Dr. Dattatraya Shankarrao Bormane

Date of Birth: 2nd March 1964

Address: A-402, kakade City, Sr. No. 16/18/19, Karve Nagar, Pune-411052

Mobile No.:9850282286

Mail Id: bdattatraya@yahoo.com

10+ years of experience as Principal

Total Experience of 28 years in teaching and administration

Chairman, Board of Studies in Electronics at Savitribai Phule Pune University

Member of Research & Recognition Committee for Electronics at Savitribai Phule Pune University

Recognized Ph.D. Guide in Electronics and Telecommunication Engineering at Savitribai Phule Pune University

Professional Experience

AISSMS College of Engineering, Pune

1 Kennedy Road, Near R.T.O Office, Pune, Maharashtra 411001

Office: 020 2605 8342

Principal & Professor // 1 February 2017-present

JSPM Narhe Technical Campus

Survey No. 12/2/2 & 14/9, Near Pune Bangalore Highway, Narhe, Taluka Haveli, Pune, Maharashtra 411041

Phone: 020 2460 8899

Principal & Professor // 25 October 2017-31 January 2017

JSPM's Rajarshi Shahu College of Engineering, Pune-33, India

S.No.80/3/1, Mumbai-Pune bypass Highway, Tathawade, Pune-33

Office: 020-22934347

Principal & Professor // September 2006-24 October 2016

B V College of Engineering for Women, Pune-43

Professor and Principal // 07/07/2004 to 16/09/2006

B V D U, College of Engg, Pune-43

Professor //01/07/2004 to 06/07/2004

S.T.B. College Of Engineering, Tuljapur

- I/C Principal //06/09/2001 to 30/06/2004

- HOD (E & TC) //14/07/2000 to 30/06/2004

- Asst. Prof (E & TC) //26/09/1997 to 30/06/04

- Lecturer (E & TC) // 20/07/1987 to 25/09/1997

Education

- **PhD** in Engineering (EC & CSE) from S.R.T.M.U., Nanded in 2003 in area of 'Noise Filtering From Images Using Wavelet Based Techniques'
- **Master of Engineering** (ME EC) from Shivaji University, Kolhapur in year 1996 with First Class
- **Bachelor of Engineering** (BE EC) from Dr.B.A.M.U, Aurangabad Marathwada University in year 1987 with first class

CURRENT /PAST ASSOCIATION WITH VARIOUS UNIVERSITIES ▪ **Ph.D. Guide** ▪ **Chairman/Member Board of Studies in Electronics** ▪ **Member of Research & Recognition Committee**	**Recognized Ph.D. Guide** • Electronics Engineering at Savitribai Phule Pune University, Pune-07 **Board of Studies in Electronics** • Coordinator, BOS ,Electronics, SPPU • Dr. Babasaheb Ambedkar Technological University, Lonere **Member of Research & Recognition Committee** • Electronics Engineering at Savitribai Phule Pune University, Pune-07 **Position Held In Past** • **Chairman, Board of studies, Electronics, SPPU, Pune.(Sept 2010 to 31 August 2015)** • Chairman, Board of studies in Electronics, Dr. B.A. Marathwada University, Aurangabad. • Member, Faculty of Engineering, Academic Council, Research and Recognition (R-R) committee, Board of university teacher and Research (BUTR), Committee to frame the structure, eligibility and syllabus of MCA new course to frame structure and syllabus of (UG IT Course) of Dr. B A Marathwada University, Aurangabad. • Chairman/ Member Local inquiry Committee for Continuation of Affiliation of Colleges appointed by Dr. B A Marathwada University, Aurangabad • Member, BOS, Electronics, Shivaji University, Kolhapur • Member, BOS, Electronics, Dr. B A Marathwada University, Aurangabad. • Member, BOS, Electronics, Solapur University, Solapur. • Member, Research and Recognition (R-R) committee, Solapur University, Solapur. • Member, BOS, Computer Engineering, SPPU, University, Pune.

