

Research Publication in Journal
International Journals Papers by AIIT Faculty
Publication List of Department Year wise

S.No.	Name of Faculty Member	Name of the Research Paper	Year of Publication	Name of the Journal
1.	Sonia Saini,S.P Singh,Ruchi Agarwal	Healthcare Analytics with R and MongoDB using Social Media	2021	International Journal of Advanced Intelligent Paradigm
2.	Dr. Alka Chaudhary	Systematic Mapping Study of AI/Machine Learning in Healthcare and Future Directions	2021	Journal of Discrete Mathematical Sciences and Cryptography
3.	Saini,N. and Pandey,N. and Singh,A. P.	Trust optimization for byzantine attacks in cognitive networks	2021	International Journal of Sensors, Wireless Communications and Control
4.	Dr. Alka Chaudhary	VM placement and cache based side channel attack at computational level in cloud computing: A Survey	2021	Journal of Discrete Mathematical Sciences and Cryptography
5.	Nidhi Sindhvani, Shekhar Verma, Tushar Bajaj, Rohit Anand	Comparative Analysis of Intelligent Driving and Safety Assistance Systems Using YOLO and SSD Model of Deep Learning	2021	International Journal of Information System Modeling and Design (IJISMD)
6.	Aman Dahiya, Rohit Anand, Nidhi Sindhvani, Deepti Deshwal	Design and Construction of a Low Loss Substrate Integrated	2021	MAPAN

		Waveguide (SIW) for S Band and C Band Applications		
7.	G. Arora, A. K. Dubey, Z. A. Jaffery and A.Rocha	Architecture of an effective convolutional deep neural network for segmentation of skin lesion in dermoscopic images	2021	Expert Systems
8.	Ishita Dhingra, Neel Mani, Arti R. Thakkar	Regulatory Aspects of Personalised Medicines	2021	Applied Drug Research, Clinical Trials and Regulatory Affairs
9.	Shastri Nimmagadda, Neel Mani, Torsten Reiners, Lincoln C. Wood	Big Data Guided Unconventional Digital Reservoir Energy Ecosystem and its Knowledge Management	2021	Pacific Asia Journal of the Association for Information Systems
10.	Rajbala Singh, Deepak Kumar, B B Sagar,	“Predicting Suitable Agile Methods Using Fuzzy AHP”	2021	Recent Advances in Computer Science and Communications, Bentham (BMS)
11.	Rajbala Singh, Deepak Kumar, B B Sagar,	“Fuzzy Analytical Hierarchical Process-based Two-Way Assessment for Agile Testing”	2021	Journal of Discrete Mathematical Sciences and Cryptography.
12.	Nidhi Chandra, Laxmi Ahuja, Sunil Kumar Khatri, Himanshu Monga	Utilizing Gated Recurrent Units to Retain Long Term Dependencies with Recurrent Neural Network in Text Classification	2021	The Journal of Information Systems and Telecommunication (JIST)
13.	Bhajneet Kaur, Laxmi Ahuja, Vinay Kumar	Recent Advances in Computer Science and Communications (Formerly: Recent Patents on Computer Science	2021	Recent Advances in Computer Science and Communications (Formerly: Recent Patents on Computer Science

14.	N.Chandra,L.Ahuja,SK. Khatri,H.Monga	Utilizing Gated Recurrent Units to Retain Long Term Dependencies with Recurrent Neural Network in Text Classification	2021	The Journal of Information Systems and Telecommunication (JIST)
15.	Nidhi Sindhwani , Rohit Anand , Meivel S. , Rati Shukla , *Vikash Yadav	Performance Analysis of Deep Neural Networks Using Computer Vision	2021	EAI Endorsed Transactions on Industrial Networks and Intelligent Systems
16.	Dr Laxmi Ahuja	A Novel Rule based Data Mining Approach towards Movie Recommender System	2020	Journal of information and organizational sciences
17.	Dr. Som Subhranil	An Experimental Study Using Scale Invariant Feature Transform and Key-Point Extraction for Human Ear Recognition System	2020	Advances in Intelligent Systems and Computing
18.	Dr. Nitin Pandey	Developing malevolent node-based protection system against jamming attack in agent assisted CRN	2020	International Journal of Information and Computer Security
19.	Dr. Nitin Pandey	A robust cloud security architecture based on distributed servers, user authentication, and aes, blowfish	2020	Journal of Advanced Research in Dynamical and Control Systems

