

Profile:

Dr. Mrityunjaya V Latte
Principal

From 22-01-2010

“ACADEMIC SENATE” member
Visvesvaraya Technological University,
Belagavi, Karnataka India



Date of Birth: 25-04-1964
Total Experience: 33 years

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- 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 the set goals.
- Excelled in teaching, Research, Governing, Managing and up-bringing of Engineering Electronics in the colleges served.
- Has an undying energy for the completion of assigned tasks and extensive experience in defining cross functional teams with diverse technical background.
- Inculcating industry practices in academic curriculum for the growth of students and Institution.
- Demonstrated technical leadership and management skills through previous successes. Continuously Provide Academic educational services with values & quality for achieving institution Vision, Mission.

- Supporting continuous improvement, Inculcate higher level thinking and quality values in students and faculty.
- Successfully guided “ELEVEN” Research scholars for Ph.D. till now, who are awarded degree from Visvesvaraya Technological University (VTU), Belagavi, Karnataka State and Jawaharlal Technological University (JNTU), Hyderabad Andhra Pradesh State.
- Has published more than 61 publications in Peer reviewed and refereed Journals, which are listed in “Web of Science (WOS)”, indexed Journals.
- Passionate mentor, with leadership role and develop cohesive teams. Dedicated, hardworking individual with intercommunication skills to work at all levels of the organization. Successful in Planning and execution of new initiatives to meet technical challenges and find the solutions to meet needs of the organization.
- Has developed required skills through hard work and also have the record of not applying leave for nearly two decades.

1. EDUCATIONAL QUALIFICATIONS:

Sl. No.	University / Institution	Degree	Year	Subject	Distinctions if any
a.	Karnatak University, Dharwad	Ph.D.	2004	Digital Image Processing	Faculty of Science & Technology
b.	SDM College of Engg. & Tech. “Dhavalagiri”, Kalaghatagi Road, Dharwad 580002	M.E.,	1995	Digital Electronics	First Class with Distinction
c.	Karnataka India (Affiliated to Karnatak University, Dharwad 580003)	B.E.,	1987	Electrical	

2. ADMINISTRATIVE EXPERIENCE / POST RESONSIBILITIES HELD:

Sl. No.	Position	Organization	Duration		Experience
			From date	To date	
a.	Principal	JSS Academy of Technical Education, Dr. Vishnuvardhan Road, Srinivasapura Post; Bengaluru 560 060 Karnataka India	22-01-2010	Till date	10 Years 09 Months

	Academic Senate, Member	Visvesvaraya Technological University, Belagavi 590018 Karnataka	15-06-2019	Till date	
b.	Controller of Examinations	JAIN University, Bengaluru Karnataka India	04-08-2008	21-01-2010	01 Year 04 Months
c.	Prof. & Dean (Administration)	SDM College of Engg. & Tech. "Dhavalagiri", Kalaghatagi Road, Dharwad 580002 Karnataka India	01-04-2006	02-08-2008	02 Years 04 Months
d.	Prof. & Head of the Department		01-04-2005	31-03-2006	01 Year
E	Assistant Professor		01-04-2004	31-03-2005	01 Year
F	Lecturer		03-09-1994	31-03-2004	09 Years 06 months
G	Lecturer	STJ Institute of Technology, Ranebennur 581115 Karnataka India	17-08-1987	02-09-1994	07 Years 01 Month
H	Lecturer (Part-time)	Sri Renuka Yellamma Devi Polytechnic, Savadatti, Belagavi Dt. Karnataka	July 1986	May 1987	10 Months

3. ADDITIONAL RECOGNITIONS:

- a. Member, Advisory committee on outside VTU, Belagavi collaborations from 2019
- b. Member, Academic Council (VTU Nominee), National Institute of Engineering (NIE), Mysore Karnataka from 2019.
- c. Member, Governing Council (VTU Nominee), NMAMIT, Nitte, Karkala, Udupi Dt. Karnataka State
- d. Chairman, Local Inquiry Committee (LIC), Visvesvaraya Technological University, Belgaum, Karnataka during the academic year 2019-2020.
- e. Member, Academic Council (VTU Nominee), R V College of Engineering, Bangalore Karnataka from June 2016 – May 2018.
- f. Member, Governing Council (VTU Nominee), Governing Council, PES Institute of Technology (South), Bangalore Karnataka
- g. Member, Local Inquiry Committee (LIC), Visvesvaraya Technological University, Belgaum, Karnataka
- h. Member, Governing Council, Vijayanagar Engineering College, Hospet, Bellary Dt. Karnataka State; VTU Nominee, 2004-06.
- i. Member, Governing Council, Rural Engg College, Bhalki, Bidar Dt. Karnataka VTU Nominee, 2006-2008

