ordinator MCA) in Institute of Management Studies & Information Technology, Aurangabad from 1<sup>st</sup> Aug 2008 to 1<sup>st</sup> Aug 2013 and in-charge director from 25<sup>th</sup> July 2012 – 31<sup>st</sup> May 2013 in same institute.
- Worked as a lecturer in Vivekanand Institute of Advance Studies in Management Science & Communications from 1<sup>st</sup> Nov 2003 to 31<sup>st</sup> July 2008, Aurangabad.
- Worked as a lecturer in Vivekanand Arts Sardar Dalipsing Commerce And Science College, Aurangabad from 1<sup>st</sup> June 1998 to 31<sup>st</sup> Oct 2003.
- Worked as an Instructor at Vivekenand Arts Sardar Dalipsing Commerce And Science college, Aurangabad from 1<sup>st</sup> July 1996 to 31<sup>st</sup> May 1998.

### UNIVERSITY LEVEL ACTIVITIES

- Working as Advisory committee member for National Conference on Innovations in Computer Application, Jan 2015, at MIT Aurangabad.
- Working as member of BCS/M.Sc. Syllabus Designing committee.
- Working as a member 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.
- Working as a member of paper setting/checking Committee for Post graduate courses, M.sc. - CS, M.Sc. - IT, MCA Mgt. Sci. courses, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad.
- Working 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 Technique.
  - Worked as member of two International conference – ACVIT-07 & 2<sup>nd</sup> International conference ACVIT-09 at Aurangabad on 28 – 30 Nov 2007 & 16-19 Dec 2009 respectively.

### **International/ National Conferences/workshop/Training Programs participated**

- Member of the Institute of Electronics And Telecommunication Engineers.
- Participated in workshop on “OOAD with UML” Conducted in association with M/s SEED Infotech, Pune at Govt College of Engineering Aurangabad, on 19<sup>th</sup> & 20<sup>th</sup> Aug 2003 .
- Participated in workshop on “Effective and Efficient Preparation of SET Examination”, Organized for computer science, at Dr. BAMU, Aurangabad on 1<sup>st</sup> -3<sup>rd</sup> Feb 2004.
- Participated in International conference – ACVIT-07, at Aurangabad on 28 – 30 Nov 2007.
- A Grade obtained in 68<sup>th</sup> Orientation course conducted by UGC Academic staff college, Dr. BAMU Aurangabad, 2007.
- Submitted Research work on “Detection of drug resistant Tuberculosis Bacteria Using Microarray Analysis”. For the partial fulfillment of M.Phil comp.sci. 2008
- Thesis submitted on “Sputum Image Analysis for diagnosis of pulmonary tuberculosis” for Ph.D in Computer science.
- Participated in workshop on “Open Source Quantum GIS”, Organized by Department of Computer Science and Information Technology, 3<sup>rd</sup> Sep 2011, at Dr. BAMU, Aurangabad.

- Participated in “Inter Collegiate Research Festival (Avishkar 2012)”, organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on January 2012.
- Poster presented in “VI<sup>th</sup> Maharashtra State Inter University Research Convention (Avishkar 2012)”, Sputum Image Analysis for Diagnosis of pulmonary Tuberculosis’, organized by Shivaji University, Kolhapur, on 13<sup>th</sup> - 15<sup>th</sup> January 2012.
- National Level Workshop on “Digital Image Processing & Pattern Recognition”, Sponsored by UGC Organized by Dept of collegiate Education Govt College, Mandya, Karnatka, on 3<sup>rd</sup> – 5<sup>th</sup> Nov. 2011.
- Workshop on “Image Processing Using Matlab 2012”, at Maulana Azad College, on 24 Feb 2013.
- Participated in e- Governance workshop 2013 Organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Directorate of Information Technology, Government of Maharashtra on 30<sup>th</sup> July 2013
- Two days workshop on “Microcontrollers and its Applications” at Dr Rafiqu Zakaria campus, Maulana Azad College, on 5<sup>th</sup> & 6<sup>th</sup> July 2013.
- The Three days National workshop on “Nanomaterials & Nanotechnology”, Organize at MIT, Aurangabad, 15<sup>th</sup> to 17<sup>th</sup> September 2013.
- Participated in UGC sponsored one day workshop for Principals organized by Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on 31 January 2014.
- Participated in One Week Short Term Training Program on “Big Data Analytics 2<sup>nd</sup> to 6<sup>th</sup> June 2014, Organized by Department of IT, at People’s Education Society college of Engineering, Aurangabad.
- Participated on “Four Week AICTE approved FDP by IIT Bombay on - Use of ICT in Education for Online and Blended Learning”, 4 May 2016 to 10 July 2016.
- Participated as “**Session coordinator**”, 2nd International Conference on Cognitive Knowledge Engineering (ICKE-2016). On behalf of Technical Committee, I am privileged to invite you to review the manuscripts submitted to ICKE-2016 scheduled on 21st-23rd December, 2016 at Aurangabad, Maharashtra, India.
- Participated as “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 on 31 January to 1 February 2017