ASSOCIATION WITH PROFESSIONAL BODIES **PATENT/Copyright & Articles**	**Association with Professional Bodies** Life member of Indian Society for Technical Education **(ISTE), New Delhi**, LM-15403. - Life member of Indian Society for Continuing Engineering Education, **(ISCEE) Roorkee**, LM- 0209. - Fellow Member of Institution of Electronics and Telecommunication Engineers (**IETE**) F-189076. - Fellowship Engineering Education Foundation, Pune. - Senior Member of **IACSIT**, Singapore No. 80336746 **Patent/ Copyright & Articles Published in Reference Books/ Textbooks Details** - **"System & Methods for recognition of human emotion"** Published in Indian Patent Office- Published on 16/01/2015; Filing Date: 06/01/2015; Patent no: **54/MUM/2015** - **" Side Stand for Motor Cycle"** Published in Indian Patent Office- Published on 10/04/2015; Filing Date: 16/03/2015; Patent no: **844/MUM/2015** - "**Design and Implementation of shielded Channel Double Gate Junctionless Metal Oxide Semiconductor transistor for low Power and high performance**" published in Indian Patent. Application No. 4726/MUM/2015 Date:15/01/2016 Journal No-03/2016 - "**System for Automated Monitoring and Controlling Of Unauthorized Settlement in Urban Areas using Remote Sensing**" published in Indian Patent. Application No. 3171/MUM/2015 Date:11/09/2015 journal No.-37/2015 - "**System and Method for predicting Heart Disease Risk Factor**" published in Indian Patent. Application No. 2913/MUM/2015 Date:18/09/2015 A - "**Design and Development of MEA for high peak power fast responding PEM fuel cell**". Published in Indian Patent. Application No.-201621007958 - "**System and method for recognizing musical instrument sound using FRFT based MFCC features.**" Published in Indian Patent. Application No.201621012767, Journal No-20/2016 - **"Fi-Fu (Fission and Fusion) algorithm,"** applied for **copyright in copyright office**, government of India; Diary No: **57027/2014-CO/L** year 2014. - **"Energy Efficient Railway Tunnel"** Published in Indian Patent. Application No.201621020163

RESEARCH PUBLICATIONS :(124)	**Research Publications** International Journals : 67 International conferences : 41 National conferences : 16 • *Detail list of research publications are in annexure.*
Grant Received	**Grant Received** • "Effect of Yoga and Meditation on EEG signal using Wavelet transforms" fund sanctioned date 11/05/2009 of cost 2 Lakhs funded by SPPU, Pune • "Smart Health care system using wireless sensor network fund" sanctioned in 2015 of 1.5 Lakhs funded by SPPU, Pune
Attended TCS "SANGAM"	**Annual Meeting of heads of Academic Institutes organized by TCS** Sangam is a platform for TCS Leadership and Academicians from top Institutes to exchange ideas, thoughts and suggestions that can change the mindscape of Academia and Industry. This is also an event which celebrates TCS' true commitment to the academic world. • **"TCS Sangam 2015"** // 18 Dec to 19 Dec 2015 at Kochi • "TCS Sangam 2014" // 18 Dec to 19 Dec 2014 at Bangalore • "TCS Sangam 2013" // 18 Dec to 19 Dec 2013 at Hyderabad • "TCS Sangam 2013" // 18 Dec to 19 Dec 2012 at Mumbai