- j. Member Secretary, Standing Committee, SDMCET, Dhrawad, 2005-2006.
- k. Member, Academic Council, SDMCET, Dharwad, 2006-2008
- l. Worked as member, Board of Examiners (BOE), Department Of Electronics, Karnatak University, Dharwad Karnataka
- m. Worked as member BOE, Engg. Discipline, Bangalore University, Bangalore.
- n. Worked as member, Board of Examinations, Belgaum Region, Visvesvaraya Technological University, Belgaum, during the academic year 2006-2007.

4. RESEARCH PUBLICATIONS PORTALS:

- Vidwan: <https://vidwan.inflibnet.ac.in/profile/101014>
- Researcher ID: <http://www.researcherid.com/rid/G-8377-2017>
- Publon: <https://publons.com/researcher/1672383/mrityunjaya-v-latte/>
- ORCID: <https://orcid.org/0000-0002-9624-0556>
- Scopus:
<https://www.scopus.com/authid/detail.uri?authorId=15069553400>
- Google Scholar:
<https://scholar.google.co.in/citations?user=0Gh6DnoAAAAJ&hl=en>

5. AWARD FOR OUTSTANDING WORKS:

Sl. No.	Name of the Award	Elected / Honourary	Awarded by	Year of Award
a.	Best Paper Award “Applications of Weighted Least Squares Technique for Designing Equiripple FIR Higher order Digital Differentiators”	Elected	Organizers of National Conference on Signals & Security (NCSSS 2002) held at PSG Institute of Technology, Coimbatore, held on 1 st & 2 nd March 2002.	2002

6. RESEARCH PROJECTS:

Sl. No.	Organization Name	Nature of Project	Duration of the project	Amount in Rs.
a.	Karnataka Council For Technological Upgradation (KCTU), A Joint venture of Govt. of India & Govt. of Karnataka, Government Order No.: 1. No. KCTU / R & D/ JSS-Colon/ 08/2018-19 dtd. 15-09-2018 “Real Time Diagnosing Cancer in colonography Images using Deep Learning Algorithms”	Research: Prototype Design & Development	Two Years	16.85 Lakhs

b.	Visvesvaraya Technological University, Belagavi 590018 Karnataka “TEQIP” Competitive Research Grant Order No. VTU / TEQIP 3 / 2019 321 dtd. 10-12-2019 “ Computerized Segmentation of pulmonary nodules depicted in CT examinations using free hand sketches”	Research	Eighteen Months	1.00 Lakh
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7. CONSULTANCY:

Sl. No.	Client / Organisation Name	Nature of Assignment	Duration of Assignment
a.	M/s Intarcs Technologies Private Ltd. Bangalore www.Intarcs.com E-Mail : Santosh@Intarcs.com Mobile: +91-9738-252-513	Design of “Web based Application”	Six Months from 10-02-2020 Amount: Rs. 1.25 Lakhs

8. CONTRIBUTIONS TO BOOKS & JOURNALS:

Sl. No.	Details	Name of the Book / Publisher
a.	Books Authored	02 Nos. Articles in “Teaching and Techniques in Technical Education”, New Delhi, Anmol, 2005, xvi, 297 pp., ISBN 81-261-2290-0.
b.	Editor in Chief	--
c.	Editorship	--
d.	Peer Reviewer for	Elsevier Science Direct, Digital Signal Processing Journal