- Participated as **“Session coordinator”**, in three days “International Conference on Recent Advances in Computer Science, Engineering and Technology” scheduled from 2-4, February 2017

## **PUBLICATIONS**

### **International Journals**

- Jadhav Mukti, Kale K.V., “Analysis of ZN-Stained Sputum Smear enhanced images for identification of M. Tuberculosis Bacilli cells”, in International Journal of Computer Application (IJCA), ISSN : 0975-8887, 30 June 2011, Vol.23-No.5, pp 10-16
- Jadhav M.E., Baheti M.J., Kale K.V., “Mycobacterium Tuberculosis Bacilli cells Identification using moment invariant”, on National Level Workshop on “Digital Image Processing & Pattern Recognition “(DIPPR-2011) at Govt. College, Mandiya, in Collaboration with Maharaja Institute of Technology, Mysor, Karnataka on 3<sup>rd</sup> -5<sup>th</sup> Nov. 2011. Published by Bioinfo Publication in international journal Machine Intelligence (IJMI) ISSN: 0975-2927 & E-ISSN : 0975-9166, Vol. 3, issue 3, 2011, pp146-149.
- Baheti M.J., Jadhav M.E., Kale K.V., “Comparison of Classifier For Gujarati Numeral Recognition”, on National Level Workshop on “Digital Image Processing & Pattern Recognition “(DIPPR-2011) at Govt. College, Mandiya, in Collaboration with Maharaja Institute of Technology, Mysor, Karnataka on 3<sup>rd</sup> -5<sup>th</sup> Nov. 2011. Published by Bioinfo Publication in international journal Machine Intelligence (IJMI) ISSN: 0975-2927 & E-ISSN: 0975-9166, Vol. 3, issue 3, 2011, pp160-163.
- Jadhav M.E., Baheti M.J., Mane Arjun, Kale K.V., “Mycobacterium Tuberculosis Bacilli cells Recognition using SVM”, in Coimbatore Institute of Information Technology International Journals (CiiT), ISSN : 0974 – 9691, Vol. 3 No 20, Dec 2011, pp 1269-1277.
- Rege M.V, Mukti Jadhav, Kulkarni N N, “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.
- Rage M.V, Mukti Jadhav, V. Pawar, Kulkarni N.N., “A Roll of image processing in diagnosis of Leukemia”, An international multidisciplinary quarterly research jornal ISSN :2277-5730 Oct-Dec 2012, vol1 issue 4, pp 19-24.
- Sandip Pawar, Gaikwad B.P. Mukti Jadhav, “Execution of scatternets using DSR protocol for Bluetooth network”, International Journal of Multidisciplinary Educational Research, IJMER; ISSN: 2277-7881; IF-2.735; V:5.16; Vol 3, Issue 3(8), March 2014, pp 108-113.

- Mukti Jadhav, K. V. Kale, "Mycobacterium Tuberculosis Bacilli cells Recognition using Multiple Classifier", International Journal of Research in Computer and Communication Technology, Vol 3, Issue 11, November - 2014, ISSN 278-5841, pp 1645-1652.
- Mukti Jadhav, K. V. Kale, "Mycobacterium Tuberculosis Bacilli cells Recognition using Multiple Classifier", International Journal of Research in Computer and Communication Technology, ISSN (Online) 2278- 5841, ISSN (Print) 2320-5156, Vol 3, Issue 11, PP 1645-52 November – 2014
- Bharat Gaikwad, Mukti Jadhav, "Cyber Crime Intensification In The World", Advances in Computational Research ISSN: 0975-3273 & E-ISSN: 0975-9085, Volume 7, Issue 1, 2015, pp.-179-181, January 15, 2015.
- Punde P.A. Jadhav M.E," Mining Of Breast Cancer Database For Classification Using Decision Trees", Advances in Computational Research ISSN: 0975-3273 & E-ISSN: 0975-9085, Volume 7, Issue 1, 2015, pp.-185-186, January 15, 2015.
- Tribhuvan A.P., Jadhav M.E., "Sentiment Analysis Of Ambedkar.Org, A Dalit Web Portal In India", Advances in Computational Research ISSN: 0975-3273 & E-ISSN: 0975-9085, Volume 7, Issue 1, 2015,pp.-203-205, January 15, 2015.
- Pramodini A. Punde , Mukti E.Jadhav, Ganga Bedke, "Early Detection of Glaucoma Using Eye Tracker Metrics", IOSR Journal of Computer Engineering (IOSR-JCE), e-ISSN: 2278-0661,p-ISSN: 2278-8727, PP 60-64.

