



JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION

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1. **NAME** : Dr. D Jayadevappa
2. **Designation** : Professor
3. **Name of the Dept.** : Electronics & Instrumentation Engineering
4. **Date of joining the Institution** : 01-08-2011
5. **Date of Birth** : 22.07.1970
6. **Father Name** : H Devappa
7. **Sex** : Male
8. **Nationality** : Indian
9. **Contact No.** : 9986134424
10. **E-mail ID** : jayadevappad@jssateb.ac.in
- a. **Permanent Address** : #53, 1st main, 7th Cross, Srikrishna Garden 'B' Block,
Rajarajeshwari Nagar, Bengaluru-560 059
- b. **Correspondence Address** : Same as above
11. **Employment Type** :
12. **Educational Qualifications** : B.E., M. Tech., Ph.D.,



Sl. No.	Degree	Branch	Specialization	Year of passing	University
1	Ph.D	ECE	Image Processing	2011	JNTU, Kakinada
2	M.Tech	Instrumentation Technology	Biomedical Instrumentation	2000	VTU, Belagavi
3	B.E	Instrumentation Technology	Instrumentation Technology	1994	Bangalore University

13. Service Details:

a. Teaching Experience:

Sl. No.	From (mm/yy)	To (mm/yy)	No. of years	Degree or Diploma Institution	Designation	Name of the Institute
1	March 2000	Oct 2000	½ Years	Degree	Lecturer	SBMIT, B'lore
2	Oct 2000	Dec. 2006	06 Years	Degree	Lecturer	MSRIT, B'lore
3	Dec. 2006	July. 2010	04 Years	Degree	Asst. Professor	MSRIT, B'lore
4	July. 2010	Aug. 2011	1 Years		Associate Professor	MSRIT, B'lore
5	Aug. 2011	Till date	5	Degree	Professor	JSSATE, B'lore
Total Experience			Years	16 ½ Years		

b. Industrial Experience:

Sl. No.	From	To	No. of yrs.	Designation	Name of the Company
2	1994	1997	3 Years	Engineer	IPA Pvt. Ltd. B'lore

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

Sl. No.	Body	From	To	Name of the University / Institution / Organisation
1	BOE member	2011	2012	VTU, Belagavi
2	BOE Chairman	2012	2013	VTU, Belagavi
3	BOE member	2013	2014	Dr. AIT, B'lore
4	BOS member	2014	2015	SIT, Tumkur
5	Advisory Committee Member	2014	2015	SIT, Tumkur
6	BOE Member	2015	2016	RVCE, B'lore
7	BOE Chairman	2016	Till date	VTU, Belagavi

15. Awards : -NIL-

16. Field of Expertise / Interest : Image Processing, Biomedical Signal Processing & Industrial Instrumentation

17. Details of Books published : -NIL-

18. Patents : -NIL-

19. Projects : -NIL-

20. Number of Ph.D. Guidance : 08

21. Details of Publications:

Google scholar link: https://scholar.google.co.in/scholar?q=+d+jayadevappa&btnG=&hl=en&as_sdt=0%2C5

As on 20-09-2016

Citation Indices	All	Since 2011
Citations	86	79
h-Index	4	4
i10-Index	3	3

Number of papers published in International Journals : 18

Number of papers published in National Journals : 03

Number of papers published in International Conferences : 08

Number of papers published in National Conferences : 03

a. Journals: International

Sl. No.	Name of Co-Authors	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Pushpa Mala S, & Ezhilarasan K	Watermarking mammograms using spline based fractional wave packet transform	International Journal of Applied Engineering Research	Research India publications (RIP)	P: ISSN 0973-4562. E: ISSN 0973-9769, Vol. 11, No. 5, pp. 3347–3351. July 2016
2	C.Gururaj & SatishTunga	A Study of Different Content Based image Retrieval Techniques	International Journal of Advanced Research in Computer & Communication Engineering	IJARCCCE	E-ISSN: 2278 – 1021, P-ISSN No. : 2319 –5940, DOI: 10.17148 Vol. 5, Issue 8, pp. 247–252, .2016.

