

RNS Institute of Technology, Channasandra, Bangalore-560098
CSE Dept | RESUME - Faculty



Name	Dr. Sudhamani M J sudha_nbs@yahoo.co.in
Subject / Discipline/ Major	CSE
Educational Qualifications	Completed BE(CSE) from BMS college of Engineering , Bangalore during 2004 M. Tech (CSE) from AMCEC, Bangalore during 2008 Ph. D (CSE) from VTU during 2019
Experience	17 years of teaching experience at RNSIT CSE department
Areas of Research Interest & Guidance	Pattern Recognition and Image Processing, Machine Learning
National/ International Work Shops/ Seminars / Conferences Attended	Annexure-1
No. of Papers Presented/ Books Published	10 papers

ANNEXURE-1

Papers Presented:

1. “ Interconnection for implementing massively parallel algorithms” at National conference ACIS-2009 on 21/2/2009 at Kongu Engineering college, Tamil Nadu.
2. “Estimation of spatial complexity and consideration for interconnection for Flosolver series of parallel computer.” 18th Annual symposium on ENC2SP on 29/8/2009 at IEEE Bangalore section.
3. “Revisiting Feature level and Score level Fusion Techniques in Multimodal Biometrics System “,in the 3rd International Conference on Multimedia Computing and Systems ICMCS-12, May 10-12, 2012 at Tangier, Morocco
4. “Fusion at decision level in Multimodal Biometric Authentication System using Iris and Finger vein with Novel Feature extraction”, at 11th IEEE India Conference (INDICON), organized by Pune IEEE section during 11-13th December,2014,Pune, India.
5. “A survey on Finger vein recognition system”, in 3rd International conference on Computer networking and Information Processing (ICCNIP-2015) at AMC college of Engineering Bangalore, during 20-30 April 2015.
6. “Face recognition-A survey”, in 3rd International conference on Computer networking and Information Processing (ICCNIP-2015) at AMC college of Engineering Bangalore, during 20-30 April 2015.
7. “ A survey on feature extraction techniques for classification of human using face and iris biometric”, in 11th international conference on Recent trends in computer science and engineering,NCRTCSE-16 at SJBIT Bangalore on 7th May 2016.
8. “Feature Level Fusion of Iris and Finger Vein Biometrics for Multimodal Biometric Authentication System”, International Journal of Recent Technology and Engineering (IJRTE), ISSN 2277-3878, vol.7, Issue 5, pp. 132-139, 2019.
9. “Fusion of Iris Texture with Finger Vein Geometry for Authentication”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN 2278-3075, vol. 8, Issue 3, pp.176-180, 2019.

10. "Diagnosis of brain diseases using neural networks", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN 2278-3075, vol. 9, Issue 2S, pp.176-180, 2020.

Seminars and workshops attended:

1. Workshop on Java, J2EE,EJB and Middleware from 2nd to 4th March 2006, conducted by Sun Microsystems and RNSIT at RNSIT.
2. Workshop on "Cluster Computing" at Atria Institute of Technology, from 6th to 10th August 2007.
3. Workshop on "Computer Graphics and Visualization" at RNSIT from 28th to 31st January 2009.
4. Workshop on "Java/J2EE and Web Programming "at MCA dept RNSIT from 2nd to 3rd February 2009.
5. Workshop on " Programming the web and Software Architecture at RNSIT from July 27-30,2009
6. Participated and presented a paper in First National Conference on "Advanced Computing and Information Systems-2009" (ACIS-2009), on 21st February 2009, at Kongu Engineering College, Tamil Nadu.
7. Participated and presented a paper in "18th National Symposium on "Emerging Needs in Computing, Communication, Signals and Power" (ENC²SP), on 29th August 2009, at Bangalore.
8. Participated in a Mission 10x workshop conducted at Global Academy of Technology at Bangalore from 14th December to 18th December 2009.
9. Attended 2 day workshop on "Android Mobile Operating Systems", on 21st and 22nd April at RNSIT, Bangalore.
10. Participated in one day workshop on "Latest Developments in Computer Technologies" (WLDCT-2011) on 4th November, 2011 at Bangalore Institute of Technology, Bangalore.
11. Participated in the 5th Indian International Conference on Artificial Intelligence during 14-16,2011 at Siddaganga Institute of Technology, Tumkur.
12. Participated in the "International Conference on Data Engineering & Communication Systems (ICDECS-2011) on 30th and 31st December 2011, organized by the Department of CSE and ISE RNSIT.
13. Participated in FDP on System Software and Operating System Lab, conducted by department of CSE & ISE, RNSIT Bangalore during January 21-22, 2013
14. Participated in workshop on Latex and Scilab/Octave, conducted by department of MCA, RNSIT Bangalore during January 23-24, 2013.
15. Participated in FDP on Matlab and its application to Image processing and communication, conducted by department of ECE, RNSIT Bangalore during January 28-30, 2013.
16. Participated in workshop on Research Methodologies and Latex organized by VTU e-learning center, Mysore at BIT Bangalore during February 4-5,2013.
17. Participated in FDP on Programming in C and data structures, conducted by department of CSE & ISE, RNSIT Bangalore during July 24-25, 2014.
18. Participated in FDP on Software Testing Lab, conducted by department of CSE & ISE, RNSIT Bangalore during July 30-31,2012.
19. Participated in PhD Colloquium, IACC-2015, IEEE conference conducted at BMS College of Engineering, Bangalore during June 12-13,2015.
20. Attended and participated in ICDECS-2015 held at RNSIT, Bangalore during December 28-29,2015.
21. Attended 5 days FDP on "Machine Intelligence and Image Processing", organized by department of CSE, SJBIT, Bangalore during 20 to 24th July 2015.
22. Attended 2nd international conference on Data Engineering and Communication Systems on December 28-29th ,2015 at RNSIT.
23. Attended 3-day In-house FDP on "Fundamental and Advanced Concepts of UNIX OS", July 20-22, 2016.

24. 2-day FDP on “Microprocessors and ARM Programming, OOP with Java”, Jan 29-30, 2017.
25. 3-day In-house FDP on “Database Application Development using Python/Java”, in association with ISE and MCA departments, July 20-22, 2017.
26. 3-day In-house FDP on “Machine Learning”, in association with ISE department, July 19-21, 2018.
27. 3-day In-house FDP on “Web Technology and Applications”, in association with ISE department, July 23-24, 2018.
28. Three Day FDP on Python Application Programming, 28th -30th Jan 2019 at RNSIT.
29. An Invited Talk was organized on “Importance of Machine Learning and its Applications” by Mrs. Vidya Hungud, Asst. Vice President, SRE-Reliance Jio Cloud Platform, 30th Mar 2019 at RNSIT.
30. An expert talk was delivered by Dr. Vijayalaxmi Nair , Professor Christ University , Bangalore on “Curves and Surfaces”, on 2nd May 2019 at RNSIT.
31. One Day Workshop on Problem Solving with Python in association with BITES Bengaluru, by Dr. C P Ravikumar, 18th January 2020 at RNSIT
32. One Week FDP by IIT Guwahati on Artificial Intelligence and Machine Learning, 27th -31st Jan 2020 at RNSIT
33. An Expert Talk on How Educational Institutions adopt to Security needs globally by Mr. Sunil , CEO, CyQureX Systems, 5th Feb 2020 at RNSIT.