

## BRIJMOHAN DAGA

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### EXPERIENCE

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- 2003 – To date Fr. Conceiao Rodrigues College of Engineering, Mumbai Associate  
Professor & Head of Department from 2019
- 2000 - 2003 Birla Technologies, Mumbai  
Project Manager
- 1999 - 2000 Akansha Infotech, Mumbai  
*Project Leader*
- 1998 – 1999 Ramrao Adik Institute of Technology, Mumbai  
*Sr. Lecturer*
- 1990 – 1997 College of Engineering & Technology, Jalgaon  
*Lecturer*

### EDUCATION

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- 2012-2018 Sant Gadage Baba Amravati University
- Ph.D. (Computer Science & Engineering)  
Topic - Content Based Video Retrieval Systems using Semantic Approach
- 1996-1998 National Institute Of Technology(REC), Allahabad
- ME -Computer Science & Engineering , First Class  
Project Title – Transaction Management in Temporal Databases
- 1986-90 -Govt. Engineering College, Amravati
- B.E. (Computer Engineering) , First Class  
Project – Asset Management and Tracking System

### International Journals

[1] B. V. Patel, B.S. Daga, Dr. B. D. Meshram, "Building Multimedia Applications", International Journal on Computer Engineering and Information Technology, Vol 14, Issue 19, January 2010 , ISSN - 0974-2034, IJCEIT, pp 10-15

[2] B. S. Daga, A. A. Ghatol, V.M. Thakare, (2017, June). "Semantic Enriched Lecture Video Retrieval System Using Feature Mixture and Hybrid Classification". Advances in Image and Video Processing [Scopus-Online]. DOI:10.14738/aivp.53.2852, Vol 5(3), ISSN- 2054 -7414. Available: <http://dx.doi.org/10.14738/aivp.53.2852>

[3] B. S. Daga, A. A. Ghatol, V.M. Thakare, (2017, February). "Facial semantic recognition method for content based video retrieval systems". International Journal of Emerging Trends and Technology in Computer Science [UGC-approved-Online]. Vol 6(1), ISSN – 2278-6856. Available: <http://www.ijettcs.org/Volume6Issue1/IJETTCS-2017-02-26-47.pdf>

[4] B. S. Daga, A. A. Ghatol, A. B. Daga, (2017, January). "Video events extraction based on mixed feature modeling". International Journal of Computer Applications [Online]. DOI: 10.5120/ijca2017912685, Vol. 157 (10),ISSN – 0975-8887. Available: <http://dx.doi.org/10.5120/ijca2017912685>

[5] B. S. Daga, A. A. Ghatol, (2016, December). "Multicue optimized object detection for automatic video event extraction". Indian Journal of Science and Technology [Scopus-Online]. DOI: 10.17485/ijst/2016/v9i47/100290,Vol9(47),ISSN– 0974-5645. Available: <http://www.indjst.org/index.php/indjst/article/view/100290/76770>

[6] B. S. Daga, A.A. Ghatol, (2016, December). "Detection of objects and activities in videos using spatial relations and ontology based approach in video database

system". International Journal of Advances in Engineering and Technology [UGC-approved-Online]. DOI:10.7323/ijaet, Vol. 9(6), ISSN – 2231 - 1963. Available: <http://www.ijaet.org/media/9136-IJAET0936228-v9-i6-pp640-650.pdf>

[7] B. S. Daga, Jason Dsouza, Ryan Furtado, Manupendra Tiwari , " Authorship Identification: Naïve Bayes with XGBoost Approach" , International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) , Volume 8, Issue 3, May - June 2019 , pp. 001-007 , ISSN 2278-6856.

[8] B.S. Daga, Glaston Dsouza, Aadesh Bassi, Lionel Lobo , " Speech Emotion Recognition using Convolutional Neural Networks" , International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) , Volume 8, Issue 3, May - June 2019 , pp. 008-013 , ISSN 2278-6856.

## **International Conferences**

[1] B. S. Daga, A. A. Ghatol, V. M. Thakare, "Silhouette based human fall detection using multimodal classifiers for content based video retrieval systems", International Conference on Intelligent Computing, Instrumentation and Control Technologies, Publishing in IEEE Xplore, ISBN-978-1-5090-6106-8, 2017

[2] B. S. Daga, "Content based video retrieval using color feature: An integration approach", Springer-Verlag Berlin Heidelberg, Communications in Computer and Information Science, ISBN - 978-3-642-36320-7, Vol 361, 2013, pp. 609-619

[3] B. S. Daga, A Bhute, A Ghatol, "Implementation of parallel image processing using NVIDIA GPU framework", Springer-Verlag Berlin Heidelberg, Communications in Computer and Information Science, ISBN -978-3-642-18440-6, Vol. 125, 2011, pp.457-464

[4] B. S. Daga, Avinash N. Bhute, "Predicting Recurrence Pattern in Breast Cancer Using C4.5 Algorithm", International Conference on Intelligent Systems in Nano

Technology (IISN-2010), 2010, India

#### IMPORTANT RESPONSABILITIES & INTERACTION WITH OUTSIDE WORLD

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- Committee Member and Reviewer – International Conference on Advances in, Communication and Control, ICAC3'11, 13,15,17,19
- Committee Member – National Conference on Algorithms 2008.
- Management Representative - Association of the Managements of Un-Aided Engineering Colleges.
- Mentor - Smart India Hackathon Team at Sathybhama Deemed University, Chennai
- Panel of Judge – Institute of Engineering and Technology's, International Professional body for Engineers (IET PATW) , paper presentation competition at K. J. SIEIT, Mumbai
- Coordinator - Infosys Campus connect (2003-05)
- Invitee participator - Rural Project Exhibition at Rashtrapati Bhavan, New Delhi
- Examiner - NMIMS (2009 , 2010) , Deemed University , Mumbai
- Member - National HRD Network (2016)
- Coordinator- Innovation & Entripunership Development Cell (Dept of Science & Technology , Govt of India)
- Coordinator Systems and Network Attack Laboratory 2015

#### AREA OF SPECILIZATION

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- Artificial Intelligence
- Digital Image Processing
- Machine Learning
- Data Warehousing and Mining
- System Security

#### DEVELOPMENT OF COURSE

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Details	Academic Year	Role
B.E (Computer)-ERP	2017-18	Member
M.E.(CAD/CAM) Production Engg .Computer Simulation & Modeling	2015-16	Syllabus revision committee Member
M.E (Computer Engg) Ubiquitous Computing Elective I, Sem I, Information Assurance and Security Sem II, Cyber Security Sem II (Lab II)	2012-13	Syllabus revision committee Member
SE Computer Sem III – DSA and File	2008-09	Syllabus revision committee Member
BE Computer and IT – OS, SS, SP, Distributed Computing	2006-07	Member

#### MEMBERSHIP OF SOCIETIES

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Life Member of The Indian Society for Technical Education (LM23781)

#### OTHER INFORMATIONS

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- University Approval UG – CONCOL/IS/ECD/2013-14/1413
- Mumbai University Examinations - Chairman of Vigilance Squad, I st /II nd half of year 2016
- (IIT-B) - Certification of SCILAB
- Brainbench Certification – Java1 , Java2
- National Scholarship Holder
- Mentor of winner team - Complex Problem Solving category at SIH , Chennai