

Name : **DR. MRITYUNJAYA V. LATTE**

Date of Birth : 25th April 1964

Place of Birth : Dharwad, Karnataka

Academic Qualifications: B.E., (Electrical) in 1987

M.E., (Digital Electronics) in 1995

Ph.D. (Electronics & Communication Engg.) in 2004



Completed both UG and PG at S.D.M. College of Engineering & Technology, Dharwad, then affiliated to Karnatak University, Dharwad 580 003 Karnataka India.

Ph.D. in the faculty of Science & Technology from Karnatak University, Dharwad, Karnataka

Positions: Held various positions as youngest Professor and Dean at the age of 39.

Current Status: **Principal, JSS Academy of Technical Education, Bangalore-560 06 since January 2010.**

Address for Correspondence : **Dr. Mrityunjaya V Latte**
Principal
JSS Academy of Technical Education,
Dr. Vishnuvardhan Road,
Uttarahalli – Kengeri Main Road
Bangalore 560 060 India

E-mail : **mvlatte@rediffmail.com, mvlatte25@gmail.com**

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+91 98455 08994, +91 96866 77259

Profile:

A Professor with combination of Technical know-how, excellent in Engineering Electronics and an administrator, Manager and Governor of multi-tasking with efficiency and time-bound in achieving set goals.

I have an undying energy for the completion of assigned tasks and extensive experience in defining cross functional teams with diverse technical background.

Academics:

- **Excelled in teaching, Research, Governing, Managing and up-bringing of Engineering Electronics in the colleges served.**
- **Total experience: 30 years**
- **Completed B.E., and M.E., at SDM College of Engineering & Technology, Dharwad 580 002 Karnataka India.**
- **Professor and Head of Electronics & Communication Engineering Department from 1-04-2005 after getting regular promotions from the post of Lecturer and Assistant Professor. Worked in S D M College of Engg. & Tech., Dharwad from 03-09-1994 to 02-08-2008**
- **Worked as Controller of Examinations, Jain University, Bangalore and Professor in Electronics & Communication Engg. From 04-08-2008 to 21-01-2010.**
- **Worked as lecturer in S T J Institute of Technology, Ranebennur from 17-08-1987 to 02-09-1994**
- **Due to my hard work, I have the record of not applying leave for nearly couple of decades.**
- **Successfully guided six Ph.D. candidates till now, who are awarded degree from Visvesvaraya Technological University, Belgaum and Jawaharlal**

Technological University, Hyderabad. Five more candidates are in the pipeline.

- **Received “Best Paper Award” for the research paper Entitled “Applications of Weighted Least Squares Technique for Designing Equiripple FIR Higher order Digital Differentiators” at National Conference on Signals & Security (NCSSS 2002) held at PSG Institute of Technology, Coimbatore, on 1st & 2nd March 2002.**
- **Recognized as reviewer for International journal Elsevier science, Digital Signal Processing.**
- **Chaired a session in an International Conference on “Signal and Image processing” held at B V B College of Engineering & Technology, Hubli, from 07-12-2006 to 09-12-2006.**
- **Published more than 35 research articles in refereed journals, National and International conferences.**
- **Worked as member in Local Inquiry Committee, VTU, Belgaum**
- **Worked as member, Board of Examiners (BOE), Department Of Electronics, Karnatak University, Dharwad.**
- **Worked as member BOE, Engg. Discipline, Bangalore University, Bangalore.**
- **Worked as member, Board of Examinations, Belgaum Region, Visvesvaraya Technological University, Belgaum, during the academic year 2006-2007.**

Additional Recognitions : a. Member, Academic Council (VTU Nominee), R V College of Engineering, Bangalore from June 2016.

b. Member, Governing Council (VTU Nominee), Governing Council, PES Institute of Technology (South), Bangalore

c. Member, Governing Council, Vijayanagar Engineering

College, Hospet (Vice Chancellor, VTU Nomine, 2004-06).