Summary of Research scholars under my guidance

Sr. No.	Name of Research Scholar	Title of Research	Name of University	Year of Passing
1	Dr. S. T. Patil	Non stationary Electroencephalograph signal analysis using wavelets	Bharati Vidyapeeth Deemed University, Pune.	August 2009.
2	Dr. D. M. Yadav	Competitive Analysis of Image Compression and Merging Facial in Wavelet Domain	Bharati Vidyapeeth University, Pune	August 2009
3	Dr. Mrs. Varsha Patil	Technique for Reconstructing super resolution image using low resolution natural color Image	Bharati Vidyapeeth University,Pune	September 2009
4	Dr. S. D. Shirbahaddurkar	Text to Speech Synthesizer For Marathi Language using Concatenative synthesis strategies	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	May 2010
5	Dr. Mrs. Godse D A	Auto Detection and Monitoring of Diabetic Retinopathy using Super Resolution Technique on Retinal Images	Bharati Vidyapeeth University, Pune	December 2014
6	Dr S. M Mukane	A Novel Approach towards scale and Rotation Invariant Content Based texture Image Retrieval	Solapur University, Solapur	May 2013
7	Dr. D. G. Bhalke	Automatic musical Instruments classification using signal processing Techniques	NIT, Warangal	June 2016
8	Dr. V. V. Shete	Recognition of k complex in sleep EEG using artificial Neural Networks (Co-guide)	VTU	Nov 2012
9	Ohatkar Sharada Narsingrao	A heuristics approach for interference reduction in channel assignment of cellular radio network	Savitribai Phule University	27 October 2016
10	Mr.A.N. Paithane	Development of physiological signal analysis Algorithm for Human Emotion Recognition.	Savitribai Phule University	24 Nov 2016

Summary of Pursuing Research Scholars	Sr. No.	Name Of Research Scholar	Title of Research	University
	1	Mrs Seema Kedar	Development of Pattern Recognition Techniques to Predict Personality, Emotional State and Heart Disease through Graphological Analysis of Handwritten Text	Savitribai Phule University
	2	Mrs. Katavkar Tanuja	Enhancing optical signal to noise ratio in DWDM link	Savitribai Phule University
	3	Mr S. M. Kulkarni	Video Stabilization using feature point matching	JNTU Kakinada, Andhra Pradesh

Activities Coordinated as Chairman, BOS, Electronics, SPPU

1) Revision of Syllabus

2) Organized faculty orientation Program for revised Syllabus

3) e-PGpex project Competitions for ME

Sr. No.	Subject	Organized by	Date
SE Revised Syllabus 2016			
1	Electronics Devices and Circuits	MESCOE,Pune	9 June to 11 June 2016
2	Digital Electronics	BVCER,Narhe	
3	Data Structures and Algorithms	I2IT,Pune	
4	Signals and Systems	SAE, Kondhawa,Pune	
5	Electronics circuits and machines	DY Patil, Akurdi	
6	Electronics measuring Instruments and Techniques	VIIT,Kondhawa	
7	Integrated Circuits	DY Patil Institue of Engineering Management and Research, Nigdi,Pune	**15 to 17 June 2016**
8	Control Systems	NBN Sinhgad School of Engineering , Sinhgad Rd.,	
9	Analog Communication	MAEER's MIT College Of Engineering	
10	Object Oriented Programming	M.E.S. College of Engineering	
11	Employability Skill Development	Bhivarabai Sawant College of Engineering & Research , Narhe, Pune	
SE Revised Syllabus 2013			
1	Electronics Devices and Circuits	SKN, Narhe	17 June to 22 June 2013
2	Digital Electronics	SCOE,Pune	
3	Data Structures and Algorithms	JSPM's RSCOE, Pune	
4	Signals and Systems	PICT, Pune	
5	Network theory	PVG, Pune	
6	Mathematics-III	DY Pati,Pimpri	2 Dec to 7 Dec 2013
7	Analog Communication	GHRIET, Pune	
8	Control Systems	Zeal Education Society Zeal CoER, Narhe, Pune	
9	Computer organization	AISSMS'IOIT, Pune	
10	Integrated Circuits	MKSSS'Cumins COE for women, Pune	

