

Publications Journals (SCI/SCI-E Indexed):

1. “An Efficient Lookup Search and Forwarding Mechanism for Content-centric Networking (CCN)”, Kumari Nidhi Lal, Anoj Kumar, Arabian Journal for Science and Engineering, Springer 2017.
2. “A Centrality-Measures Based Caching Scheme for Content-centric Networking (CCN)”, Kumari Nidhi Lal, Anoj Kumar, MULTIMEDIA TOOLS AND APPLICATIONS Springer 2017.
3. A Popularity based Content Eviction scheme via Betweenness-centrality caching Approach for Content-centric Networking (CCN)”, Kumari Nidhi Lal, Anoj Kumar, Wireless Networks, Springer 2017.
4. Shailendra Pratap Singh, and Anoj Kumar, “Pareto Based Differential Evolution with Homeostasis Based Mutation”, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 5, pp. 3245-3257, 2017.
5. Shailendra Pratap Singh, and Anoj Kumar, “Homeostasis Mutation Based Differential Evolution Algorithm”, Journal of Intelligent & Fuzzy Systems, vol. 32, no. 5, pp. 3525-3537, 2017.
6. Shailendra Pratap Singh, and Anoj Kumar, “Multiobjective Differential Evolution using Homeostasis Based Mutation For Application in Software Cost Estimation”, Applied Intelligence, Springer.
7. Prince Bhatia, K. K. Mishra, Divya Kumar, Anoj Kumar “An Improved-Time Varying Acceleration Coefficient Based PSO” Multiple-Valued Logic and Soft Computing ,
8. Anupam Biswas, Bhaskar Biswas, Anoj Kumar and K. K. Mishra “Particle Swarm Optimization with Time Varying Cognitive Avoidance Component” International Journal of Computational Science and Engineering (2016).

Scopus (Elsevier). Journal Papers:

1. “Improving the Fault Detection Capability of Test suite Using Elitist Genetic Algorithm “ In Journal of Academia Publishing,U.K. December 2013.
2. “A Novel approach for minimizing and prioritizing test suite” In Engineering Science Letters, 2014.

Conferences Papers:

1. "An approach of intrusion detection and prevention mechanism for AODV over mobile Ad-hoc Network", Lekhraj, Dalee kumawat and Anoj Kumar, In 2018 proceeding of 16th IRF international conference, New Delhi, p.p. 88-90.
2. "Dynamic Selection of Parameters In Differential Evolution Algorithm", Singh Avjeet and Anoj Kumar, In 2018 8th International Conference on Cloud Computing , Data Science & Engineering (Confluence), pp. 780-786. IEEE 2018.
3. “A Cache Content Replacement Scheme for Information Centric Network”, Kumari Nidhi Lal, Anoj Kumar, IMCIP 2016.
4. Kumari Nidhi Lal, Anoj Kumar, E-Health application using network coding based caching in Information-centric Networking (ICN), 6th INTERNATIONAL CONFERENCE on. Reliability, Infocom Technologies and. Optimization (ICRITO 2017), September 20-22 ,2017,

5. Kumari Nidhi Lal, Anoj Kumar, ICN-WiMAX: An Application of Network coding based Centrality-measures caching over IEEE 802.16. ICSCC 2017, NIT Kurukshetra, 7-8 December, 2017.
6. Shailendra Pratap Singh, and Anoj Kumar, "Differential Evolution Algorithm Using Population Based Homeostasis Difference Vector", Springer's International Conference on Computer, Communication and Computational Science(IC4S-2016), Ajmer, India, August 12-13(Presented), 2016.
7. Shailendra Pratap Singh, and Anoj Kumar, "Software Cost Estimation Using Homeostasis Mutation Based Differential Evolution Algorithm", IEEE Sponsored, 11th International Conference on Intelligent Systems and Control (ISCO) - 5th and 6th January 2017, Coimbatore, Tamilnadu, India, (Online published: <http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7855976>).
8. "Generating efficient test cases using Elitist Genetic algorithm" with K. K. Mishra and A.K.Misra, Word Academy of Science, Engineering & Technology, WCSET 2009, at Bangkok, Vol. 60, ISSN 2070-3724, pp 1333-1335, Dec 25-27 2009.
9. "Optimizing the reliability of Communication Network Using Specially Designed Genetic Algorithm" with K. K. Mishra and A.K.Misra , IEEE proceedings of NABIC, Dec 9-11 at Coimbatore 2009.
10. "A variant of NSGA –II fo solving priority based Optimization Problems" with K. K. Mishra and A.K.Misra, IEEE proceedings of ICIS, 2009.
11. "A New Approach to Solve Mathematical Problems" with K. K. Mishra and A.K.Misra, Word Academy of Science, Engineering & Technology, Amsterdam, Vol. 57, ISSN 2070-3724, pp 463-464, September 2009.
12. "Congestion control in ATM Networks Using Fuzzy Traffic Controller" with Shailesh Tiwari, vivek kumar and sudeept yadav, AIA 2009, National conference at RBS college , Sep 12-13 Agra.2009
13. Generating Efficient Test Cases using Genetic Algorithm, with K. K. Mishra, and A.K. Misra Accepted in ICAI 2010, WorldComp 2010, Las Vegas, July 12-15, 2010 .
14. Generation of efficient Test Data using path Selection strategy with Elitist Genetic algorithm in Regression Testing. with K. K. Mishra, Shailesh Tiwari, and A.K. Misra Accepted in IEEE ICCSIT 2010, Chengdu, China, July 9-11, 2010.
15. Path Selection Strategy for Regression Testing with K. K. Mishra, Shailesh Tiwari, and A.K. Misra in "SERP 2010 in World Comp 2010, Las Vegas, July 12-15, 2010.
16. An Approach for Mutation testing Using Elitist genetic algorithm" with K. K. Mishra, Shailesh Tiwari, and A.K. Misra Accepted in IEEE ICCSIT 2010, Chengdu, China, July 9-11, 2010.
17. Change Analysis Strategy using Program Spectra in Regression Testing" with K.K.Mishra, Shailesh Tiwari and A.K.Misra in International Conference of Intelligent Network & Computing (ICINC-2010) ,Proceeding of IEEE ,26-28, November, 2010, at Kulalumpur, Malaysia.
18. "An Integrated Approach for Regression Testing using Program Spectra and Path Selection" with K.K.Mishra, Shailesh Tiwari and A.K.Misra in International Conference on Test and Measurement (ICTM-2010), Proceeding of IEEE, 1-2, December, 2010, at Phuket, Thailand.
19. "A Variant of Genetic Algorithm for generating test cases for white box testing with K.K.Mishra, Shailesh Tiwari and A.K.Misra in 3rd International Conference on Machine Learning and Computing(ICMLC2011) Singapore, Proceeding of IEEE, February from 26-02-2011 to 28-02-2011.
20. "Spectrum - Based Fault Localization in Regression Testing" with Shailesh Tiwari, K. K. Mishra and A.K.Misra, In 8th International Conference on Information Technology : New Generations ,ITNG 2011, April 11-13, 2011, Las Vegas, Nevada, USA,

21. "Particle Swarm Optimization with Cognitive Avoidance Component "with Anupam biswas , K.K.mishra In ICACCI 2013 IEEE Computer society Sponsored, Aug 22-25 ,2013 held at Mysore,India.