- d. Member, Governing Council, Rural Engg College, Bhalki
(Vice-Chancellor, VTU Nominee, 2006-2008)
- e. Member Secretary, Standing Committee, SDMCET, Dhrawad,
(2005-2006)
- f. Member, Academic Council, SDMCET, Dharwad, (2006-2008)
- g. Nodal Officer, TEQIP, Procurement, SDMCET, Dharwad,
(2007-2008)

Details of Ph.D's awarded:

- a. Dr. Lalitha Y S:
Title of Thesis: "Wavelets for Medical Image Compression"
USN: 2SD06PEN02, Visvesvaraya Technological University, Belagavi
Degree Award: April 2013.
- b. Dr. M N Eswarappa:
Title of Thesis: "Multimodal Biometric Person Authentication System"
USN: 2SD06PEN01, Visvesvaraya Technological University, Belagavi,
Degree Award: April 2013.
- c. Dr. Hanumantappa C Hadimani:
Title of Thesis: "Interference Management Techniques to Improve the
Performance of Multiple Input Multiple Output (MIMO) Systems for next
Generation Cellular Networks"
USN: 1JS12PEN01, Visvesvaraya Technological University, Belagavi,
Degree Award: February 2017.
- d. Dr. N D. Dushantha:
Title of Thesis: "Analysis and Modelling of Diffuse Ultrasonic Signals for
Structural Health Monitoring using Image Processing Techniques"
USN: 1JS09PEM01, Visvesvaraya Technological University, Belagavi, Degree
Award: February 2017.
- e. Dr. Geeta Hanji:
Title of Thesis "Study and Design of Nonlinear Filters for Image Processing and
its Applications"
USN: 0703PH0849, Jawaharlal Nehru Technological University, Hyderabad,
Degree Award: 2016.

List of papers published in journals and conferences:

1.	<p>Title: A Novel Approach to Extract Exact Liver Image Boundary from Abdominal CT Scan using Neutrosophic Set and Fast Marching Method</p> <p>Author(s): Sangeeta K. Siri; Mrityunjaya V. Latte</p> <p>Source: Journal of Intelligent Systems Volume: Yet to print Issue: Yet to print Published: 2017</p> <p>DOI: 10.1515/jisys-2017-0144</p>
2.	<p>Title: Combined endeavor of Neutrosophic Set and Chan-Vese model to extract accurate liver image from CT scan</p> <p>Author(s): Sangeeta K Siri; Mrityunjaya V. Latte</p> <p>Source: Computer Methods and Programs in Biomedicine Volume: 151 Pages: 101--109 Published: 2017</p> <p>DOI: 10.1016/j.cmpb.2017.08.020</p>
3.	<p>Title: Fully Automated Segmentation of Lung Parenchyma Using Break and Repair Strategy</p> <p>Author(s): S. Pramod Kumar; Mrityunjaya V. Latte</p> <p>Source: Journal of Intelligent Systems Volume: Yet to print Issue: Yet to print Published: 2017</p> <p>DOI: 10.1515/jisys-2017-0020</p>
4.	<p>Title: Behavior of Certain Wavelets in Classification of Orthopaedic Images of Different Modalities</p> <p>Author(s): M. V. Latte; Kumar Swamy. V; B. S. Anami</p> <p>Source: International Journal of Signal Processing, Image Processing and Pattern Recognition Volume: 9 Issue: 12 Pages: 185--198 Published: 2016</p> <p>DOI: 10.14257/ijsp.2016.9.12.18</p>
5.	<p>Title: Detection and localization of damage using empirical mode decomposition and multilevel support vector machine</p> <p>Author(s): N. D. Dushyanth; M. N. Suma; Mrityanjaya V. Latte</p> <p>Source: Applied Physics A Volume: 122 Issue: 3 Published: 2016</p> <p>Times Cited: 1</p> <p>DOI: 10.1007/s00339-016-9753-z</p>
6.	<p>Title: Multiple nutrient deficiency detection in paddy leaf images using color and pattern analysis</p> <p>Author(s): M V Latte; Sushila Shidnal</p> <p>Conference: International Conference on Communication and Signal Processing (ICCSP) Year: 2016</p> <p>DOI: 10.1109/iccsp.2016.7754352</p>
7.	<p>Title: Optimized mathematical model for cell receivers running in spatially problematic multi path channels for wireless systems in smart antennas</p> <p>Author(s): H. C. Hadimani; Mrityunjaya V. Latte; P. H. S. Tejomurthy; et al.</p> <p>Conference: 2016 International Conference on Emerging Trends in Engineering, Technology and Science (ICETETS) Year: 2016</p> <p>DOI: 10.1109/icetets.2016.7603049</p>
8.	<p>Title: A Combined Color and Texture Features Based Methodology for Recognition of Crop Field Image</p> <p>Author(s): M. V. Latte; Sushila Shidnal; B.S. Anami; et al.</p> <p>Source: International Journal of Signal Processing, Image Processing and Pattern Recognition Volume: 8 Issue: 2 Pages: 287--302 Published: 2015</p> <p>DOI: 10.14257/ijsp.2015.8.2.28</p>
9.	<p>Title: A Combined HSV and GLCM Approach for Paddy Variety Identification from Crop Images</p> <p>Author(s): M. V. Latte; Sushila Shidnal; B.S. Anami; et al.</p> <p>Source: International Journal of Signal Processing, Image Processing and Pattern Recognition Volume: 8 Issue: 10 Pages: 221--232 Published: 2015</p> <p>DOI: 10.14257/ijsp.2015.8.10.24</p>
10.	<p>Title: A novel adaptive tolerance filter for random valued impulse noise suppression in digital grey and color images</p> <p>Author(s): Geeta Hanji; M. V. Latte</p> <p>Source: Journal of Advanced Computer Science & Technology Volume: 4 Issue: 1 Pages: 43 Published: 2015</p> <p>DOI: 10.14419/jacst.v4i1.3979</p>
11.	<p>Title: A Novel Mean Median Filter for Noise and Artifacts Suppression from Digital Images</p> <p>Author(s): Geeta Hanji; M.V.Latte M.V.Latte</p> <p>Source: International Journal of Computer Applications Volume: 114 Issue: 17 Pages: 20--26 Published: 2015</p> <p>DOI: 10.5120/20070-1989</p>
12.	<p>Title: Adaptive Thresholding Based Medical Image Compression Technique Using Haar Wavelet Based Listless SPECK Encoder and Artificial Neural Network</p>

