




Sai SAI RAM INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF INFORMATION TECHNOLOGY

Name : Dr. J.M.Nandhini	
Designation	Associate Professor
Qualification	M.C.A, M.Phil, M.Tech, Ph.D
Area of Specialization	Distributed Systems, Machine Learning
Experience	UG:05 PG: 16 Industrial Experience : NIL
No. of workshop / Conferences / FDP attended	Workshops & FDP : 50 International Conference : 13 National Conference : 8
No. of workshop / Conferences / FDP organized	Workshops: 3 FDP: 1 International Conferences: - National Conferences : -
No.of Funded Projects	-
No.of Research Guidance	-
Membership in Professional Bodies	ISTE,CSI, IEEE

PROFESSIONAL EXPERIENCE:

S.No	Organization	Post Held	Number of Years	From	To
1.	Sri Sai Ram Institute of Technology	Associate Professor	21	16/6/2017	Till Date
2.	Sri Sai Ram Engineering College	Assistant Professor - I	9 years 4 months	4/2/2008	15/6/2017
3.	Sri Sai Ram Engineering College	Lecturer	6 years 3 month	3/7/2000	30/9/2006

FACULTY ACHIEVEMENTS:

Publications	Journals
	<ol style="list-style-type: none">1. “Implementation of Image compression and Encryption using XML Signatures for Law Enforcing Authorities”, International Journal of Computer Network and Security, Vol 1.2. “Enterprise Cloud – Wave of the Future”, International Journal of Mathematics and Engineering with Computers Vol2.No1-2 ISSN 2230-8911.3. “Platform Autonomous Custom Scalable Service using Service Oriented Cloud Computing Architecture”, International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol. 2, Issue 2, Mar-Apr 2012, pp.1467-1471.4. “Automatic Structuring of Semantic Web Services – An Approach”, International Journal of Computer & Communication Technology (IJCCT) ISSN (<i>ONLINE</i>): 2231 - 0371 Volume 4, Issue 1, 2013.5. “Fault Tolerance in Grid – An Overview”, International Journal of Advanced Computational Engineering and Networking, ISSN: 2320-2106, Volume-1, Issue-10, Dec-2013.6. “Adaptive Fault Tolerance – Byzantine Technique”, International Journal of Latest Trends in Engineering and Technology (IJLTET)7. “Fault Tolerance using Adaptive Checkpoint in Cloud–An Approach”, International Journal of Computer Applications, October 2017

		8. “ Review on failure forecast in cloud for a fault tolerant system ”, International Journal of Engineering & Technology,2018 9. “ An Assessment Survey of Cloud Simulators for Fault Identification ”, IEEE Xplore Library, 2019 10. “ Enhanced fault identification and optimal task prediction (EFIOTP) algorithm during multi-resource utilization in cloud-based knowledge and personal computing ”, Personal and Ubiquitous, 2019 11. “ Fault Aware Dynamic Resource Manager for Fault Recognition and Avoidance in Cloud ”, Computer Systems Science & Engineering, 2021 12. “ Smart Tree Management with Biodiversity Preservation Using Image Processing and Blockchain Technology ”, IEEE Xplore Library, 2021 13. “ An Analysis of the applications of Natural Language Processing in various sectors , IOS Press, EBook : Volume 38: Smart Intelligent Computing and Communication Technology, Pages: 598 – 602, 2021. 14. “ Topical Sentiment Classification to Unmask the Concerns of General Public during COVID-19 Pandemic using Indian Tweets ”, IEEE XPlore , February 2022 15. “ Data Mining for Human emotions classification based on skin conductance response and heart rate – A survey ”, IEEE XPlore, March 2022 16. “ An IoT based Intelligent Transport and Road Safety System ”, IEEE XPlore , April 2022 17. “ Securing web user privacy with steganalysis of images using Deep learning ”, IEEE XPlore, July 2022
	Book Chapters	Natural Language Processing – A Panoramic view
	Conferences	20
Events organized		20
Events attended		50
Awards Received		Best Faculty Award
Details on Funded Projects		-
Details on Thesis		Effective fault identification for optimized fault mitigation in cloud
Details on Research Guidance		-