3	C.Gururaj & SatishTunga	Content Based Image Retrieval System Implementation through Neural Network	IOSR Journal of VLSI and Signal Processing	IOSR-JVSP	E-ISSN: 2319–4200, P-ISSN: 2319–4197, DOI:10.9790/4200-0603034247 Vol.6, Issue 3, pp.42–47, June 2016.
4	C.Gururaj & SatishTunga	Fundus Image Features Extraction for Exudate Mining in Coordination with Content Based Image Retrieval: A Study	Journal of The Institution of Engineers (India): Series B, Springer	Springer	Communicated in July 2016
5	Harish. M	Innovative Architecture for FPGA based Multicore Hybrid Processor	International Journal of Scientific & Engineering Research	IJSER	ISSN: 2229-5518 Vol. No.7, Issue 6, June 2016.
6	Parameshappa G, Madhukar.G. N. M.	Over Coming of Errors in TMR System Utilizing Scan chain Methods	American Journal of Engineering Research	AJER	E-ISSN: 2320-0847 P-ISSN : 2320-0936 Vol. 5, Issue-3, pp-165-170, 2016
7	M S Ananth Kumar	A Comprehensive Survey of Router Functionality	Indian Streams Research Journal	ISRJ	ISSN: 2230-7850 Vol. 6 , Issue -5, June - 2016
8	SatishTunga, & C. Gururaj,	A Comparative Study of Content Based Image Retrieval Trends and Approaches	International Journal of Image Processing (IJIP)	CSC Publisher	ISSN : 1985-2304 Volume No. : 9 Issue : 3 Month & Year : June 2015
9	Puspa Mala S & K. Ezhilarasan	Digital Image Watermarking Techniques: A Review	International Journal of Computer Science & Security (IJCSS)	CSC Publisher	ISSN : 1985-2304 Volume No. : 9 Issue : 3 Month & Year : June 2015
10	Duney D Sam, & Syed Aquib R	Delineation and Advancement of Electric Power Measuring System using PIC Microcontroller and Processing	International Journal of Current Engineering and Technology (IJCET)	INPRESSCO Publishers	ISSN : 2277-4105 Volume No. : 5 Issue : 3 Month & Year : June 2015 Page Nos. : 1874-1877
11	Thirunarayana Theerthan & Vinay Kumar R	Valve Control using Microcontroller	International Journal of Applied Engineering Research	Research India Publications	ISSN : 0973-4562 Volume No.: 10, Issue: 44 Month & Year: 2015 Pp. 31576 - 31579

12	Puspa Mala S & K. Ezhilarasan	Application of Fractional Wave Packet Transform for Robust Watermarking of Mammograms	International Journal of Telemedicine and Applications	HINDAWI Publishers	ISSN : 1687-6415 Vol. 15, pp. 1-9, Oct 2015
13	D. Maheshkumar, S. C Prasannakumar & B. G Sudarshan	Heart Rate Variability: A Review	International Journal of Advance Research in Science & Engineering	AR Research Publication	ISSN :2319-8354(E) Volume No. : 3 Issue : 1 Month & Year : Jan 2014 Page Nos. : 49-64
14	Sharan Kumar & Radhika Naik	Implementation of Image Segmentation Algorithm using FPGA	International Journal of Engineering Research & Technology	Research India Publications	ISSN :2278-0181 Volume No. : 3 Issue : 4 Month & Year : Apr 2014 Page Nos. :2700-2702
15	Sharan Kumar & Radhika Naik	Implementation of Huffman Image Compression & Decompression Algorithm, Vol. 2, Issue 4, April 2014. ISSN: 2321-5526	International Journal of Innovative Research in Electrical, Electronics, Instrumentation & Control Engineering	IJIREEICE	ISSN :2321-5526 Volume No. : 2 Issue : 4 Month & Year : Apr 2014 Page Nos. :1356-1358
16	Sharan Kumar & Radhika Naik,	Implementation of Image Edge Detection Algorithm using FPGA	Management & Applied Sciences	Research and Scientific Innovation Society	ISSN :2278-2540 Volume No. : 3 Issue : 2 Month & Year : Apr 2014 Page Nos. :69-72
17	Dr. Srinivas Kumar & D S Murty	A New Deformable model based on Level sets for medical Image segmentation	International Journal of Computer Science (IJCS)	IAENG	ISSN : Volume No. :36 Issue :3 Month & Year : Dec 2009 Page Nos. : 199-207
18	Srinivas Kumar & D S Murty	A Hybrid segmentation model based on watershed and gradient vector flow for the detection of Brain tumor	International Journal of Signal Processing, Image Processing and Pattern Recognition (IJSIP)	SERSC	ISSN : Volume No. : 2 Issue : 3 Month & Year : Sept 2009 Page Nos. : 29-42