9. NUMBER OF RESEARCH SCHOLARS SUCCESSFULLY GUIDED: 11

Sl. No.	Name, Title of Thesis, USN and University	Awarded
a.	Dr. Susheela Sidnal Title of Thesis: “A Methodology for Nutrient Deficiency and sufficiency based yield prediction from Paddy field Images” USN: 1JS12PEN04 Visvesvaraya Technological University, Belagavi	August 2020
b.	Dr. Siddalingesh S Navalgund Title of Thesis: “Manual Routing in FPGAs for DSP Implementation” USN: 2SD06PEM03 Visvesvaraya Technological University, Belagavi	January 2020
c.	Dr. Sangeeta K Siri Title of Thesis: “Study and Analysis of segmentation algorithms for Liver Images” USN: 5VX13PEN110 Visvesvaraya Technological University, Belagavi	February 2019

d.	Dr. Shetty Pramodkumar Title of Thesis: “Study and Analysis of segmentation algorithms for Lung Images” USN: 5VX13PEN74 Visvesvaraya Technological University, Belagavi	January 2019
e.	Dr. T M P Rajkumar Title of Thesis: “Super Imposed Diamond search based wavelet CODEC for Extraction Of redundancy in Image” USN: 0703PH0822 Jawaharlal Nehru Technological University, Hyderabad	January 2018
f.	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,	February 2017
g.	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,	February 2017
h.	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,	April 2016
i.	Dr. Lalitha Y S Title of Thesis: “Wavelets for Medical Image Compression” USN: 2SD06PEN02 Visvesvaraya Technological University, Belagavi	April 2013
j.	Dr. M N Eswarappa Title of Thesis: “Multimodal Biometric Person Authentication System” USN: 2SD06PEN01 Visvesvaraya Technological University, Belagavi	April 2013
k.	Mr. Kumarswamy Title of Thesis: “Automatic Identification and Classification of Fractures in Limb from X ray and CT Images” USN: 1JS12PEN02 Visvesvaraya Technological University, Belagavi	Thesis Submitted

10. LIST OF SCHOLARLY PUBLICATIONS IN RECOGNISED PROFESSIONAL & ACADEMIC JOURNALS: 46

1.	<p>Title: Volumetric Lung Nodule Segmentation in Thoracic CT scan using Freehand sketch</p> <p>Author(s): Pramod Kumar S; Mrityunjaya V Latte; Sangeeta K Siri</p> <p>Source: IET Image processing, The Institution of Engineering and Technology (Previously known as IEE Proceedings – Vision, Image and Signal Processing 1994 – 2006. ISSN 1350-245X)Publishers</p> <p>Volume: Issue: Pages: Publication: 2020 (Accepted – August 2020)</p> <p>DOI: https://</p>
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2	<p>Title: Threshold-Based New Segmentation Model to Separate the Liver from CT Scan Images</p> <p>Author(s): Sangeetha K Siri; S Pramodkumar; Mrityunjaya V Latte Source: IETE Journal of Research, Taylor & Francis Publishers Volume: Issue: Pages: Publication: 2020 (Accepted) DOI: https://10.1080/03772063.2020.1795938</p>
3	<p>Title: A Survey on Machine Learning and Deep Learning-based Computer-Aided Methods for Detection of Polyps in CT Colonography</p> <p>Author(s): Niharika Hegde; M. Shishir; S. Shashank; Dayanand P; Mrityunjaya V Latte Source: Current Medical Imaging, Bentham Science Publishers Editor: Euishin Edmund Kim Department of Radiological Sciences University of California Irvine, CA USA Volume: 16 Issue: 4 Pages: 1-13, Publication: 2020 http://www.eurekaselect.com/node/180914/article DOI: https://10.2174/2213335607999200415141427</p>
4	<p>Title: New approach for target setting mechanism of course outcomes in higher education accreditation</p> <p>Author(s): Dayanand P; Mrityunjaya V Latte; Mahesh Raisinghani; Sowmyarani CN Source: Journal of Economic and Administrative Sciences © Emerald Publishing Limited 1026-4116 Editor: Prof. Rebecca Abraham Nova, South Eastern University, Louise Lister Emerald Group Publishing, UK Volume: Issue: Pages: 1-11, Publication: 2020 https://www.emerald.com/insight/1026-4116.htm DOI: https://10.1108/JEAS-03-2020-0024</p>
5	<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 Source: Journal of Intelligent Systems De Grytur Volume: 28 Issue: 4 Publication: 22nd August 2017 DOI: https://doi.org/10.1515/jisys-2017-0144</p>
6	<p>Title: Universal Liver Extraction Algorithm: An Improved Chan–Vese Model</p> <p>Authors: Sangeeta K Siri; Mrityunjaya V Latte Source: Journal of Intelligent Systems, De Grytur Volume: 29, Issue: 01, Publication: 30th January 2018 DOI: https://doi.org/10.1515/jisys-2017-0362</p>
7	<p>Title: Modified and Optimized Method for Segmenting Pulmonary Parenchyma in CT Lung Images, Based on Fractional Calculus and Natural Selection</p> <p>Authors: S. Pramod Kumar, Mrityunjaya V. Latte Source: Journal of Intelligent Systems, De Grytur Volume: 28, Issue: 05 Publication: 12th October 2017 DOI: https://doi.org/10.1515/jisys-2017-0028</p>

