Dr. Shobha G
JOURNALPAPERS

1. Adarsh R. Hegde, R. S. Sujala Reddy, P. Kruthika, B. C. Pragathi, Sreerama Sai Lahari, N. Deepamala & G. Shobha, ""Automated government form filling for aged and monolingual people using interactive tool", Journal of Disability and Rehabilitation: Assistive Technology, Taylor and Francis, https://doi.org/10.1080/17483107.2023.2277825, 2023

2. Manoj Kartik R, Mohammed Amaan, Mridul Mohta, N Kruthik Bhushan, Poonam Ghuli, Shobha G, "Recommendation System for SmartMart- A Virtual Supermarket", ASTES, Volume 5, Issue 6, Page No 1408-1413, 2020, https://astesj.com/v05/i06/p170/

3. Yatish H. R., Shubham Milind Phal, Tanmay Sanjay Hukkeri, Lili Xu, Shobha G, Jyoti Shetty, Arjuna Chala, "Massively Scalable Density Based Clustering (DBSCAN) on the HPCC Systems Big Data Platform", Vol 10, No 1, 2021

4. Bhavya Bhatia1, Dr. Shobha, 'Enhancement in Security of Backup and Recovery Based System', International Research Journal of Engineering and Technology, Volume: 07 Issue: 05 | May 2020, pp 1496 -1499.

5. Minal, Karthik, Shobha, Vishal, ' Scapy Scripting To Automate Testing of Networking Middleboxes', Advances in Science, Technology and Engineering Systems Journal (ASTESJ Volume 5, Issue 2, Page No 293-298, 2020.

6. Dipayan Sinha, Shobha G,' Protocol Dissector Tool for Decoding In Band Packet Header On A Switch' , International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-4, April 2020, pp 1937- 1942

7. Prapulla S B1, Jyoti Shetty2, Vinay A Kulkarni3, K N Subramanya 4, . Uma B V 5, .Ramakanth Kumar P6, Dr.Shobha G, 'Design and Analysis of an Online Course using Moodle Platform', *Journal of Engineering Education Transformations, Volume 33, January 2020, Special issue, eISSN 2394-1707*

8. Prapulla S B, Karthik KS, B Sumukha Adiga, Shobha GPERFORMANCE ESTIMATION OF Wi-Fi ACCESS POINT FOR EXCLUSIVE VoIP TRAFFIC, Vol 15, issue 7, 2020. https://seyboldjournal.com/2020-issue-7/#sno135

9. G. Shobha, S.C. Sharma, Doreswamy, "*TheKnowledge Discovery for large Sets Using Artificial Neural Network,"*InternationalJournal of InnovativeComputing, Information and Control, ISSN 1349-4198 1349-4198. Volume-1, Number-4, 2005, Page No. 635-642.

10. G. Shobha, S.C. Sharma, Doreswamy, "*Development of Palmprint verificationsystem using biometrics,"*InternationalJournal of Software Vol. 17, No8, August 2006, pp, 1874-1836.

11. Shobha.G, M. Krishna, S C Sharma, "*Mining Association rules,*" Journal of application and analysis, Volume-1, Number-1, 2005, Page No. 1-14.

12. Shobha.G, M. Krishna, S C Sharma, Prediction of "*Census DataBase using ANN"*, Journal of application and Mathematical analysis Volume-1, Number-1, 2005, Page No. 45-54.

13. Shobha.G, "*Digital copyright management using software watermarking",* Indian Journal of Computing Technology, Vol 2, Pg 51-55, Nov. 2007.

14. Rajashree Shettar, G.Shobha , "*Surveyon semi structureddata",* International Journal of Computer Science and Network Security, Vol.7 No. 8, Pg 226- 231, August 2007. ISSN:

1738-7906.

15. G. N. Srinivasan , G. Shobha, Segmentation Techniques for ATDR, International Journal of computers, ISSUE-2, Vol-2, P.171-176.

16. G. N. Srinivasan , G. Shobha, Segmentation Techniques for Target Recognition, International Journal Of Computers Communications, Issue 3, Volume 1, 2007, P.75-81.