7

11	Object Oriented Programming	AIT, Pune	2 to 4 Dec 2013
TE Revised Syllabus 2014			
1	Digital Communication	MESCOE, Pune	12 June to 14 June 2014
2	Digital Signal Processing	Imperial CoE, Wagholi, Pune	
3	System Programming and Operating System	MMCOE, Pune	
4	Microcontroller and application	MIT, Pune	
5	Electromagnetic and transmission lines	Trinity COE, Kondhawa, Pune	
6	Employability Skills and Electronics Design	VIIT, Pune	
7	Power electronics	JSPM's RSCOE, Pune	11 to 13 Dec 2014
8	Embedded processor	NBN COE, Sihgad, Pune	
9	Information theory and Coding techniques	MKSSS'Cumins COE for women, Pune	
10	Antenna and wave propagation	Bharati Vidyapith COE for women, Pune	
11	Industrial Management	GHRIET, Pune	
BE Revised Syllabus 2016			
1	VLSI Design	SCOE, Pune	11June to 13 June 2016
2	Computer networks	AISSMS IOIT, Pune	
3	Microwave Engineering	JSPM's RSCOE, Pune	
4	Embedded system and RTOS	SKNCOE, Pune	
5	PLC and automation	MIT, Alandi	
6	Mobile Communication	JSPM's RSCOE, Pune	9Janto 10 Jan 2016
7	Broadband Communication	SCOE, Pune	9 Jan 2016
8	Audio Video Engineering	DY Patil, Pimpri	6 Jan 2016
9	Wireless Networks	Bharati Vidyapith COE for women, Pune	9 Jan 2016

2015,ME project exhibition/ competitions at AISSSMS, Pune on 29 May and 30 May 2015

- e-PGPEX 2016,ME project exhibition/ competitions at JSPM's Rajarshi Shahu COE, Tathwade and MIT COE, Kothrud on 18 June and 19 June 2016

Session Chair/Chief Guest/Reviewer for Conference:

- Guest of Honor at International Conference "Advances in Science, engineering & Management on 22/03/15 at DattaGroup of Institute Daund Pune.

- Chief Guest for STTP on " Emerging Trends in Speech Signal Processing at AISSMS IOIT on 15 /01/2015

- Subject expert, Scrutiny & Selection committee for Associate Professor at shivaji University , Kolhapur on 10/02/2015

- Guest of Honor for state Level Innovative Project Contest & Industry Academia Researchers Meet "Sanshodhan 2014" on 28 /03/2014

- V.C. Nominee (General) for selection committee for Principal, Professor, Associate Professor, Asst Professor at Sihgad Technical Education Society on 25/01/2014.

- Guest at FDP on "Labview" fron 19-23 /08/2014 at SKNCOE

- Member of DAB(Department Advisory Board) for guiding the deptt in achieving PEOs at VIT on 10/09.2014

- Expert committee member as an approved center for post Graduate Reasearch at VIT on 01/10/2014 , Workshop

- Chief Guest for two day workshop FDP on Labview :Basics & Practices on 10/04/2014 at BVCOE Pune

- Subject Expert & Nominee at Selection Committee for post of Professor, Associate Professor, Asst Professor at Matoshri COE, Nashik on 24/12/13

- Subject Expert on selection committee at AIT on 08 sep 2013

- Selection Committee for post of Professor, Associate Professor, Asst Professor at PK Technical Campus on 28 Dec 2013

- Selection Committee for post of Professor, Associate Professor, Asst Professor at KJ Educational Institute on 30/11/2013

- Patron at AVISKAR 2013 at S.N. D. college of Engineering & Research Center, Babhulagon Yeola Nashik on 19/ 06/2013

- Member , Board of Studies , Electronics Engineering as a Subject Expert at 01/07/2013 at VIT Pune8+,

- Session chair at International Conference on Systemic, Cybernetics and Informatics(ICSCI-2007), Pentagram Research Center, Hyderabad, January 03-07, 2007.