8	<p>Title: Lung Parenchyma Segmentation: Fully Automated and Accurate Approach for Thoracic CT Scan Images</p> <p>Authors: S. Pramod Kumar; Mrityunjaya V. Latte</p> <p>Source: IETE Journal of Research, Taylor & Francis, Volume: 66, Issue: 03 Year: 2020</p> <p>DOI: https://doi.org/10.1080/03772063.2018.1494519</p>
9	<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: Elsevier Science</p> <p>Volume: 151, Pages: 101-109,</p> <p>Published: November 2017</p> <p>DOI: http://10.1016/j.cmpb.2017.08.020</p>
10	<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</p> <p>Volume: 28 Issue: 02, Publication: 20th July 2017</p> <p>DOI: http://10.1515/jisys-2017-0020</p>
11	<p>Title: Behavior of Certain Wavelets in Classification of Orthopaedic Images of Different Modalities</p> <p>Author(s): Mrityunjaya V. Latte; Kumar Swamy. V; B. S. Anami</p> <p>Source: International Journal of Signal Processing, Image Processing and Pattern Recognition</p> <p>Volume: 9, Issue: 12, Pages: 185-198, Published: 2016</p> <p>DOI: http://10.14257/ijcip.2016.9.12.18</p>
12	<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: Journal of Applied Physics</p> <p>Volume: 122, Issue: 3, Published: 2016</p> <p>DOI: http://10.1007/s00339-016-9753-z</p>
13	<p>Title: A Combined Color and Texture Features Based Methodology for Recognition of Crop Field Image</p> <p>Author(s): Mrityunjaya V. Latte; Susheela Shidnal; B.S. Anami; et al.</p> <p>Source: International Journal of Signal Processing, Image Processing and Pattern Recognition</p> <p>Volume: 8, Issue: 2, Pages: 287-302, Published: 2015</p> <p>DOI: http://10.14257/ijcip.2015.8.2.28</p>

14	<p>Title: A Combined HSV and GLCM Approach for Paddy Variety Identification from Crop Images Author(s): Mrityunjaya V. Latte; Sushila Shidnal; B.S. Anami; et al. Source: International Journal of Signal Processing, Image Processing and Pattern Recognition Volume: 8, Issue: 10, Pages: 221-232, Published: 2015 DOI: http://10.14257/ijcip.2015.8.10.24</p>
15	<p>Title: A novel adaptive tolerance filter for random valued impulse noise suppression in digital grey and color images Author(s): Geeta Hanji; Mrityunjaya V Latte Source: Journal of Advanced Computer Science & Technology Volume: 4, Issue: 1, Pages: 43-48, Published: 2015 DOI: http://10.14419/jacst.v4i1.3979</p>
16	<p>Title: A Novel Mean Median Filter for Noise and Artifacts Suppression from Digital Images Author(s): Geeta Hanji; Mrityunjaya V. Latte Source: International Journal of Computer Applications Volume: 114, Issue: 17, Pages: 20-26 Published: 2015 DOI: http://10.5120/20070-1989</p>
17	<p>Title: Adaptive Thresholding Based Medical Image Compression Technique Using Haar Wavelet Based Listless SPECK Encoder and Artificial Neural Network 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: http://10.1166/jmihi.2015.1386</p>
18	<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: http://10.21917/ijivp.2015.0167</p>
19	<p>Title: An Efficient ROI Encoding Based On LSK and Fractal Compression Source: International Arab Journal of Information Technology Published: 2015 URL : http://ccis2k.org/iajit/PDF/%20vol.12,no.3/4779.pdf</p>
20	<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: http://10.1007/s13349-015-0142-7</p>