	<p>Author(s): T. M. P. Rajkumar; Mrityunjaya V. Latte Source: Journal of Medical Imaging and Health Informatics Volume: 5 Issue: 2 Pages: 223--234 Published: 2015 Times Cited: 1 DOI: 10.1166/jmihi.2015.1386</p>
13.	<p>Title: An Ameliorated Detection Statistics for Adaptive Mask Median Filtration of Heavily Noised Digital Images Author(s): Geeta Hanji; Latte M.V.; Varsha K; et al. Source: ICTACT Journal on Image and Video Processing Volume: 06 Issue: 02 Pages: 1145--1151 Published: 2015 DOI: 10.21917/ijivp.2015.0167</p>
14.	<p>Title: An Efficient ROI Encoding Based On LSK and Fractal Compression Source: International Arab Journal of Information Technology Published: 2015 Times Cited: 1 URL : http://ccis2k.org/iajit/PDF/%20vol.12,no.3/4779.pdf</p>
15.	<p>Title: Mathematical modeling of Lamb wave scattering for structural health monitoring Author(s): N. D. Dushyanth; M. N. Suma; Mrityunjaya V. Latte Source: Journal of Civil Structural Health Monitoring Volume: 5 Issue: 5 Pages: 743--749 Published: 2015 DOI: 10.1007/s13349-015-0142-7</p>
16.	<p>Title: Novel Fuzzy Filters for Noise Suppression from Digital Grey and Color Images Author(s): Geeta Hanji; Basaveshwari C.; M.V. Latte Source: International Journal of Computer Applications Volume: 125 Issue: 15 Pages: 29--37 Published: 2015 DOI: 10.5120/ijca2015906236</p>
17.	<p>Title: Novel superimposed diamond search algorithm for medical image compression Author(s): T.M.P. Rajkumar; Mrityunjaya V. Latte Source: International Journal of Computer Applications in Technology Volume: 51 Issue: 3 Pages: 185 Published: 2015 DOI: 10.1504/ijcat.2015.069332</p>
18.	<p>Title: Performance Analysis of Novel Median Filter for Noise Suppression from Digital Images Source: International Journal of Computer Applications (IJCA) Published: 2015 DOI: 10.5120/21863-5187</p>
19.	<p>Title: Performance Study of Novel Median Filter for Image De-Noising Author(s): Geeta Hanji; M.V.Latte M.V.Latte Source: International Journal of Computer Applications Volume: 122 Issue: 23 Pages: 8--13 Published: 2015 DOI: 10.5120/21863-5187</p>
20.	<p>Title: Reliable Filters for Impulse Noise Suppression: Methods Implementation and Experimental Analysis Source: International Journal of Soft Computing and Engineering (IJSCE) Published: 2015</p>
21.	<p>Title: Robust Estimator Based Median Filter for Impulse Noise Suppression from Digital Images Source: Asian Journal of Mathematics and Computer Research, International Knowledge Press Published: 2015 URL : http://www.ikpress.org/abstract/3763</p>
22.	<p>Title: A Near Lossless Wavelet Based Image Compression Conference: Second International Conference on Recent trends in Computer Science and Engineering(ICRTCSE-2014) Year: 2014 Publisher: APOLLO Engineering College Mevalooruppam, Poonamallee, Chennai, Tamil Nadu, India.</p>
23.	<p>Title: Novel Adaptive Filter (NAF) for Impulse Noise Suppression from Digital Images Author(s): Geeta Hanji; Latte M.V Source: International Journal on Bioinformatics & Biosciences Volume: 4 Issue: 3/4 Pages: 1--12 Published: 2014 DOI: 10.5121/ijbb.2014.4401</p>
24.	<p>Title: ROI Image Compression Using 2D DDWT with JPEG2000 And SPIHT Algorithms Conference: International Conference on Advanced Research in Engineering and Technology (ICARET-2014), Year: 2014</p>
25.	<p>Title: VLSI implementation of reduced resource allocation for modified carry look-ahead adder Author(s): Bairu K. Saptalakar; Shrinivas K. Saptalakar; S. S. Navalagund; et al. Conference: 2014 IEEE International Conference on Advanced Communications, Control and Computing Technologies Year: 2014 DOI: 10.1109/icaccct.2014.7019149</p>
26.	<p>Title: A performance-based features selection for automatic identification of bone X-ray images</p>

