



JSS MAHAVIDYAPEETHA

# JSS ACADEMY OF TECHNICAL EDUCATION

JSSATE Campus, Uttarahalli – Kengeri Main Road, Bangalore – 560 060

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1. **NAME** : LATHA B. N.
2. **Designation** : ASSISTANT PROFESSOR
3. **Name of the Dept.** : ELECTRONICS AND COMMUNICATION ENGINEERING
4. **Date of joining the Institution:** 12- 11-1997
5. **Date of Birth** : 28-03-1968
6. **Father's Name** : B. S. NANJUNDAPPA
7. **Sex** : Female
8. **Nationality** : INDIAN
9. **Contact No.** : +91 8050938296
10. **E-mail ID** : [lathajss@gmail.com](mailto:lathajss@gmail.com)
- a. **Correspondence** : ASSISTANT PROFESSOR,  
ECE DEPARTMENT,  
JSS ACADEMY OF TECHNICAL EDUCATION,  
UTTARAHALLI – KENGERI MAIN ROAD  
BENGALURU 560060
- b. **Permanent Address** : 633, 7<sup>TH</sup> Main Road,  
Vijayanagar, Bangalore-560040
11. **Employment Type** : Permanent
12. **Educational Qualifications** : **B.E., M.Tech.,**  
(In reverse Chronological Order)



Sl. No.	Degree	Branch	Specialization	Year of passing	University
1	M Tech	Electronics & Communication Engineering	Industrial Electronics	February 1997	Mangalore University
2	B.E.,	Electronics & Communication	Electronics & Communication	January 1990	Mysore University

13. **Service / Experience Details** : 27 years  
(In reverse Chronological Order)

a. **Teaching Experience:**

Sl. No.	From (dd-mm-yy)	To (dd-mm-yy)	No. of years	Degree or Diploma Institution	Designation	Name of the Institute
1	1/07/2005	Till Date	11.2 Years	Degree	Assistant professor	J.S.S Academy of Technical Education, Dept. of Electronics & Communication, Bengaluru 560 060
2	1/06/2001	30/06/2005		Degree	Senior Lecturer	J.S.S Academy of Technical Education, Dept. of Electronics &

			4.1 Years			Communication, Bengaluru 560 060
3	12/11/1997	31/05/2001	3.6 Years	Degree	Lecturer	J.S.S Academy of Technical Education, Dept. of Electronics & Communication, Bengaluru 560 060
4	14/05/1990	10/11/1997	7.6 Years	Degree	Lecturer	Bapuji Institute of Engineering and Technology, Dept. of Electronics & Communication, Davangere-577004
5	18/11/1989	13/05/1990	0.6 Years	Degree	Lecturer	UBDTCE, Dept. of Electronics & Communication, Davangere-577004
<b>Total Experience</b>			<b>27 Years</b>			

**b. Industrial Experience:**

Sl. NO	From	To	No. of years	Designation	Name of the Company
1					

**14. Membership in various University Boards / Committees / Other (Specify):**

Sl. No.	Body	From	To	Name of the University / Institution / Organisation
1	Board of Examiners			
2	Board of Studies			
3	Academic Senate			
4	Executive Council			
5	LIC                      MPCC			

15. Awards :

16. Details of Books published:

17. Number of Ph.D. Guidance :

18. Field of Expertise / Interest : Wireless Communications,  
Computer Communication Networks,  
Hardware Description Languages,  
Digital Circuits & Logic Design

19. Patents :

20. Projects

Sl. No.	Name of the project	Principal Investigator / Co-Investigator	Amount sanctioned From	Amount	Date of start of the project	Date of completion of the project	Outcome of the project
1							
2							
3							
4							

21. Details of Publications:

Google scholar link: <https://scholar.google.co.in/citations?user=0Gh6DnoAAAAJ&hl=en>

As on 30-08-2016

<b>Citation Indices</b>	<b>All</b>	<b>Since 2011</b>
<b>Citations</b>	<b>138</b>	<b>124</b>
<b>h-Index</b>	<b>7</b>	<b>7</b>
<b>i10-Index</b>	<b>6</b>	<b>6</b>

Number of papers published in International Journals : 34

Number of papers published in National Journals : 25

Number of papers published in International Conferences : 27

Number of papers published in National Conferences : 16

**a. Journals: International**

<b>Sl. No.</b>	<b>Name of Co-Author</b>	<b>Title of Paper</b>	<b>Name of the Journal</b>	<b>Publisher</b>	<b>Publication citation ISSN, ISBN, Vol. No., Issue, pp</b>
1	Geeta Hanji	Reliable Filters for Impulse Noise Suppression Methods Implementation and Experimental Analysis	International Journal of Soft Computing and Engineering (IJSCE)	Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd.	ISSN : 2231-2307 Volume No. :4 Issue :6 Month & Year : January 2015 Page Nos. : 80-84 Impact factor :