21	<p>Title: Novel Fuzzy Filters for Noise Suppression from Digital Grey and Color Images Author(s): GeetaHanji; Basaveshwari C.; M.V. Latte Source: International Journal of Computer Applications Volume: 125, Issue: 15, Pages: 29-37 Published: 2015 DOI: http://10.5120/ijca2015906236</p>
22	<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: http://10.1504/ijcat.2015.069332</p>
23	<p>Title: Performance Analysis of Novel Median Filter for Noise Suppression from Digital Images Source: International Journal of Computer Applications (IJCA) Published: 2015 DOI: http://10.5120/21863-5187</p>
24	<p>Title: Performance Study of Novel Median Filter for Image De-Noising Author(s): Geeta Hanji; M.V. Latte Source: International Journal of Computer Applications Volume: 122, Issue: 23, Pages: 8-13 Published: 2015 DOI: http://10.5120/21863-5187</p>
25	<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>
26	<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>
27	<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 & applications: Biosciences Volume: 4 Issue: 3/4 Pages: 1--12 Published: 2014 DOI: http://10.5121/ijbb.2014.4401</p>

28	<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</p> <p>Source: International Journal of Biomedical Engineering and Technology</p> <p>Volume: 12, Issue: 3, Pages: 252-259, Published: 2013</p> <p>DOI: http://10.1504/ijbet.2013.057264</p>
29	<p>Title: Impulse Noise Suppression and Edge Preservation of Digital Images Using Image Fusion</p> <p>Source: International Journal of Computational Engineering Research (IJCER)</p> <p>Published: 2013</p> <p>URL : http://www.ijceronline.com/papers/Vol3_issue10/part%203/H03103049054.pdf</p>
30	<p>Title: Detail Preserving Fast Median Based Filter</p> <p>Author(s): Geeta Hanji; Mrityunjaya V Latte</p> <p>Source: Journal of Advanced Computer Science & Technology</p> <p>Volume: 1, Issue: 4, Published: 2012</p> <p>DOI: http://10.14419/jacst.v1i4.248</p>
31	<p>Title: Experimental and Simulated Case Studies of Lamb wave Interactions with Structural flaws and Image Reconstruction for Structural Diagnostics</p> <p>Author(s): Dushyantha N.D, Mrityunjaya V. Latte, Glenston Hadlee Miranda, Sayanu Pamidighantam</p> <p>Source: International Journal of Soft Computing and Engineering (IJSCE)</p> <p>Volume: 2, Issue: 3, Published: 2012</p>
32	<p>Title: A new impulse noise detection and filtering algorithm</p> <p>Author(s): Geeta Hanji; Mrityunjaya V Latte</p> <p>Source: Image Processing and Communications Applications</p> <p>Volume: 16 Issue: 1-2 Published: 2011</p> <p>DOI: http://10.2478/v10248-012-0004-4</p>
33	<p>Title: A Novel Approach Noise filtration for MRI Image Sample in Medical Image Processing</p> <p>Source: International Journal of Computer Science and Communication</p> <p>Published: 2011</p> <p>URL : http://csjournals.com/IJCSC/PDF2-2/Article%2015.pdf</p>
34	<p>Title: Advanced video coding motion Estimation Algorithm</p> <p>Source: International journal of Image processing & Networking Techniques</p> <p>Published: 2011</p> <p>Publisher: UPA publications</p>

35	<p>Title: Image Compression of MRI Image using Planar Coding Author(s): Lalitha Y S; Mrityunjaya V. Latte Source: International Journal of Advanced Computer Science and Applications Volume: 2, Issue: 7, Published: 2011 DOI: http://10.14569/ijacsa.2011.020705</p>
36	<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>
37	<p>Title: Multimodal Biometric Person Authentication using Speech, Signature and Handwriting Features Author(s): Eshwarappa M N; Mrityunjaya V. Latte Source: International Journal of Advanced Computer Science and Applications Volume: 1, Issue: 3, Published: 2011 DOI: http://10.14569/specialissue.2011.010313</p>
38	<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: http://10.7763/ijcte.2011.v3.329</p>
39	<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>
40	<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>
41	<p>Title: Reduced memory listless speck image compression Author(s): Mrityunjaya V. Latte; Narasimha H. Ayachit; D.K. Deshpande Source: Digital Signal Processing, Elsevier Science Volume: 16 Issue: 6 Pages: 817-824 Published: 2006 Times Cited: 16 DOI: http://10.1016/j.dsp.2006.06.001</p>