17. B.M. Sagar, G.Shobha, Ramakanth Kumar P, "Converting printed Kannada text Image file to Machine editable format using Database approach", International Journal of Computers, ISSN: 1998-4308, Page Number: 171-174.

18. B.M. Sagar, G.Shobha, Ramakanth Kumar P, OCR for printed Kannada text to Machine editable format using Database approach, WSEAS Transactions on Computers, ISSN: 1109-2750 Issue 6, Volume 7, June 2008 Page Number 766-769.

19. Rajashree Shettar, Rahul Bhuptani, G Shobha, "*A Vertical Search Engine based on Domain Classifier*", IJCSS- International Journal of Computer Science and Security. Vol. 2, Issue 4, pp. 18-27, November 2008. ISSN(On-line): 1985-1553.

20. Rajashree Shettar, Dr. G Shobha and Rakshitha Iyer, "*MedSearch: A Vertical Search Engine*", IJCSES – International Journal of Computer Science and Engineering Systems, Vol. 3, No.2, April 2009 ISSN: 0973-4406.

21. Rajashree Shettar, Dr. G Shobha, *"Finding Frequent Structures in Semistructured Data"*, ICIC-EL International Journal of Research and Surveys. Vol.3, No. 2, June 2009, pp. 135-140. ISSN 1881-803X.

22. B.M. Sagar, G.Shobha, Ramakanth Kumar P, Solving the Noun Phrase and Verb Phrase Agreement in Kannada Sentences, International Journal of Computer Theory and Engineering (IJCTE) ISSN: 1793-821X (Online Version), 2009.

23. B H Chandrashekar, G. Shobha, "An efficient Client-Webcrawler", International Journal of Computing and Mathematical Applications Vol.2, no. 1-2, January-December 2008, pp.133-141.

24. B H Chandrashekar, G. Shobha, "Classification of Documents Using Kohonen's Self-Organizing Map", International Journal of Computer Theory and Engineering, Vol 1, N0.%, December, 2009, 1793-8201.

25. Shanta Rangaswamy, Shobha G, "SQL query dissembler-A self optimizing autonomic system",International Journal of Advanced Research in Computer Science (IJARCS)-A online journal , in II issue Volume 2 No.2, Page no: 219-223 , Mar-Apr 2011.ISSN No.0976-5697.

26. Shantha Rangaswamy, Shobha G, "Techniques and Theories of Self-Optimization in Autonomic Systems" is published by International Journal of Advanced Engineering Technologies (IJAET) –A technical journal online. Page no: 73-80.Published in Issue I, Volume II, January-March 2011. E-ISSN 0976-3945.

27. Shantha Rangaswamy, Shobha G, "A survey on Autonomic self optimizing systems" is published by ICICEL-International Journal of Research and Surveys, Japan. ISSN 1881-803x. Page No: 517-523, in February 2011. Vol 5, Issue 2. Indexed by Ei Compendex (Elsevier),Scopus (Elsevier),INSPEC(IET).

28. Anala M R, Dr. Shobha G, "Performance Study On Open Source Softwares for virtualization Using Hard Disk Benchmarking Tool", CiiT International journal of automation and autonomous system, Print: ISSN 0974 – 9659 & Online: ISSN 0974 – 9551,July 2011, pp. 312-315.

29. Shantha Rangaswamy, Shobha " Survey on Self Optimization" ICIC Express Letters, International journal of research and surveys,pp no:517-523, Feb-2011, Vol 5, Issue 2.

30. Shobha G, Self Organizing Map Neural Network for Image Compression Using Cumulative Distribution Function, International journal of Computational Intelligence Research, ISSN 0973-1873 Volume 7, Number 1 (2011), pp. 63-71.

31. Pushpa, Shobha G, Survey: Multi-relational Telecom Social Networks for Churn Prediction, International Journal of Data warehousing & Mining, Vol1, Issue 2, pp.172-175, Nov 2011.

