



**Monali Yashawant Khachane**  
 Assistant Director/Assistant Professor,  
 Yashwantrao Chavan School of Rural Development,  
 Shivaji University, Kolhapur  
 Mobile No : 9860730738  
 E-Mail: monalikhachane@gmail.com

### **Academic qualification**

Course	University/Board	Year	Subject
B. Sc	North Maharashtra University, Jalgaon	2004	Computer Science
M. Sc	North Maharashtra University, Jalgaon	2007	Computer Science
SET	Maharashtra State	2010	Computer Science

### **Teaching Experience:-**

Course	Institute	Position Held	Status of Appointment	Period of Appointment	
				From	To
U.G & P.G Both	Department of Management and Studies, North Maharashtra University , Jalgaon	Lecturer	Temporary	17 Aug 2007	11 May 2008
U.G & P.G Both	Department of Management and Studies, North Maharashtra University , Jalgaon	Lecturer	Temporary	01 Aug 2008	04 May 2009
U.G & P.G Both	Department of Management and Studies, North Maharashtra University , Jalgaon	Lecturer	Temporary	17 Jul 2009	15 May 2010
U.G & P.G Both	KCES's Institute of Management and Research , Jalgaon	Assistant Professor	Permanent	01 Jul 2010	<b><u>13 Nov 2014</u></b>

**A) Present Designation:** Assistant Director/ Assistant Professor

**B) From:** 14-Nov-2014

**C) Name of the Institution:** Yashwantrao Chavan School of Rural Development,  
Shivaji University, Kolhapur

**D) Experience Type:** P.G

**Academic Interest:**

1. Computer Science :- XML and web Services, Data Warehousing and Data Mining, C++, Java, Visual Basic, VB .NET, HTML, Internet and Web designing, PHP,DBMS, ORACLE, Software Engineering, Software Project , Fundamentals of Computer Science & Operating system Management, MS-OFFICE-2007
2. Computer Management :IT for Managers, Management Information System & ERP, E-Commerce
3. Other: Environmental Science

**Research Interest:**

1. Fuzzy Logic, Medical Image Analysis, Digital Image Processing

**Publications:**

**International (06)**

1. Dr. R. J. Ramteke, Khachane Monali Y., **“Automatic Medical Image Classification and Abnormality Detection Using K-Nearest Neighbor”**, International Journal of Advanced Computer Research (ISSN (print): 2249-7277 ISSN (online): 2277-7970) Volume-2 Number-4 Issue-6 December-2012[Citation 22]
2. Monali Y. Khachane, R. J. Ramteke, **"Fuzzy Rule Based Multimodal Medical Image Edge Detection "**, International Journal of Computer Applications (0975 – 8887) Recent Advances in Information Technology, 2014, IJCATM : www.ijcaonline.org,pp.28-32 [Citation 1]
3. Monali Y. Khachane, R. J. Ramteke, R. R. Manza, **" Fuzzy Rule Based Classification of Human Spermatozoa "**, Proceeding of the IEEE International Conference on Electrical, Electronics, Signals, Communication and Optimization(EESCO) ,ISBN:978-1-4799-7676-8 and IEEE copyright notice:978-1-4799-7678-2/15/\$31.00 2015IEEE
4. Monali Y. Khachane, R. J. Ramteke, **“Automated Text Detection and Separation from Medical Images”**, Proceeding of National Seminar Recent Trends in Information Technology,ISBN:978-93-5202-735-4,PP.48-51
5. Monali Y. Khachane, R. J. Ramteke, **“Modality Based Medical Image Classification”**, Springer Science + Business Media Singapor 2016,ISBN Print 978-981-10-0286-1,Online 978-981-10-0287-8, DOI 10.1007/978-981-10-0287-8-55,PP. 597-606