### **National Conferences**

- Jadhav M.E.,Kulkarni A. V.,"Computer implementation of Genetic Algorithm by Reproduction", National Level Student Technical Symposium, "ASCENT" at BCYRC's Umrer college of Engineering Nagpur on 23<sup>rd</sup> & 24<sup>th</sup> Feb. 2007.
- Jadhav M.E., Manza R.R., "Detection of Drug Resistant Tuberculosis Bacteria Using Microarray Analysis- Spotfinder", National conference "Emerging Trends in Information Technology" at People's Education Society college of Engineering, Aurangabad on Bioinformatics 2008.
- Rage M.V, Mukti Jadhav, V. Pawar, Kulkarni N.N., "The use of Image processing in Medical Terminology"National Conference entitled "Managealization : 2013 Fostering Management & IT for Gen-Next", at Department of Management Science,Dr. Babasaheb Ambedkar Marathwada University,Sub-Campus, Osmanabad,(M.S.) INDIA, on 2nd March 2013

### **International Conferences**

- Jadhav M.E., Gadre S.R., Kulkarni A.V.,Gaikwad A.T. & Kale K.V. " Detection And Counting Of Tuberculosis Bacterial cell Using Image Processing", 2<sup>nd</sup>

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, 16<sup>th</sup> -19<sup>th</sup> Dec 2009, pp. 280-286.

- Gadre S.R., Jadhav M.E., Kulkarni A.V., Gaikwad A.T. & Manza R.R. "Application of Hill-Climbing Algorithm for Realignment of MRI Images", 2<sup>nd</sup> 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, 16<sup>th</sup>-19<sup>th</sup> Dec 2009, pp.273-279.
- Jadhav Mukti, Janrao, Prachi, Kale K.V, "Acid Fast Staining Sputum images dataset for diagnosis of Tuberculosis", Paper published in ICWET 2013 at Thakur college of Engineering, Kandewali Mumbai , 22-23 Jan 2013.

### **ORGANIZED**

- National Level Workshop on Cyber Security & Cyber Crime at MIT(E), Aurangabad on 14 & 15 Feb 2015.
- Regional Level Technical Exhibition at MIT CIDCO Aurangabad. On 2<sup>nd</sup> Feb 2015.
- Blood donation camp, at MIT CIDCO Aurangabad, 11 Aug 2014, 9 Aug 2015, 8 Aug 2016.
- Coordinator for NMEICT (National Mission on Education through ICT), initiatives being provided by MHRD, Govt. of India, at MIT CIDCO.
- Organized two Days Workshop on "Multicore Technology", on 19 & 20 Dec 2015, at MIT CIDCO, Aurangabad.

### **PROJECTS HANDLED**

- Handled various projects in FoxPro, VB, VB.Net ,IP,'Oracle and d2k', for BCS, BCM, MCM and PGDCA, MSc.(Comp.Sci),MCA courses.
- Conducted Seminars for M.sc. and B.Sc. students.

### **TECHNICAL SKILL**

**Image processing, Neural Network.**

### **EDUCATION Assistant Professor**

**Ph.D. (Comp. Sci.)** Dr. B.A.M.U. Aurangabad – Awarded 28/2/2013.

<b>M.Phil (Comp. Sci.)</b>	Y.C.M.O.U. Nashik 2008 Aggregate : 70.43%
<b>M.Sc (Comp. Sci.)</b>	Dr. B.A.M.U. Aurangabad – 1998 Aggregate : 63%.
<b>PGDCA</b>	Dr. B.A.M.U.Aurangabad–1996 Aggregate : 77.7%.
<b>B.Sc.</b>	Poona University -1995 Aggregate : 56.8%
<b>H.S.C.</b>	Nashik Board. - 1992. Aggregate : 52%.
<b>S.S.C.</b>	Nashik Board. - 1990. Aggregate : 63%.

### **ACADEMIC PROJECTS**

- 1) Bacterial Analysis of tomato products.
- 2) Data base management for Medical Store Management in FoxPro.
- 3) Mycobacterium Tuberculosis Detection Using Microarray.
- 4) Sputum Image Analysis for Diagnosis of Pulmonary Tuberculosis.

### **PERSONAL DETAILS**

<b>Languages Known</b>	English, Marathi, Hindi
<b>Date of Birth</b>	31 July 1975.
<b>Marital Status</b>	Married.
<b>Gender</b>	Female.
<b>Nationality</b>	Indian.
<b>Hobbies</b>	Reading, listening music, traveling

Dr. Mukti E. Jadhav