32. Anala M R, Shobha G, Autonomic Computing in Virtualized Environment, International Journal of Information Technology Convergence and Services (IJITCS) Vol.2, No.1, February 2012.DOI : 10.5121/ijitcs.2012.2108 pp 67-74.

33. Anala M R, Shobha G, Application of Autonomic Computing principles in Virtualized Environment, Journal of Computer Science & Information Technology (CS & IT), pp. 203–208, 2012.

34. Prakash H R, Anala M R, Shobha G, Performance Analysis of Transport Protocol during Live Migration of Virtual machines, Indian Journal of Computer Science and Engineering, ISSN : 0976-5166, Vol. 2 No. 5 Oct-Nov 2011, pp 715-722.

35. Shantha Rangaswamy, G Shobha, ' What' and 'Why' of Autonomic Computing, CSI Communications Knowledge Digest for IT Community, ISSN 0970-647X, Vol No. 35, Issue No. 5, August 2011.

36. JyothiShetty, Anala M R, Shobha G, A Survey of Secure Live Migration of Virtual Machines, International Journal of Computer Applications (0975 – 8887) Volume 39– No.12, February 2012.

37. Shobha G, Satish Kumar N, Recent Trends in Machine Learning For Background Modeling and Detecting moving Objects, International Journal of Advances in Engineering & Technology" , May 2012, Vol 3, Issue 2, pp. 309-313.

38. Shobha G, Vartika Mudgal, Moving Object Detection in the real world video, ISOR Journal of Computer Engineering, ISSN 2278-0661, Issue 2 (May-June 2012), pp 92-94.

39. Prathiba D, Shobha G, "Privacy-Preserving public auditing for data storage security in cloud computing" published in International Journal of Computer Engineering and Technology,Volume4,Issue3,May-June 2013,pp.441-448. impact factor: 9.3590

40. Prathiba B, Shobha G "Semantic Web Search Engine" published in International Journal of Advanced Research in Computer Science and Software Engineering, Volume 3,Issue 6,June 2013,pp.974-979. impact factor: 2.5

41. Prathiba B, Shobha G "A road map on Security Deliverables for mobile clouds application" published in International Journal of Advanced Research in Computer and Communication Engineering, Volume 2,Issue 6, , July 2013, pp. 2625-2629. Impact Factor: 5.947

42. Hemavathy R, Dr. Shobha G,*Image Mining Techniques*: A Review, International Journal of Computer Science and Information Technology & Security (IJCSITS), ISSN: 2249-9555Vol. 3, No.1, February 2013, Page No 72-75. Impact Factor : 3.765

43. Hemavathy R, Dr. Shobha G, *Efficient Image Mining Techniques using Spatial Information* International Journal of Science and Research (IJSR), ISSN: 2319-7064, Volume 2 Issue 3, March 2013,345-349. impact factor: 6.391

44. Prathiba D, G Shobha, " A Road map on Security Deliverables for Mobile Cloud Applications ", International Journal of Advanced Research In Computer And Communication Engineering, Vol 2, Issue 7, July 2013, pp 441-448. Impact Factor: 5.947

45. Puspa, Shobha G," An Efficient Method of Building the Telecom Social Network for Churn Prediction", International Journal of Data Mining & Knowledge Management Process (IJDKP) Vol. 2, No 3, pp31-39, DOI: 10.5121/ijdkp. 2012.2304, May 2012.

46. Puspa, Shobha G, " Social Network Analysis for churn Prediction in Telecom Data", International Journal of Computer & Communication Technology (IJCCT) ISSN (PRINT): 0975-7449, Vol. 3, Issue-6, PP. 128-135, 2012.

47. Shobha G, Jayavardhana Gubbi, Krishna S Raghavan, Lakshmikanth Koushik, " A novel fuzzy rule based system for assessment of ground water potability: A case study in South India", ISOR, journal of Computer Engineering (ISOR-JCE) e-ISSN: 2278-87, Volume X, Issue X, pp20-23.