2	Rajakumar T M P	Adaptive Thresholding Based Medical Image Compression Technique Using Haar Wavelet Based Listless SPECK Encoder and Artificial Neural Network	<a href="#">Journal of Medical Imaging and Health Informatics</a>	American Scientific Publishers	ISSN : 2156-7018 Online ISSN : 2156-7026 Volume No. : 5 Issue : April 2015 Month & Year : January 2015 Page Nos. :223-234 (12) Impact Factor :
i. 3	Kumaraswamy, Anami B.S	A performance-based features selection for automatic identification of bone X-ray images	International Journal of Biomedical Engineering and Technology	ISSN : Online ISSN : Volume No. : Issue : Month & Year : Page Nos. :	ISSN : Online ISSN : Volume No. : 12 Issue : No. 3, Month & Year :2013, Page Nos. : pp. 252-276 Impact Factor :
ii.	ii.				
iii.	iii.				
4	Shashidhara H. R	A Hardware Implementation of Palm Recognition using 1-D DWT”,	International Journal of Systems, Algorithms & Applications		ISSN : 2277-2677 Online ISSN : Volume No. : 3 Issue : ICEEC13, Month & Year : June 2013 Page Nos. : pp. 43-45 Impact Factor :
5					
6					
7					

b. Journals: National

Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, Impact Factor, pp
1	Geeta Hanji	Detail Preserving Fast Median Based Filter	Journal of Advanced Computer Science and Technology (JACST)	Science Publishing Corporation <a href="http://www.sciencepubco.com/">www.sciencepubco.com/</a>	1 (4) (2012) 195-206 ©

				<a href="index.php/JACST">index.php/JACST</a>	
2	Geeta Hanji	A NEW IMPULSE NOISE DETECTION AND FILTERING ALGORITHM	Image Processing & Communication,	Versita, Warsaw Publisher.	Vol. 16,no. 1-2, pp.43-48, DOI: 10.2478/v10248-012-0004-4 43,
3	-----	Application of Weighted Least-Squares Technique for Designing Equiripple FIR Higher Order Digital Differentiators	Institution of Engineers (India) journal		Vol. 85, November 2004, pp. 29-33.

c. Conferences: International

<b>Sl. No</b>	<b>Name of Co-Author</b>	<b>Title of Paper</b>	<b>Name of the Conference</b>	<b>Publisher</b>	<b>Publication citation ISSN, ISBN, Vol. No., Issue, pp</b>
1	Dushyantha N.D, Sayanu Pamidighantam	Two Dimensional Spatial Fusion Technique for Imaging of Damages in Plates using Lamb Waves”,	Proceedings of Third International Conference on Sensors and Related Networks (SENNET-12), VIT University, Vellore, India.		January, 19 <sup>th</sup> to 21 <sup>th</sup> 2012, pp.206-209.
2	T.M.P Rajkumar	“Wavelet based compression with ROI coding for medical images”,.	Advanced Engineering and Technology (ICAET), Visakhapatnam,	perfect world wide, Organized by IT Research India,	8 <sup>th</sup> December, 2012, ISBN:978-81-925751-8-6, paper title no 3, pp.9-13
3	Geeta Hanji, N. M. Shweta,	An Improved Nonlinear Decision Based Algorithm for Removal of Blotches and Impulses in Gray scale Images	Advanced Computing & Communication Technologies, ROTHAK, Haryana,		ACCT 2012, 7 <sup>th</sup> & 8 <sup>th</sup> January, 2012.
4	Geeta Hanji, Madhuri Deshak	Medical Image Segmentation	Advancement of Engineering at GOA, INDIA		ISSN 2278-2540 12 <sup>th</sup> September 2012

5	T.M.P Rajkumar	Medical Image Compression on a Multi ROI with Edge Feature Preserving	International Journal of Computer Applications (IJCA), VLSI Communication and Instrumentation (ICVCI '12),	Foundation of Computer Science.	pp.13-19, 2011
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d. National conferences / Symposium / workshops

<b>Sl. No</b>	<b>Name of Co-Author</b>	<b>Title of Paper</b>	<b>Name of the Conference</b>	<b>Publisher</b>	<b>Publication citation ISSN, ISBN, Vol. No., Issue, pp</b>
1	Lalitha Y. S Shrikant G.K	Image Compression using different Wavelet Transforms	"Recent Trends in Electronics & Communication",		Organized by the Dept. of Electronics & Communication Engineering, SJB Institute of Technology, Bangalore. pp 97-101.
2	Lalitha Y. S	Lossless and Lossy Compression of DICOM Images with Scalable ROI	National Conferences -10		Organized by the Dept. of Electronics & Communication Engineering, SDM College of Engineering & Technology, Dharwad, Karnataka, India, August 2010.
3	Eswarappa M N	Biometric Person Authentication using Speech and Signature Information-WOCOR Features for Speech information and VPP-HPP-DCT Features with DTW technique for Signature recognition	National Conference on Emerging Trends in Engineering-PGFEST '10		7 <sup>th</sup> May 2010, at NMAM Institute of Technology, Nitte-574110, Karnataka.
4	Eswarappa M N	Robust System for Speaker Recognition-MFCC and WOCOR features with	Recent Trends in Electronics and Communication-		8 <sup>th</sup> May 2010, at SJBIT-Bangalore-60.



		GMM and VQ Modelling for Speech	NCRTEC-2010		
5	Eswarappa M N	Handwriting Recognition System using Dynamic Time Warping Technique	Convergence of Signal Processing, Communication and VLSI Design, NCSCV '10,		13 <sup>th</sup> -14 <sup>th</sup> August 2010, at SDMCET-Dharwad. Karnataka.