

National Institute of Technology, Tiruchirappalli:

Performa for CV of Faculty/ Staff Members

Curriculum Vitae



1. **Name** : M.SRIDEVI
2. **Designation:** Assistant Professor
3. **Office Address:** Department of CSE, NIT, Trichy.
4. **Telephone** (Direct) (Optional):
Telephone : 04312503216 Extn (Optional):3216
Mobile (Optional):
5. **Email** (Primary): msridevi@nitt.edu Email (Secondary) :
6. **Field(s) of Specialization:** Image processing,
Parallel processing,
Soft computing Techniques.

7. Employment Profile

Job Title	Employer	From	To
Assistant professor	NIT, Trichy	3.12.2008	Till Now
Lecturer	Sastra University, Tanjore	1.6.2007	20.11.2008
Lecturer	Sri Venkateswara College of Engineering, Sriperumbudur, Chennai	6.7.2006	30.4.2007

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
Ph.D	NIT, Trichy	2015		Image Processing
M.E	Annamalai University	2006	I class with Distinction	Computer Science
B.E.	Annamalai University	2004	I class	Information Technology
12 th	State Board	2000	I class	Maths and Science

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16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
June 29 to July 4, 2009	Summer Term Course on Program Optimization for Multicore Architecture	National	Participant	Dept. of CSE	IIT, Kanpur
Dec.20 – 22, 2011	International conference on soft computing for Problem Solving	International	Presenter	IIT, Roorkee	IIT, Roorkee
January 9– 13, 2012	Short term course on Introduction to Forensic Engineering and Failure Analysis	(Inter) National	Participant	CEA, NITT and University of North Carolina, USA	NITT
Feb 18 – 19, 2012	ISTE workshop on Writing Effective Conference Papers	National	Participant	IIT Bombay	Remote center SASTRA University, Tanjore
February 29 - March 2, 2012	QIP sponsored Workshop on Engineering Optimization using MATLAB & EXCEL	National	Participant	IIT, Guwahati	IIT, Guwahati
25–27 May, 2012	2 nd International conference on computer science, Engineering and Applications	International	Presenter	Delhi	Delhi

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8-June 2012	Workshop on Support Vector Machines	National	Participant	NITT	NITT
25 th June - 4 th July 2012	ISTE Workshop on Introduction to Research Methodologies	National	Teaching Assistant	IIT Bombay	Remote center NITT
July 5 – 6, 2012	Workshop on Technical Paper Presentation using LATEX software	National	Participant	NITT	NITT
October 5 – 7, 2012	Workshop on Nuances of Support Vector machines	National	Participant	MBA dept.	NITT
28 – 29 April 2015	TEQIP Sponsored Conclave on Academic Reforms	National	Participant	NITT	NITT
8 – 13 Aug, 2016	Workshop on Data National Analytics concepts and techniques for business intelligence	National	Participant	CSE and MBA Dept.,	NITT

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
Workshop on Introduction to Cryptology	National	30 th May to 4 th June, 2016	Coordinator	NIT, Trichy

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18. Invited Talks delivered

Topic	Date	Inviting Organization
Operating Systems	15.04.2016	MRK Institute of Technology, Kattumannarkoil.
Computer Graphics	25.07.2016	Kings College of Engineering, Tanjore.

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Life Member	Computer Society of India (CSI)	Membership No. 01169305

20. Academic Foreign Visits - NIL

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
M.Sridevi and C.Mala	A survey on monochrome image segmentation methods	Procedia Technology (Elsevier)	6	548 – 555	2012	
Mala, C. and M. Sridevi	Color Image Segmentation using Hybrid Learning Techniques	IT Convergence Practice	2 (2)	21– 42	2014	
Sridevi,M. , C. Mala and Siddhant Sanyam	Optimised Template Matching Technique in parallel environment with exhaustive search and swarm intelligence	International Journal of Parallel, Emergent and Distributed Systems; Taylor and Francis	30 (2)	118 - 134	2015	

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Mala, C. and M. Sridevi	Multilevel Threshold Selection for image segmentation using Soft Computing Techniques	Soft Computing, Springer	20,(5)	1793 –1810	2016	
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(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
Narendran Rajagopalan, C.Mala, M.Sridevi, R. Hari Prasath	Optimized Channel Allocation Using Genetic Algorithm and Artificial Neural Networks	Advances in Intelligent and Soft Computing (Springer)	645 – 655	International Conference on Soft Computing for problem Solving	IIT, Roorkee	2011
M.Sridevi, C.Mala, Siddhant sanyam	Comparative Study of Image Forgery and Copy-Move Techniques	Advances in Intelligent and Soft Computing (Springer)	715-723	Second International Conference on Computer Science, Engineering and Applications	Delhi	2012
M.Sridevi, C.Mala and S.Sandeep	Copy – move image forgery detection in a parallel environment	Computer Science Conference Proceedings in Computer Science & Information Technology (CS & IT) series	19– 29	International Workshop on Signal Image Processing and Multimedia	Chennai	2012
Mala, C. and M. Sridevi	Parallel Algorithms for Edge detection in an Image	IEEE Conference proceedings	23 - 30	International Conference on Network-Based Information Systems	Salerno	2014

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Sridevi, M., C. Mala and E. Sivasankar	Optimized Multilevel Threshold Selection using Evolutionary Computing	IEEE Conference proceedings	149– 156	International Conference on Network- Based Information Systems	Salerno	2014
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(C) **Books & Monographs** – NIL