

## Department of CSE

### Faculty Profile

#### **Dr. S. Jessica Saritha**

Assistant Professor

Dept. of Computer Science and Engineering

Areas of Specialization: Data Mining and Data warehousing

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Educational Qualification: M-Tech, Ph.D

Work Experience: 12 Years

National Journals: 01

International Journals: 32

National Conferences: 01

International Conferences: 12



#### **Conferences / paper Publications**

- Smt S.Jessica Saritha and Prof. P Govinda rajulu , . ‘Spectral relevance coding in mining for genomic Application at First International Conference on Computer Science and Information Technology (COSIT-14) at Bangalore on 13 -14 September 2014 ,in conference proceedings ISBN 978-1-921987-12-0, p.no 1-7 ISSN:2231-5403.
- Smt S.Jessica Saritha and Prof. P Govinda rajulu , ‘Clustering Methods for Credit card using Bayesian rules based on K-means Classification in International Journal of Advances Computer Science an Applications, volume 1 Issue 4 , October 2010 p. no. 86-91, ISSN No:2156-5570
- Smt S.Jessica Saritha and Prof. P Govinda rajulu , “Grid Data Mining for Genomics and Gridification of Genomic Application’ in International Journal of advances in Science and Technology IJAST, volume 2 No 5 , May Special issue 2011 p. no. 71-77 ,ISSN No: 2229-5216.
- Smt S.Jessica Saritha and Prof. P Govinda rajulu , .‘An efficient multidimensional multilevel representation of genomic data set in International Journal of Computer Information Systems , volume 3 Issue 1 , July 2011, p. no. 63-69,ISSN: 2229-5208.
- Smt S.Jessica Saritha and Prof. P Govinda rajulu , .‘A Data preprocessing technique of cleansing of genomic data in International Journal of Computer Information Systems , volume 3 Issue 1 , August 2011, p. no. 77-87 , ISSN 2229-5208
- Smt S.Jessica Saritha and Prof. P Govinda rajulu , .’High processing Genomic signal Application with Adaptive region prediction , International Journal of Computer Information Systems , volume 3 Issue 5 , November 2011, p. no. 60-90, ISSN : 2229-5208

- Smt S .Jessica Saritha and Prof. P Govinda rajulu A Grid based Mining Approach to Genomic Data Set, International Journal of Computer Applications ,Volume 116 – No. 4, April 2015. ISSN : 0975 – 8887
- Smt S. Jessica Saritha and Prof.P. Govindaraulu “Grid Computing Approach for Text Mining the Biomedical Documents “,International Journal of Emerging Research in Management &Technology ISSN: 2278-9359 (Volume-4, Issue-11) November 2015 .
- Smt S. Jessica Saritha Prof. P. Govindarajulu “Emerging Statistical Models for the Analysis of Genomic Data”, International Journal of Advanced Research in Computer Science and Software Engineering , Volume 5, Issue 11, November 2015 ISSN: 2277 128X .
- E.Pushpa Latha and Smt. S.Jessica Saritha, “A Lose-less visible watermarking using histogram shifting algorithm”, International Journal of Computer Science information systems volume:4 No:5 April 2012 , ISSN: 2229-5208.
- V.Geetha and Smt S.Jessica Saritha, “Multi-decision tree classification in master data management”, International Journal of Computer Science and Technology(IJCST) (ISSN: 2277-1280), Page No. 216-220, Volume 3, Issue 14, July to September2012.
- CH. Srilakshmi Prasanna and S. Jessica Saritha, “A QOS Oriented Cognitive Radio based VHOM Scheme for WIMAX/WIFI Overlay Networks” in International journal of science and research” ISSN : 2319-7064 p.no 331-336 volume 2 issue 11 November 2013.
- V. Sreekanth reddy and Smt S.Jessica Saritha, “An efficient and effective ranking on spatial data by quality preferences”, International Journal of research in Computer and communication technology volume:2 issue 11 p.no. 1250-1256 November 2013 , ISSN: 2278-5841.
- V.Thukaram and Smt S.Jessica Saritha, “Image edge detection using ant colony optimization algorithm”, International Journal of research in Computer and communication technology volume:2 issue 11 p.no.1256-1260 November 2013 , ISSN: 2278-5841.
- G.P.Narasaiah, Smt.S.J.Saritha and M.Munibabu . “Link analysis extension for mining relational databases” , International Journal of compute Communications and Networking IJCCN vol:2 No:4 December 2013
- L.Dilip and Smt S.Jessica Saritha, “Website Structure Transformation by Page Access Connectivity Mining for Optimal User Navigation”, International Journal of Advanced Research in Computer Science and Software Engineering (ISSN: 2277 128X), Page No. 211-215, Volume 4, Issue 10, October 2014.
- B. Revathi and Smt S.Jessica Saritha, ” Context Aware Relative Support Service Information Extraction from Big Data”, International Journal of Advanced Research in Computer Science and Software Engineering (ISSN: 2277 128X), Page No. 237-240, Volume 4, Issue 10, October 2014.