b. Journals: National

Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	S Srinivas Kumar & D S Murty	Medical Image Segmentation Algorithms using Deformable Models: A Review	IETE Technical Review	IETE	Volume No. : 28 Issue : 3 Month & Year : June 2011 Page Nos. : 248-255
2	D. S Murty	Algorithm for Segmentation of Medical Images based on Watershed Transform	Journal of Intelligent System Research	Serial Publications	ISSN :033-41860 Volume No. : 1 Issue : 2 Month & Year : Dec 2007 Page Nos. :123-128
3	D S Murty & Srinivas Kumar	Active contours for segmentation of brain tissue using MRI data	Journal Analysis & Computation	Serial Publications	ISSN : Volume No. : 4 Issue : 1 Month & Year : 2008 Page Nos. : 79-85

Conferences: International

Sl. No	Name of Co-Author	Title of Paper	Name of the Conference	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Pushpa Mala S, Jayadevappa. D & Ezhilarasan, K	Performance Analysis of Block Based SVD Watermarking Scheme for Medical Images	RTEICT 2016. IEEE Conference	IEEE Explore	May 2016
2	C. Gururaj & Satish Tunga	An Effective Implementation of Exudate Extraction from Fundus Images of the Eye for a Content Based Image Retrieval System through Hardware Description Language	ERCICA	Springer India 2015	ISBN: 978-81-322-2552-2 Month & Year : Aug 2015 Page Nos. : 279-290

3	Shankar B.B & D. Jayadevappa	Estimation of exudates in an alveoli generating abnormal lung sounds	International Advance Computing Conference (IACC- 2017) Hyderabad, India	IACC	Accepted for presentation
4	C Gururaj & Satish Tunga	Novel Algorithm for Exudate Extraction from Fundus Images of the Eye for Content Based Image Retrieval System	4 th IEEE International Conference on Control System, Computing & Engineering (ICCSCE-2014)	IEEE Explore	28 th -30 th November 2014, Penang, Malaysia
5	Shankar B. Bandiwaddar	Continuous Adventitious Sound: A signal Review	International Conference on Information & Communication Engineering	ICICE	ISSN :978-81-31703-83-2 Month & Year : June 2013 Page Nos. : 11-14
6	S. Srinivas Kumar & D. S Murty	Image Segmentation via Gradient Watershed Hierarchies and fast Region Merging	International conference on Modelling & Simulation CITICOMS-2007, Coimbatore Institute of Technology (CIT), Coimbatore.	CITICOMS	ISSN : Volume No. : Issue : Month & Year : Aug 2007 Page Nos. :
7	S. Srinivas Kumar & D. S Murty	A Fast Watershed Algorithm and its Applications to Brain Tissue Segmentation	International conference on Advances in Computer Vision and Information Technology (ACVIT-IEEE-07), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	IEEE Computer Society	ISSN : Volume No. : Issue : Month & Year : 2007 Page Nos. : 867-873
8	S. Srinivas Kumar & D. S. Murty	Automatic Watershed Segmentation & Comparison between Pixel Scan method & Order Invariant Algorithm for Image	Segmentation International conference on Computational Intelligence & Multimedia Applications-ICCMA' 07, Mepco Schlenk Engineering College & IEEE, 13 th -15 th Sep 2007	IEEE Computer Society	ISSN : 0-7695-3050-8/07 Volume No. : Issue : Month & Year : 2007 Page Nos. : 195-200

d. Conference: National

Sl. No.	Name of Co-Author	Title of Paper	Name of the Conference	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	G Parameshappa & K P Ajith	Approximately Linear Phase Digital Filter Bank with FRM Techniques	National Conference on VLSI, Signal & Image Processing		August 22 nd & 23 rd 2014, JSSATE, Bangalore
2	Lavanya S, Supriya S, Usha K, and Babu K S	Implementation of 3-D DWT for MR Image Compression using VLSI Architecture	National Conference on Wireless Control & Communication Technology		27 th & 28 th April, 2011