48. Sri Vidhya, M, Shobha G, " A Survey on :: On Underwater Video Processing For Detecting and Tracking Moving Object", International Journal of Engineering and Computer Science ISSN: 2319- 7242, Vol. 3, Issue 1, Jan 2014, pp. 3768-3771. impact factor: 4.3098

49. Hemavathy R, Dr. Shobha G , "Object Detection and Tracking under Static and Dynamic environment: A Review", International Journal of Advanced Research in Computer and Communication Engineering(IJARCCE), ISSN- 2319-5940, Vol. 2, Issue10, OCT 2013, Page No 4095 – 40100. Impact Factor: 5.947

50. G. Shobha, J. Gubbi, K. S. Raghavan, L. K. Kaushik, and M. Palaniswami, "A novel fuzzy rule based system for assessment of ground water potability: A case study in South India," IOSR journal of computer science and Engineering , *e-ISSN: 2278-0661, p- ISSN: 2278-8727Volume 15, Issue 2 (Nov. - Dec. 2013), PP 35-41.Impact Factor: 9.52*

51. Manas M N, Nagalakshmi C K, Shobha G, "Cloud Computing Issues And Methods to Overcome", International Journal of Advanced Research in Computer and Communication Engineering, Vol 3, Issue 4, April 2014. Impact Factor: 5.947

52. Bilesh Babu, Shobha G, "A Survey on cast shadow detection methods", IJRP, International Journal for Scientific Research and Development, Vol 2, Issue 4, 2014, ISSN 23210613, pp 466-470. impact factor: 4.396

53. Azra Nazreen, Shobha G ," Key frame extraction using edge change ratio for shot segmentation ", International Journal of Advanced Research In Computer and Commnication Engineering, Volume 2, Issue 11, November 2013, ISSN (Online):2278-1021 ISSN(Print): 2319 – 5940.Impact Factor: 5.947

54. Darshan K R , Azra Nasreen, Shobha G," Detection and Tracking of multiple moving objects in real time", International Journal of Advanced Information Science and Technology(IJAIST) 2013 ISSN: 2319 – 2682, impact factor 3.5.

55. Shobha G, Shobha ," Water Quality Predictions Using Data Mining Techniques", International Journal of Engineering and Computer Science,ISSN :2319-7242, 2014, pp. 6299-6306.

56. Shobha G, Shobha, " Rainfall prediction using Data Mining Techniques : A Survey", International journal of Engineering and Computer science ISSN: 2319-7242, Vol 3, issue 5, May 2014, pp. 6206-6211. Impact Factor : 2.38

57. Anala M. R., Hemavathy R., Shobha G," Outcome Based Education: An empirical approach", Journal of Engineering Education Transformations , Volume 28 , No.2 & 3 , Oct. 2014 & Jan. 2015 , ISSN 2349-2473,pp:92-97.

58. S Kushwanth Ram1, Sachin Araballi, Shambhavi B R,Shobha G, "Sentiment Analysis of Twotter Data", International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 3 Issue 12, December 2014, pp. 4337-4342. **Impact Factor :3.696**

59. R., Hemavathy R, Shobha G ," Object Detection and Tracking under Static and Dynamic Environment: A Review, International Journal of Advanced research in Computer and Communication Engineering, Vol 2, Issue 10, October 2013, pp. 4095-4100.

60. Jayashree R, Shobha G, " Comparative Study of Deep Convolution and Mean Shift", International Journal of Innovations and Advancement in Computer Science, IJIACS, ISSN 2347-8616, Volume 4, Issue 6, June 2015. Impact Factor : 2.65

61. D Pratiba, G Shobha, "S-DILS: Framework for Secured Digital Interaction Learning System Using keccak" , Journal of Software Engineering in Intelligent Systems, Springer Publications, 2015, pp. 175-187, 2015.

62. D.Pratiba, Dr.G.Shobha, Vijaya Lakshmi P.S, "Efficient data retrieval from cloud storage using data mining technique", International Journal of Cybernetics and Informatics (Free Journal), Vol. 4, No. 2, April 2015, pp.261-269.