42	<p>Title: Effective teaching: strategies, methods, techniques and actions plans Source: Teaching and Techniques in Technical Education New Delhi, Anmol, 2005, xvi, 297 pp., ISBN 81-261-2290-0. Published: 2005 Publisher: Teaching and Techniques in Technical Education New Delhi.</p>
43	<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>
44	<p>Title: Application of Weighted Least-Squares Technique for Designing Equiripple FIR Higher Order Digital Differentiators Source: Institution of Engineers (India) journal, Volume: 85, pp. 29-33, Published: 2004</p>
45	<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>
46	<p>Title: An Effect of Nutrient Deficiency on Yield Estimation Source: International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019 DOI: 10.35940/ijrte.C3857.098319</p>

11. PRESENTATIONS IN INTERNATIONAL CONFERENCES: 18

1	<p>Title: Multiple nutrient deficiency detection in paddy leaf images using color and Pattern analysis Author(s): Mrityunjaya V Latte; Sushila Shidnal Conference: International Conference on Communication and Signal Processing (ICCS)P Year: 2016 DOI: http://10.1109/iccsp.2016.7754352</p>
2	<p>Title: Optimized mathematical model for cell receivers running in spatially problematic multipath channels for wireless systems in smart antennas Author(s): H. C. Hadimani; Mrityunjaya V. Latte; P. H. S. Tejomurthy; et al. Conference: International Conference on Emerging Trends in Engineering, Technology and Science (ICETETS) Year: 2016 DOI: http://10.1109/icetets.2016.7603049</p>
3	<p>Title: A Near Lossless Wavelet Based Image Compression Conference: Second International Conference on Recent trends in Computer Science and</p>

	<p>Engineering (ICRTCSE-2014) Year: 2014 Publisher: APOLLO Engineering College Mevalooruppam, Poonamallee, Chennai, Tamil Nadu, India.</p>
4	<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>
5	<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: IEEE International Conference on Advanced Communications, Control and Computing Technologies Year: 2014 DOI: http://10.1109/icaccct.2014.7019149</p>
6	<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: Second International Conference on Advanced Computing & Applications Communication Technologies Year: 2012 DOI: http://10.1109/acct.2012.20</p>
7	<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 & Related Networks (SENNET-12) Volume: 1, Pages: 206-209, Year: 2012 DOI: http://10.13140/2.1.2101.8401</p>
8	<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>
9	<p>Title: Adaptive Filtration for MRI Image Sample in Medical Image Processing Conference: International Conference on "Latest Trends in Nanoscience & Applications: Nanotechnology ICNSNT-2011 Year: 2011 Publisher: KBN college of Engineering Gulbarga</p>
10	<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, Karnataka India</p>
11	<p>Title: A Comparative Study of Impulse Noise Removal Filters from Digital Images</p>