	<p>Author(s): Mrityunjaya V. Latte; V. Kumar Swamy; Basavaraj S. Anami Source: International Journal of Biomedical Engineering and Technology Volume: 12 Issue: 3 Pages: 252 Published: 2013 DOI: 10.1504/ijbet.2013.057264</p>
27.	<p>Title: Impulse Noise Suppression and Edge Preservation of Digital Images Using Image Fusion Source: International Journal of Computational Engineering Research (IJCER) Published: 2013 URL : http://www.ijceronline.com/papers/Vol3_issue10/part%203/H03103049054.pdf</p>
28.	<p>Title: An Improved Nonlinear Decision Based Algorithm for Removal of Blotches and Impulses in Grayscale Images Author(s): Geeta Hanji; M.V. Latte; N.M. Shweta Conference: 2012 Second International Conference on Advanced Computing & Communication Technologies Year: 2012 DOI: 10.1109/acct.2012.20</p>
29.	<p>Title: Detail Preserving Fast Median Based Filter Author(s): Geeta Hanji; Mrutunjaya Latte Source: Journal of Advanced Computer Science & Technology Volume: 1 Issue: 4 Published: 2012 DOI: 10.14419/jacst.v1i4.248</p>
30.	<p>Title: Experimental and Simulated Case Studies of Lamb wave Interactions with Structural flaws and Image Reconstruction for Structural Diagnostics Author(s): Dushyantha N.D, Mrityunjaya V. Latte, Glenston Hadlee Miranda, Sayanu Pamidighantam Source: International Journal of Soft Computing and Engineering (IJSCE) Volume: 2 Issue: 3 Published: 2012</p>
31.	<p>Title: Two Dimensional Spatial Fusion Technique for Imaging of Damages in Plates using Lamb waves Author(s): Dushyantha N.D, Mrityunjaya V. Latte, Sayanu Pamidighantam Conference: Third International Conference on Sensors and Related Networks (SENNET-12) Volume: 1 Pages: 206-209 Year: 2012 DOI: 10.13140/2.1.2101.8401</p>
32.	<p>Title: Wavelet based compression with ROI coding for medical images Conference: International Conference on Advanced Engineering and Technology (ICAET) Year: 2012 Publisher: Perfect world wide with ISBN:978-81-925751-8-6.</p>
33.	<p>Title: A Multiwavelet Based MRI Image Compression for Progressive Medical Image Processing Conference: National Conference on Signal Processing, Communications & VLSI Design NCSCV-11 Year: 2011 Publisher: Anna University of Technology, Coimbatore, Tamil Nadu.</p>
34.	<p>Title: A new impulse noise detection and filtering algorithm Author(s): Geeta Hanji; M. Latte Source: Image Processing & Communications Volume: 16 Issue: 1-2 Published: 2011 DOI: 10.2478/v10248-012-0004-4</p>
35.	<p>Title: A Novel Approach Noise filtration for MRI Image Sample in Medical Image Processing Source: International Journal of Computer Science and Communication Published: 2011 URL : http://csjournals.com/IJCSC/PDF2-2/Article%2015.pdf</p>
36.	<p>Title: Adaptive Filtration for MRI Image Sample in Medical Image Processing Conference: International Conference on "Latest Trends in Nanoscience & Nanotechnology ICNSNT-2011 Year: 2011 Publisher: KBN college of Engineering Gulbarga</p>
37.	<p>Title: Advanced video coding motion Estimation Algorithm Source: International journal of Image processing & Networking Techniques Published: 2011 Publisher: UPA publications</p>
38.	<p>Title: Image Compression of MRI Image using Planar Coding Author(s): Lalitha Y; Mrityunjaya V. Source: International Journal of Advanced Computer Science and Applications Volume: 2 Issue: 7 Published: 2011 DOI: 10.14569/ijacsa.2011.020705</p>
39.	<p>Title: Medical Image Compression on a Multi ROI with Edge Feature Preserving Conference: International Journal of Computer Applications (IJCA) Year: 2011 Publisher: Foundation of Computer Science.</p>
40.	<p>Title: Modified Spatial Filtration for MRI Image in Medical Image Processing Conference: Conference on Evolutionary Trends in Information Technology (CETIT-2011) Year: 2011 Publisher: PG Studies Jnana Sangama,VTU, Belgaum.</p>