6. Monali Y. Khachane, **“Fuzzy Based CT Scan Brain Image Classification”**, International Journal of Latest Research in Science and Technology, Volume 4, Issue 6 :PP 71-74 Nov-Dec 2015, ISSN(Online) :2278-5299

### **Conferences:**

#### **International (05 Paper Presented)**

1. Paper Presented ,**“Security Technique Using Text Mixing Cryptography”**, in The International Conference on “Vision 2020-Managerial Challenges And Strategies Held By IBS Ahmadabad On 2<sup>nd</sup> -4<sup>th</sup> Jan.,2009
2. Paper Presented, **“Automatic Medical Image Classification and Abnormality Detection Using K-Nearest Neighbor”** , in Two Day International Conference International Conference on Emerging Trends and Technology, ICETT 2012,15-16 DEC, Indore
3. Paper Presented, **“Fuzzy Based Medical Image Modality Classification”** , in Two Day International Conference MMOTSE-2013,organised by Applied Science Department of SSBT's COET, Bhambhori, Jalgaon on 26 and 27th Jul 2013
4. Poster Presented, **“Automated Medical Image Modality Classification Using Texture Feature Extraction”** , in Three Day International Conference on Cognition Emotion and Action, organized by IIT Gandhinagar on 06-08 Dec,2013
5. Paper Presented, **“Fuzzy Based CT Scan Brain Image Classification”**, International Conferences on Mathematics ,organized by Saint Gadage Baba College ,Karad,15<sup>th</sup> and 16<sup>th</sup> Sept 2015

#### **National (07 Presented +02 Participated)**

1. Paper Presented, **“E Learning Using Facial Expression”**, in The National Conference On Emerging Trends in Information Technology, Held At Baramati on 29<sup>th</sup> -30<sup>th</sup> September, 2006.
2. Paper Presented, **“Biometric Recognition Using Multimodal Approach”**, in The National Conference on Emerging Trends in Information Technology, Held At Baramati On 29<sup>th</sup> -30<sup>th</sup> September, 2006.
3. Paper Presented, **“Implementing ICT In Rural India: Issues And Implications”**, in The National Conference on Sustainable Rural Development: A Strategic Roadmap For Economic Excellence Held During September 25<sup>th</sup> & 26<sup>th</sup> ,2008
4. Paper Presented , **“Medical Image Segmentation Using Fuzzy Clustering Algorithm”** , in The National Conference Current Trends in Computer Science ,Organized By Dr. Padamashree Dr. D.Y. Patil Arts, Commerce And Science College, Pimpri, Pune On 21<sup>st</sup> -23<sup>rd</sup> Feb. 2011.

5. Participated in National Conference On “Advances In Computing” , Organized By Department of Computer Science , North Maharashtra University, Jalgaon On 16<sup>th</sup> -17<sup>th</sup> March, 2012
6. Participated in Two Day National Conference, “National Conference On Advance Computing”, Organized by School of Computer Science, North Maharashtra University, Jalgaon, On 5<sup>th</sup> and 6<sup>th</sup> March 2013.
7. Paper Presented , **"Fuzzy Rule Based Multimodal Medical Image Edge Detection"**, in the National Conference on Recent Advances in Information Technology, Organized by Department of Computer Science and Computer Applications, Solapur University, Solapur on 15-16 Feb,2014
8. Paper Presented , **"Review of Current Computer Aided Diagnosis Systems"**, in the National Conference NCRTCSA-2015, Organized by KCES's Institute of Management and Research, Jalgaon in association with North Maharashtra University, Jalgaon on 27-28 Jan 2015
9. Paper Presented , **"Medical Image Classification using Data Mining"**, in National Conference on National Conference on Applied Statistics, Organized by Department of Statistics, Shivaji University,Kolhapur,11-12 March 2016