- Session Co-Chair at The International Conference on Information Technology- New Generations (ITNG) ITNG2007, Las Vegas, USA (www.itng.info/sessions.htm and www.itng.info/CFP.htm)

- Chairperson for session /expert at Technomillennium-2003, National level paper presentation competition for Engineers & Architecture students.15-17 –09-2003, at M I T Aurangabad.

- Chief Guest for Valedictory function of one day national Seminar " Emerging technologies for Software professionals", at Hotel Arora Towers, Camp,Pune, April 1, 2006

- Chairperson for session /expert at National level paper presentation competition for Engineering faculty, college of engineering, Pandharpur.

- Reviewer at International Conference

List of Training Course/STTP/ Seminars/Workshops/ Conferences attended

- Two day International Conference on Circuits, devices & system held at kaula Lumpur Malaysia on 12-13 Feb 2015
- National Conference on :Recent Trends in Energy Engineering: held on 25th April 2015 at PVPIT, Budhgaon Sangali
- One day workshop on "National Program on Technology Enhanced Learning (NPTEL)" under NME-ICT MHRD Govt. Of India in collaboration with IIT Bombay on 18 Sep 2014 at VPCOE Baramati
- One day workshop on "Verification and report on the local inquiry of colleges/institutions" for the chairman of local inquiry committees, held by University on 01-12-2003.
- Participated in workshop on "Industrial instrumentation and EDC" at college of Ambajogai, 29-08-2003.
- Attended one day workshop on "Industry Institute Partnership" jointly organized by COE, Osmanabad & J. Director Technical Education, Regional Office, Aurangabad, 4/3/03.
- Participation in the National Conference on "Emerging trends in Engineering Education," held in Aurangabad during 25-26-10-2002.
- Attended workshop on "Capacity building for the Heads of Institutions", 28-29/09/2001, CII Mumbai.
- Completed "Certificate Course in VLSI Design" from 09-07-2001 to 15-07-2001, at Bit Mapper, Pune.
- Participated and presented a paper at the international Symposium on Applications of Computer algebra (ISACA'2000), organized by TRMF, Kolhapur at port Panala during 3-5-10-2000.
- AICTE Sponsored ISTE short-term training Programme "Digital Signal Processing And Image Processing" [Period 05-06-2000 to 17-06-2000] at SGGS college of Engineering and Technology, Nanded.
- Two Week Course in "Communication Skills & Teaching Techniques,"(17-5-2000-31-5-2000) at Tuljapur.
- One Day Workshop on "Induction Training For Teachers" [8/2/1998], Tuljapur.
- Participated in the Fiber U course of instruction in fiber optics, including hands-on cable handling, termination, splicing and testing,(16-18/12/1996), organized in India by Trinity Electric syndicates P. Ltd.
- Attended Career Conference, 26-27/02/1996, organized by University Employment and Guidance Bureau, Aurangabad.
- UGC sponsored course on "Signal Processing: Devices and Applications" [13-12-94 TO 31-12-94], University of Roorkee.
- Attended Seminar on "Digital Signal Processing" 17-18/08/1993 conducted by Dynalog Micro-Systems Pvt. Ltd.
- One day interactive session on "Excellence in technical education: issues & challenges", at Hotel Sun-N-Sand, Pune, 3 Dec. 2006.
- Participated in conference on "IT INSIGHTS", sponsored by IBM, HP at Hotel Le Meridian, pune 4th May 2007.
- Participation in Symposium on product life Cycle management May 21,22,2007 at Hotel Lagoona Resort, Lonavala..

Publications:

International Journal:

2016

1. International Conference on Communication, Image and Signal Processing (CCISP 2016)organized by **Asia Pacific Institute of Science and Engineering** (APISE),Dubai…Nov 2016

2. S. V. Kedar,D. S. Bormanr,V Nair "Heart disease prediction using k-nearest Neighbor Classifier Bassed on handwritten Text" Springer India 2016,Computational Intelligence in Data mining-Volume 1,Advances in intelligent Systems and Computing 410,DOI 10,1007/978-81-322-2734-2_6

3.