41.	<p>Title: Multimodal Biometric Person Authentication using Speech, Signature and Handwriting Features Author(s): Eshwarappa M; Mrityunjaya V. Source: International Journal of Advanced Computer Science and Applications Volume: 1 Issue: 3 Published: 2011 DOI: 10.14569/specialissue.2011.010313</p>
42.	<p>Title: Offline Signature and Handwriting Verification using Dynamic Time Warping Conference: International Conference on Emerging Trends in Engineering (ICETE-11) Year: 2011 Publisher: NMAM Institute of Technology, Nitte.</p>
43.	<p>Title: ROI Based Encoding of Medical Images: An Effective Scheme Using Lifting Wavelets and SPIHT for Telemedicine Author(s): T. M. P. Rajkumar; Mrityunjaya V Latte Source: International Journal of Computer Theory and Engineering Pages: 338--346 Published: 2011 DOI: 10.7763/ijcte.2011.v3.329</p>
44.	<p>Title: A Comparative Study of Impulse Noise Removal Filters from Digital Images Conference: International conference on Communication, Computation, Control and Nanotechnology (ICN-2010) Year: 2010 Publisher: REC, Bhalki, Bidar district, Karnataka</p>
45.	<p>Title: A new threshold-based median filtering technique for salt and pepper noise removal Author(s): Geeta Hanji; M. V. Latte Conference: Second International Conference on Digital Image Processing Year: 2010 DOI: 10.1117/12.856333</p>
46.	<p>Title: Bimodal Biometric Person Authentication System using Speech and Signature Features Source: International Journal of Biometrics and Bioinformatics (IJBB) Published: 2010 URL : http://www.cscjournals.org/manuscript/Journals/IJBB/Volume4/Issue4/IJBB-64.pdf</p>
47.	<p>Title: Biometric Person Authentication using Speech and Signature Information-WOCOR Features for Speech information and VPP-HPP-DCT Features with DTW technique for Signature recognition Conference: National Conference on Emerging Trends in Engineering (PGFEST-10) Year: 2010 Publisher: NMAM Institute of Technology, Nitte</p>
48.	<p>Title: Handwriting Recognition System using Dynamic Time Warping Technique Conference: National Conference on Convergence of Signal Processing, Communication and VLSI Design (NCSCV-10) Year: 2010 Publisher: SDMCET-Dharwad, Karnataka.</p>
49.	<p>Title: Image Compression using different Wavelet Transforms Conference: ational Conference on Recent Trends in Electronics & Communication Year: 2010 Publisher: SJB Institute of Technology, Bangalore.</p>
50.	<p>Title: Issues in Multimodal Biometric Person Authentication System Conference: International Conference on Communications, Computation, Control and Nanotechnology (ICN2010) Year: 2010 Publisher: REC-Bhalki, Bidar, Karnataka.</p>
51.	<p>Title: Lossless and Lossy Compression of DICOM Images with Scalable ROI Conference: National conference on NCSCV-10 Year: 2010 Publisher: SDMCET Dharwad.</p>
52.	<p>Title: Lossless and Lossy Compression of DICOM Images with Scalable ROI Source: International Journal of Computer Science and Network Security Published: 2010 URL : http://www.ugcfrp.ac.in/images/userfiles/36706-IJCSNS.pdf</p>
53.	<p>Title: Minimization of Quantization Error for Randomized Signal Conference: International Conference conducted by IICA Year: 2010 Publisher: IICA, Bhubaneswara, Orissa</p>
54.	<p>Title: Biometric Person Authentication using Speech and Signature Information-MFCC Features for Speech information and VPP-HPP-DCT Features for Signature information Conference: National Conference on Communication, Signal Processing and VLSI Design (RASCON-09) Year: 2009 Publisher: RSET-Kakkanad, Kochi.</p>
55.	<p>Title: Digital filter for cochlear implant implemented on a field-programmable gate array Source: Proceedings of world academy of science, engineering and technology Published: 2008 URL: http://www.waset.org/publications/4946</p>
56.	<p>Title: Issues in the Design of Equiripple FIR Higher Order Digital Differentiators using Weighted Least Squares</p>