#### **Workshop :(11)**

1. Participated in National Workshop On **“Emerging Research Trends In Advanced Computing”** , Organized by Department Of Computer Science , North Maharashtra University, Jalgaon On 14<sup>th</sup> -15<sup>th</sup> July,2007
2. Participated in **“Training On SPSS”**, Organized by Department Of Management Studies, North Maharashtra University, Jalgaon On 24<sup>th</sup> & 25<sup>th</sup> Jan .2008
3. Participated in National Workshop On **“Advances In Computing”** , Organized by Department Of Computer Science , North Maharashtra University, Jalgaon On 16<sup>th</sup> -17<sup>th</sup> March, 2009
4. Participated in One day Workshop **“Research in Computer Science”** for Faculty and Research Scholars organized by KCES's Institute of Management and Research, Jalgaon in association with North Maharashtra University, Jalgaon On 22nd October, 2011.
5. Participated in National Workshop On **“Research Methodology”** , Organized By North Maharashtra University, Jalgaon on 20-24th Sept. 2012
6. Participated in **“Short Term Training Program on C# & ASP .NET”**, Organized By ISTE chapter of KCES's College Of Engineering and Information Technology, Jalgaon on 27 June-08 July 2011.

7. Participated in One day Workshop **“Yashwantrao Chavan and Social Justice”** organized by Yashwantrao Chavan School of Rural Development, Shivaji University, Kolhapur on 04 Dec 2014.
8. Participated in Two day Workshop **“Academic Writing, Combating Plagiarism, Citation Management and Publishing Research Papers in High Impact Factor Journals”** organized by Yashwantrao Chavan School of Rural Development, Shivaji University, Kolhapur on 08-09 Jan 2015.
9. Participated In One day Workshop **“Quality in Higher Education”** organized by CSIBER, Kolhapur on 27 July, 2015.
10. Participated in Two Day International Conference, **“Yashwantrao Chavan :Model of Agro Industrial Society”**, organized by Yashwantrao Chavan School of Rural Development , Shivaji University, Kolhapur on 17-18 Feb 2016.
11. Participated in Two Day National Seminar, **“Contemporary Successful Models of Rural Development”**, organized by Yashwantrao Chavan School of Rural Development, Shivaji University, Kolhapur on 11-12 March 2016.

#### **Faculty Development Program :(04)**

1. Participated in **“SPSS 17.0 Faculty Development Program”**, Organized By SPSS South Asia And Department Of Management Studies, North Maharashtra University, Jalgaon On 10<sup>th</sup> & 11<sup>th</sup> Feb.2009
2. Participated in Management Development Program on **“Information System Audit”** Organized By AIM ,Management Development Centre , Chalisgaon On 30<sup>th</sup> Aug, 2009
3. Participated in One day Faculty Development Seminar on **“Computer Management”** ,Organized by KCES’s Institute of Management and Research, Jalgaon in association with North Maharashtra University, Jalgaon On 24<sup>th</sup> August,2011.
4. Participated in **“06 Day Faculty Development Program”** organized by Department of Education, Shivaji University, Kolhapur on 29th Dec 2014 -03 Jan 2015.

#### **Extention Work Carried Out:-**

1. Appointed as **ARC Officer** , MBA Online Admission Process , Department Of Management Studies, North Maharashtra University, Jalgaon
2. External Examiner For External Practical’s of MCA, M. Sc. (Computer Science),MBM(Comp. Mgmt), BBM

3. Appointed as **member of BOS** on Ad-hoc basis under Faculty of Science in Diploma in Animation & Web Designing, Two years from 22-08 2013
4. Worked as **Teacher In charge of SC/ST Remedial Coaching for MCA (Rural Informatics) course** during 2014-2015.
5. Convener of Two day International Conference, “**Yashwantrao Chavan: Model of Agro Industrial Society**”, organized by Yashwantrao Chavan School of Rural Development, Shivaji University, Kolhapur on 17-18 Feb 2016.
6. Worked as **Teacher In charge of SC/ST Remedial Coaching for MCA (Rural Informatics) course** during 2015-2016.