4. S.V.Kedar,Dr D S Bormane,Aaditi Dhadwal,Shiwali Alone,Rashi Agrawal"Automatic Emotion Recognition through Handwritting Analysis: Review" 2015 International Conference on Computing Communication Control and Automation 978-1-4799-6892-3/15 2015 IEEE DOI 10.1109/ICCUBA.2015.162

5. Sharada Narsingrao Ohatkar and D S Bormane " Hybrid Channel Allocation in Cellular Network Based on GA and PSO Methods", **SCI Indexed, IET Communications**, DOI:10.1049/iet-com.2015.0757, **May 2016** (To be assigned Volume and issue number)

2015

1.   Bhalke D G , Rama Rao C.B., Bormane D.S. "Automatic Musical Instrument classification using Fractional Fourier Transform based-MFCC Features and Counter Propagation Neural Network", Journal of Intelligent Information Systems, Springer International Publishing 16 April 2015 DOI 10.1007/s10844-015-0360-9

2.   Bhalke D G , Rama Rao C.B., Bormane D.S. "Musical Instrument Classification using Higher Order Spectra and counter propagation neural network ", Achieves of Acoustics.

3.   S.M.Kulkarni, D.S.Bormane ,S.L.Nalbalwar, "Motion Compensated Coding using Three Step Search Technique" Paper accepted for ICAC3 Conference

4.   Mr.A.N.Paithane, Dr.D.S.Bormane "Analysis of Electrocardiogram Signal to Extract the Features for Human Emotions Recognition Using Hilbert Huang Transform" Presented in

international Conference on Computational Intelligence and computing research (ICCIC 2015) ,Coimbatore, Tamilnadu, India, will be Published in IEEE Xplore digital library with CFP1420J-ART ISBN: 978-1-4799-3975-6.

5. Mr.A.N.Paithane, Dr.D.S.Bormane "Electrocardiogram Signal Analysis using Empirical Mode Decomposition and Hilbert Spectrum," Accepted in IEEE International conference on Pervasive computing (ICPC 2015), Pune, will be published in IEEE Xplore in January 2015.

6. Mr.A.N.Paithane, Dr.D.S.Bormane "Analysis of Nonlinear and Non-Stationary Signal to Extract the Features Using Fi-Fu Approach of Hilbert Huang Transform" Accepted in International Conference of World Academy of Science, Engineering and Technology (WASET), Kaula Lumpur, Malaysia, will be published in the proceeding, indexed by Thomson Reuters Web of science.

2014

7. S.M.Kulkarni, D.S.Bormane, S.L.Nalbalwar, "Coding of video sequences using block matching motion estimation Three Step Search algorithms", International journal of Innovative research in Electrical, Electronics, Instrumentation and Control Engineering Vol. 2, Issue 6, June 2014 ,ISSN (Print) 2321 – 5526 pp1651-1655.

8. Mr.A.N.Paithane, Dr.D.S.Bormane, Sneha.Dinde, "Feature Extraction of Electrocardiogram Signal", Published in the Proceedings of Elsevier Publication, 978-93-5107-221-8, March 2014.

9. Mr.A.N.Paithane, Dr.D.S.Bormane, Sneha.Dinde, "Human Emotion recognition using electrocardiogram signal, published in International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169, pp 194-197, February 2014.