	<p>Technique Author(s): V.V. Sondur; V.B. Sondur; D.H. Rao; et al. Conference: 2007 IEEE International Conference on Signal Processing and Communications Year: 2007 DOI: 10.1109/icspc.2007.4728287</p>
57.	<p>Title: Reduced memory listless speck image compression Author(s): Mrityunjaya V. Latte; Narasimha H. Ayachit; D.K. Deshpande Source: Digital Signal Processing Volume: 16 Issue: 6 Pages: 817--824 Published: 2006 Times Cited: 12 DOI: 10.1016/j.dsp.2006.06.001</p>
58.	<p>Title: Effective teaching: strategies, methods, techniques and actions plans Source: Teaching and Techniques in Technical Education New Delhi, Anmol, 2005, xvi, 297 p., ISBN 81-261-2290-0. Published: 2005 Publisher: Teaching and Techniques in Technical Education New Delhi.</p>
59.	<p>Title: Writing Research Papers Source: Teaching and Techniques in Technical Education New Delhi, Anmol, 2005, xvi, 297 p., ISBN 81-261-2290-0. Published: 2005 Publisher: Teaching and Techniques in Technical Education New Delhi.</p>
60.	<p>Title: Application of Weighted Least-Squares Technique for Designing Equiripple FIR Higher Order Digital Differentiators Source: Institution of Engineers (India) journal, vol. 85,pp. 29-33 Published: 2004</p>
61.	<p>Title: Measurement of percentage Haemoglobin in Blood: A Simple Approach Conference: National Symposium on Instrumentation (NSI-22) held at National Physical Laboratory, New Delhi Year: 1997 Publisher: National Physical Laboratory, New Delhi</p>
62.	<p>Title: Impulse Noise Removal from Highly Corrupted Images Conference: International Conference on Communication, Control and Nanotechnology (ICN-2010) Publisher: REC Bhalki, Karnataka</p>
63.	<p>Title: Performance Evolution of various Wavelet Families in Spiht Image Compression Technique Source: European Journal of Scientific Research URL : http://connection.ebscohost.com/c/articles/70237204/performance-evolution-various-wavelet-families-spiht-image-compression-technique</p>
64.	<p>Title: Robust System for Speaker Recognition-MFCC and WOCOR features with GMM and VQ Modelling for Speech Conference: National Conference on Recent Trends in Electronics and Communication (NCRTEC-2010) Publisher: SJBIT-Bangalore</p>
65.	<p>Title: Wavelet-Based Compression of Medical Images Conference: International conference on Communication, Computation, Control and Nanotechnology (ICN-2010) Publisher: REC Bhalki,</p>

Membership to Professional Bodies: M.I.E., MIETE, LM MISTE

Conferences / Courses attended:

1. Attended an International Conference on "Fibre optics and Photonics: PHOTONICS'96" held at Indian Institute of Technology, Madras, on 9th -13th Dec. 1996.
2. Attended Training course "TRAIN THE TRAINER" workshop on "Digital Signal Processor DSP563xx family" organized by MOTOROLA India Ltd., from 18th – 22nd October 2000.
3. Attended Two-Day seminar on "Current Trends in Communication" conducted by P.E.S. Institute of Technology, Bangalore, on 23rd –24th July 2001.

4. Attended one-Day workshop on “Processor Architecture & Embedded Control System Design” held at S.D.M. College of Engg. & Tech. Dharwad, on 18th May 2002.
5. Attended one-Day workshop on “National Board of Accreditation (NBA) process” held at S. D. M. College of Engg. & Tech. Dharwad, on 05-10-2001.
6. Attended two day workshop on “Creation of Research facility in Institutions” held at NITK, Suratkal, on 19th and 20th January 2006.
7. Attended three day programme on “Blue print for success” conducted by Sri Shiva khera at MSRIT, Bangalore, on 27th, 28th and 29th December 2006.
8. Attended five day “Management Capacity Building Programme” conducted by ISQT, Bangalore, from 10th to 14th February 2007.

List of M.Tech. (Digital Electronics) projects Guided:

1. Cryptographic Synchronization in the presence of High Bit Error rate.
2. EEG Analysis Through Fourier Transforms.
3. GPS based altitude determination of LEOSAT using ADSP-21062.
4. Design and Development of 1553B Manchester Encoder / Decoder as an ASIC.
5. Wavelet Transform based image compression using SPIHT Algorithm.
6. Data Compression Algorithm Based on Wavelet Transform & JPEG.
7. Data Acquisition & Retrieval using X-modem Protocol
8. Four level FSK modulator.
9. High level Software Power Estimation Techniques.
10. Reduced memory listless SPECK image compression.
11. PCM – ADM Transcoding using TMS320C6201 Processor.

Prof. Mrityunjaya V Latte
Principal,