- V.Kullayappa Yadav and Smt S.Jessica Saritha, “Parallel Graph Projection and Pruning for Frequent Item Set Mining”, International Journal of Advanced Research in Computer Science and Software Engineering (ISSN: 2277 128X), Page No. 251-257, Volume 4, Issue 10, October 2014.
- V.Vijaya Kumar and Smt S.Jessica Saritha, “FABAH: Fault Abide Byzantine Attack Handler for Mapreduce”, International Journal of Advanced Research in Computer Science and Software Engineering (ISSN: 2277 128X), Page No. 216-220, Volume 4, Issue 10, October 2014.
- M.Naga seshudu, Smt.S.J.saritha on“Aggressive Query Forms for Database Queries” International Journal of Software Engineering and Technology Informatics, ISSN 2348-2370, Volume No.03, Issue No.04, May-2015.
- B.Nagaraju Naik, Smt S.J.Saritha on” Automatic Tuning the Expiry Time Based on Accuracy at LBS” International Conference on Emerging Trends in Engineering Research,Oct 20-21,2016,Vels University, Chennai.
- V.SaiHaritha,Smt.S.J.saritha on “A Privacy and Dynamic Multi-keyword Ranked Search Scheme over Cloud Data Encrypted” IEEE International Conference on Communication and Electronics System,PPGIT,Coimbatore, Oct 21-22,2016.
- T.Riyaz,Smt.S.J.saritha on “Auditing for Shared Dynamic Cloud Data with Group User Revocation” IEEE International Conference on Communication and Electronics System,PPGIT,Coimbatore, Oct 21-22,2016.
- D.Raghunath Kumar Babu,Smt.S.J.saritha on “A Double leasing Policy with Boosted Pattern Technique” IEEE International Conference on Communication and Electronics System,PPGIT,Coimbatore, Oct 21-22,2016.
- A.Manasa,Smt.S.J.saritha on “An Evidence Multi-Copy Dynamic Data Possession in MultiCloud Computing System” IEEE International Conference on Communication and Electronics System,PPGIT,Coimbatore, Oct 21-22,2016.
- D.Uma Maheswari,Smt.S.J.saritha on “Mobile Apps Fraud Detection Using Ranking” International Journal of Engineering and Computer Science, Oct 10,2016.
- R.L.Pravallika,Smt.S.J.saritha on “Carrying Out Safe Exploration Short of the Actual Data of Codes and Trapdoors” International Conference on Theory and Practical Relation in Engineering,28 Aug,2016.
- M.Blessy Sharon,Smt.S.J.Saritha,”Edge based Robust Image Watermarking Scheme for Copyright Protection of Images”,IEEE International Conference on Energy,Communication,Data Analytics and Soft Computing Chennai,Aug 01-02,2017

## **Workshops**

1. Acted as convener for the workshop on LINUX Programming conducted in the Department during 23rd & 24th August 2012
2. Acted as convener for SARVAGNYA 13 a National level student technical symposium during 04th- 06 th March 2013.
3. Acted as a convener for the workshop on Ethical hacking during SARVAGNYA-13
4. Acted as coordinator for the FDP on Research Applications in Digital Image Processing conducted in the Department during 14th & 15th March 2014
5. Attended an in-house training programme during 2-12-2004 to 10-12 2004 in Dept of E.C.E. in Rajeev Gandhi Memorial College of Engineering , Nandyal.
6. Attended an in-house training programme during 01-12-2005 to 09-12 -2005 in Dept of E.C.E. in Rajeev Gandhi Memorial College of Engineering , Nandyal.
7. Attended an in house training programme during 31-08-2006 to 09-09-2006 in Dept of E.C.E. in Rajeev Gandhi Memorial College of Engineering , Nandyal
8. Attended a National level workshop on Emerging trends in Intelligent Computing and communications from 20-09-2008 to 24-09-2008 in Dept of CSE , Rajeev Gandhi memorial college of Engineering , Nandyal, A.P
9. Attended a workshop organized by Microsoft & IEG/JKC through MANATV on System integration on 20th February 2009. at RGM CET Nandyal, A.P.
10. Attended a workshop on Applications of MATLAB for Engineering computations During 10-12 January 2014 at IITDM Jabalpur Madhya Pradesh.
11. Attended faculty development programme on pedagogical training (core module ) During 1st -5th March 2014 organized by ESCI at JNTUA CEP
12. Attended a National level workshop on Innovative methods of teaching and soft skills during 27th & 28th March 2014 organized by ESCI at JNTUA CEP
13. Attended a workshop titled Technology enhancement learning through NMEICT – Implementation of spoken tutorial project on 10th July 2014
14. Attended a workshop on Cloud Computing in Academics and Research during 4th to 6th April 2014 at JNTUA CEP.