10. T.S.Khatavkar, DR. D S Bormane, "OSNR challenge in DWDM link," International Journal of Electronics and Communication Engineering & Technology (IJECET), ISSN 0976 – 6464(Print), ISSN 0976 – 6472(Online), Volume 5, Issue 2, February (2014), pp. 10-20 © IAEME

11. Bhalke D G , Ram Rao C.B., Bormane D.S , "Hybridization of Fractional Fourier Transform and Acoustic Features for Musical Instrument Recognition", International Journal of Signal Processing, Image Processing and Pattern Recognition Vol.7, No.1 (2014), pp.275-282. Image fusion using tensor decomposition and co-effiecient combining scheme

12. Mugdha Rane , Dr. D S Bormane "Image fusion using tensor decomposition and co-efficient combining scheme" International journal of engg trends and technology vol 15, number 7sep 2014

13. Pallavi Patil, Dr. D S Bormane "Digital data hiding in image using wavelet transform" International journal of advance research in electronics and communication Engg. Feb 2014

14. Sharada Narsingrao Ohatkar and Dattatraya S. Bormane, "An Optimization Technique for Efficient Channel Allocation in Cellular Network**", Journal of Communications Technology and**

Electronics, Volume 59, No. 11, pp. 1225–1233, November 2014, © Pleiades Publishing, Inc., 2014, ISSN 1064-2269, **SCI Indexed- Springer Journal**

2013

15.   Dr.D.S.Bormane, Prof.A.N.Paithane,Prof Mrs.S.A.Paithane ,"Digital curvelet transform based Image compression with modified SPIHT coding"International Journal of Computing Science & Communication Technologies (IJCSCT), TECHNIA, ISSN:1837-7823 APRIL2013.

16.   S.M.Kulkarni, D.S.Bormane, S.L.Nalbalwar , "Region of interest based coding technique applied to CT and MRI Images for Medical image compression:", Paper presented in the ARTcom conference organized by ACEEE held in Sept.2013 and paper is published in Elsevier Proceedings pp 20-26.

17.   Deepali A. Godse, Dattatraya S. Bormane, "Automated Localization of Optic Disc in Retinal Images", International Journal of Advanced Computer Science and Applications, The Science and Information Organization, Vol. 4, No. 2, pp. 65-71, 2013 [Impact Factor: 1.324, ISSN: 2156 – 5570 (Online), 2158 – 107X (Print)].

18.   Deepali A. Godse, Dattatraya S. Bormane , "High Precision Registration of Retinal Images", ICGST's International Journal of Graphics, Vision and Image Processing,Vol.13, Issue 1, pp. 11-19, Sept. 2013 [Impact Factor: 1.321, ISSN: 1687 – 398X (Print), 1687 – 3998 (Online), 1687 – 4005(CD-ROM)].

19.   Deepali A. Godse, Dattatraya S. Bormane, "Auto-detection of longitudinal changes in retinal images for monitoring diabetic retinopathy", International Journal of Computer Applications, Vol.77, No. 1, pp. 27-32, Sept. 2013 [Impact Factor: 0.791, ISSN: 0975 – 8887].

20.   Bhalke D G, Ram Rao C.B., Bormane,' Musical Instrument Recognition Using Higher Order Moments", CIIT International journal of Digital signal processing, April 2013, ISSN:0974-9705, DOI042013002

21.   Pallavi Patil, Dr. D S Bormane "Digital water marking techniques using transform domain" International journal of advances in Engg. & tech May 2013

2012

22.   S.M. Kulkarni, D.S. Bormane, "Single bit plane block truncation coding technique for colour image compression" International journal of Engineering Research and Industrial Applications(IJERIA), ASCENT Publication, vol.5,No.II,May-2012, ISSN:0974-1518 pp443-440.

23.   S.M.Kulkarni, D.S.Bormane, "Image compression using Discrete Cosine Transform Technique" Global Research Publication, J I S R 6(1), January-June 2012; pp. 25-36.

24.   S. T. Patil, D. S. Bormane, S. B. Karthick, "Expert System for Fault Detection" International journal of scientific and technology research (IJSTR), ISSN 2277-8616, Volume 1 - Issue 6, July 2012.

25. S. T. Patil, D. S. Bormane, "Human-Computer Interface for Agile Methods using Expert System" International Journal of Engineering Research and Technology (IJERT), ISSN-2278-0181.Vol-1, Issue-5, July 2012.