	<p>Conference: International conference on Communication, Computation, Control and Nanotechnology (ICN-2010) Year: 2010 Publisher: Rural Engineering College, Bhalki, Bidar Dt., Karnataka India</p>
12	<p>Title: A new threshold-based median filtering technique for salt and pepper noise removal Author(s): Geeta Hanji; Mrityunjaya V. Latte Conference: Second International Conference on Digital Image Processing Year: 2010 DOI: http://10.1117/12.856333</p>
13	<p>Title: Issues in Multimodal Biometric Person Authentication System Conference: International Conference on Communications, Computation, Control and Nanotechnology (ICN2010) Year: 2010 Publisher: Rural Engineering College, Bhalki, Bidar Dt, Karnataka India</p>
14	<p>Title: Minimization of Quantization Error for Randomized Signal Conference: International Conference conducted by IICA Year: 2010 Publisher: IICA, Bhubaneswara, Orissa</p>
15	<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>
16	<p>Title: Issues in the Design of Equiripple FIR Higher Order Digital Differentiators using Weighted Least Squares Technique Author(s): V.V. Sondur; V.B. Sondur; D.H. Rao; Mrityunjaya V Latte, et al. Conference: IEEE International Conference on Signal Processing and Communications held at Dubai. Year: 2007 DOI: http://10.1109/icspc.2007.4728287</p>
17	<p>Title: Impulse Noise Removal from Highly Corrupted Images Conference: International Conference on Communication, Control and Nanotechnology (ICN-2010) Publisher: Rural Engineering College, Bhalki, Karnataka India</p>
18	<p>Title: Wavelet-Based Compression of Medical Images Conference: International conference on Communication, Computation, Control and Nanotechnology (ICN-2010) Publisher: Rural Engineering College, Bhalki, Karnataka India</p>

12. PARTICIPATION & SCHOLARLY PRESENTATIONS IN CONFERENCES: 09

1	<p>Title: A Multiwavelet Based MRI Image Compression for Progressive Medical Image Processing</p> <p>Conference: National Conference on Signal Processing, Communications & Applications; VLSI Design NCSCV-11</p> <p>Year: 2011 Publisher: Anna University of Technology, Coimbatore, Tamil Nadu</p>
2	<p>Title: Modified Spatial Filtration for MRI Image in Medical Image Processing</p> <p>Conference: Conference on Evolutionary Trends in Information Technology (CETIT-2011)</p> <p>Year: 2011 Publisher: Post Graduate Studies, Jnana Sangama, VTU, Belagavi.</p>
3	<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</p> <p>Conference: National Conference on Emerging Trends in Engineering (PGFEST-10)</p> <p>Year: 2010 Publisher: NMAM Institute of Technology, Nitte</p>
4	<p>Title: Handwriting Recognition System using Dynamic Time Warping Technique</p> <p>Conference: National Conference on Convergence of Signal Processing, Communication and VLSI Design (NCSCV-10)</p> <p>Year: 2010 Publisher: SDM College of Engineering & Technology, Dharwad, Karnataka</p>
5	<p>Title: Image Compression using different Wavelet Transforms</p> <p>Conference: National Conference on Recent Trends in Electronics & applications; Communication</p> <p>Year: 2010 Publisher: SJB Institute of Technology, Bangalore</p>
6	<p>Title: Lossless and Lossy Compression of DICOM Images with Scalable ROI</p> <p>Conference: National conference on NCSCV-10</p> <p>Year: 2010 Publisher: SDM College of Engineering & Technology, Dharwad Karnataka</p>
7	<p>Title: Biometric Person Authentication using Speech and Signature Information- MFCC Features for Speech information and VPP-HPP-DCT Features for Signature Information</p> <p>Conference: National Conference on Communication, Signal Processing and VLSI Design (RASCON-09)</p> <p>Year: 2009 Publisher: Rajagiri School Of Engineering & Technology, Kakkanad, Kochi.</p>
8	<p>Title: Measurement of percentage Haemoglobin in Blood: A Simple Approach</p> <p>Conference: National Symposium on Instrumentation (NSI-22) held at National Physical Laboratory, New Delhi</p> <p>Year: 1997 Publisher: National Physical Laboratory, New Delhi</p>
9	<p>Title: Robust System for Speaker Recognition-MFCC and WOCOR features with GMM and VQ Modelling for Speech</p> <p>Conference: National Conference on Recent Trends in Electronics and Communication (NCRTEC-2010)</p> <p>Publisher: Sri Jagadguru Balagangadharanath Institute of Technology, Bangalore</p>

13. MEMBERSHIP OF SOCIETIES:

Sl. No	Membership	Name of Society
a.	Life Member – 1988	Indian Society for Technical Education (ISTE)
b.	Life Member – 1998 MIE	Institution of Engineers (IE), Calcutta
c.	Life Member – 2006	Institution of Electronics and Telecommunication Engineers (IETE)

14. 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 Oct. 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.

15. LIST OF M.TECH. (DIGITAL ELECTRONICS) PROJECTS GUIDED:

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

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Karnataka India