63. D.Pratiba, Dr.G.Shobha, Sonali Tandon, Srushti S.B, Vartika Agarwal, "Cache based Side Channel Attack on AES in Cloud Computing Environment" , International Journal of Computer Applications, Vol 119,-No.13, June 2015, pp.14-17, ISSN: 0975-8887, Impact Factor: 0.715.

64. D.Pratiba, Dr.G.Shobha, IDLS: Framework for Interactive Digital Learning System with Efficient Component Modelling , Emerging Research in Computing, Information, Communication and Applications, © Springer India 2015, ERCICA 2015, Volume 2, ISBN: 978-81-322-2552-2 (Print) 978-81-322-2553-9 (Online), , DOI 10.1007/978-81-322-2553-9_37, pp. 397-409.

65. AzraNasreen, Dr Shobha G, "**A Comperative study of content based search and retreival of video sequences**" in IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), ISSN: 2249-9555,Vol.6, No4, July-August 2016(**SciVerse Scopus indexed**).Impact Factor : 3.765

66. Hemavathy R, Shobha G, "Moving Object Segmentation from Underwater Videos Using Adaptive Collective Background Learning Approach", International Journal of Applied Engineering Research (IJAER) ,indexed in **SCOPUS, EI** , ISSN:0973-4562, Vol. 11, No. 9, May 2016 , pp. 6651-6654.

67. Hemavathy R, Dr. Shobha G," Segmentation of multiple objects in underwater dynamic background" International Journal of Computer Science and Information Security for J anuary –February 2017 issue, indexed in DOAJ, Academic Database**. Impact factor : 0.553**

68. Prathiba D. Shobha G , RSECM: Robust Search Engine using Context-based Mining for Educational Big Data, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 7, No. 12, 2016, pp. 39-51 Impact factor: 1.324

69. Sahana Upadhya, Jyoti Shetty, Raja Rajeshwari H S, Dr. G Shobha, A State-of-Art Review of Docker Container Security Issues and Solutions, American International Journal of Research in Science, Technology, Engineering & Mathematics, ISSN (Print): 2328-3491, ISSN (Online): 2328-3580, ISSN (CD-ROM): 2328-3629, pp. 33-36, 2016

70. Venkat Ramana Reddy, Mohamed Safwan, Deepamala.N Shobha. G, Pmkumar S, Network Traffic Simulator from Real Time Captured Packets, International Journal of Applied Engineering Research ISSN 0973, 4562 Volume 12, Number 20(2017) , pp 10134-10137.

71. Deepamala, Shobha G, Effective approach in making Capstone project a holistic learning experience to students of undergraduate computer science engineering program, Journal of Technology and Science and education, Vol 8, No 4. ISSN: 2013-6374,2018.

72. Azra Naseer, Vnutha, Shobha, "Analysis of Video Content through Object Search Using SVM Classifier", Innovations in Electronics and Communications, pp 325 - 333,2018

73. Satish Kumar, Shobha, "Detection of moving Cast Shadow using Pixel and Texture", Journal of Software, Vol 13, Issue 2, pp 82-90, 2018

74. Shakti Kumar , Sneha M. , Dr. Shobha G., "A Novel Approach for Standardizing Authentication Schemes in OpenDayLight Controller", ISSN (Online): 2328-3580, American International Journal of Research in Science, Technology, Engineering & Mathematics, 23(1), June-August, 2018, pp. 251-256.

75. Rahul Muppanagouda Patil, Chethan K P, Azra Nasreen, Shobha G, "*Robust Foreground Modelling to Segment and Detect Multiple Moving Objects in Videos,*" International Journal of Electrical and Computer Engineering (IJECE), Vol. 10, No. 2, April 2020. (*SCOPUS).*

76. Shreyas K K, Abhishek H P. Sneha M, Shobha G, Deepak Kumar, 'Integration of Third-Party Routing Stack to NetScaler CPX', Advances in Science, Technology and Engineering Systems Journal (ASTESJ), Volume 4, Issue 6, Page No 192-195, 2019.