26. Deepali A. Godse, Dattatraya S. Bormane, "Automated Pre- processing of Retinal Images", CiiT International Journal of Biometrics and Bioinformatics, Vol. 4, No. 6, pp.235-242, May 2012 [Impact Factor: 0.361, ISSN 0974 – 9675].

27. Deepali A. Godse, Dattatraya S. Bormane, "Automated Localization of Centre of Optic Disc and Centre of Macula in Retinal Images", CiiT International Journal of Digital Image Processing, Vol. 4, No. 16, pp. 896-901, Nov 2012 [Impact Factor: 0.652, ISSN 0974 – 9691].

28. Dattatraya S Bormane, Shailendrakumar M Mukane, and Sachin R Gengaje, "Rotation Invariant Texture Classification using Fuzzy Logic," International Journal of Computer Applications, Volume 41– No.1,41-44, March 2012. DOI: 10.5120/2952-3973. This journal impact factor is 0.814 (http://www.ijcaonline.org/ijca-statistical-data)

29. Shailendrakumar M Mukane, Sachin R Gengaje and Dattatraya S Bormane, "Scale Invariant Texture Classification using Fuzzy Logic," International Journal of Scientific & Engineering Research, Volume 3, Issue 7, July 2012, Impact Factor:1.4, ISSN No. 2229-5518. http://www.ijser.org/ResearchPaperPublishing_July2012_Page2.aspx .

30. Shanthi Guru , Dr D S Bormane "Identification of QR code based on pattern recognition with mobile phones" International journal of morden engg. Research oct 2012

31. Minakshi Dusane , Dr D S Bormane "feature extraction technquies for musical instruments" International journal of computing April 2012

32. Harsha Ingale, Dr D S Bormane "Object tracking using Motion detection" International journal of scientific research engg & tech may 2012

2011

33. Shailendrakumar M Mukane, Sachin R Gengaje and Dattatraya S Bormane, " On Scale Invariance Texture Image Retrieval using Fuzzy Logic and Wavelet Co-occurrence based Features", International Journal of Computer Applications 18(3):10-17, March 2011.

34. Shailendrakumar M Mukane, Dattatraya S Bormane and Sachin R Gengaje, "On Size Invariance Texture Image Retrieval using Fuzzy Logic and Wavelet based Features", International Journal of Applied Engineering Research, Vol.6, No.6 pp. 781-794(2011).

35. Shailendrakumar M Mukane, Dattatraya S Bormane and Sachin R Gengaje, "Wavelet and Co-occurrence Matrix based Rotation Invariant Features for Texture Image Retrieval using Fuzzy Logic", International Journal of Computer Applications 24(7):1–5, June 2011.

36. Usha Verma, D.S. Bormane "Brain Tumor Detection in MR Images based on an Improved N-cut Algorithm" International Journal of Graphics & Image Processing IJGIP . 2011

37.   Deepali A. Godse , Dattatraya S. Bormane, "WAVELET BASED IMAGE FUSION USING PIXEL BASED MAXIMUM SELECTION RUL" International Journal of Engineering Science and Technology (IJEST) ISSN : 0975-5462, July 2011.

38.   Bhalke D G , Ram Rao C.B., Bormane D.S , "Spectrogram based Musical Instrument Identifiation using Hidden Markov Model (HMM) for monophonic and polyphonic music signals", International journal of ACTA TECHNICA NAPOCENSIS Electronics and Telecommunications, Volume 52, Number 2, 2011, ISSN: 1221-6542

39.   Mrs. Rajeshwari.M. Thadi, Dr.D.S.Bormane S"Video Encoding With Adaptive Image Scaling" Advances in Computational sciences and Technology.ISSN 0973-6107 Volume 4 Number 2(2011)pp.265-268 Research India Publications.2011. http://www.ripublication.com/acst.htm

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