		encryption techniques		
20.	Dr. Nitin Pandey	An optimized trusted-cluster-based routing in disruption-tolerant network using experiential learning model	2020	International Journal of Communication Systems
21.	Dr. Neetu Mittal	Advance computer analysis of magnetic resonance imaging (MRI) for early brain tumor detection	2020	International Journal of Neuroscience
22.	Dr. Neetu Mittal	Analysis on application of swarm-based techniques in processing remote sensed data	2020	Earth Science Informatics
23.	Dr. Neetu Mittal	Artificial bee colony algorithm in data flow testing for optimal test suite generation	2020	International Journal of Systems Assurance Engineering and Management
24.	S Sengupta, N Mittal, M Modi	Improved skin lesions detection using color space and artificial intelligence techniques	2020	Journal of Dermatological Treatment
25.	Dr. Ajay Rana	A benchmarking framework using nonlinear manifold detection techniques for software defect prediction	2020	International Journal of Computational Science and Engineering
26.				

	Dr. Ajay Rana	Secured sharing of data in cloud via dual authentication, dynamic unidirectional PRE, and CPABE	2020	International Journal of Information Security and Privacy
27.	Dr. Deepak Kumar	Improving Cost for Data Migration in Cloud Computing Using Genetic Algorithm	2020	International Journal of Software Innovation
28.	Dr. Deepak Kumar	Service identification by enhanced K-mean algorithm in service-oriented architecture	2020	International Journal of Process Management and Benchmarking
29.	Dr. Som	Relational delivery model and impact for leveraging blockchain to deliver e-governance services via social media	2020	International Journal of Advanced Science and Technology
30.	Dr. Som	Blockchain characteristics as an instrument to deliver social media parameters required for efficient e-Governance services	2020	Test Engineering and Management
31.	Kalra, S., Jain, S., Agarwal, A.	Capacitive touch sensitive vibro-haptic typing training system for the visually impaired	2020	Journal of Information Technology Research

32.	Dr. Subhranil Som	Relational delivery model and impact for leveraging blockchain to deliver e-governance services via social media	2020	International Journal of Advanced Science and Technology
33.	Dr. Ajay Rana	A benchmarking framework using nonlinear manifold detection techniques for software defect prediction	2020	International Journal of Recent Technology and Engineering
34.	Dr. Som Subhranil	Blockchain characteristics as an instrument to deliver social media parameters required for efficient e-Governance services	2020	Test Engineering and Management
35.	Dr. Ajay Rana	Optimization in wireless sensor network using soft computing	2020	Advances in Intelligent Systems and Computing
36.	Dr. Ajay Rana	Load distribution challenges with virtual computing	2020	Advances in Intelligent Systems and Computing
37.	Dr. Ajay Rana	Evaluating the Impact of Sampling-Based Nonlinear Manifold Detection Model on Software Defect Prediction Problem	2020	Smart Innovation, Systems and Technologies
38.	Dr. Nitin Pandey	On Exploiting Dynamic Trusted Routing Scheme in Delay Tolerant Networks	2020	Wireless Personal Communications

		Wireless Personal Communications		
39.	Juyal,V. and Saggar,R. and Pandey,N.	Trust optimization for byzantine attacks in cognitive networks	2020	Wireless Personal Communications
40.	Saini,N. and Pandey,N. and Singh,A. P.	On Exploiting Dynamic Trusted Routing Scheme in Delay Tolerant Networks	2020	International Journal of Information Technology (Singapore)
41.	Reshu Agarwal	Security enhancement technique in cognitive networks	2020	International Journal of Service Science, Management, Engineering, and Technology
42.	Nidhi Sindhwani, Manjit Singh	A Joint Optimization Based Sub-band Expediency Scheduling Technique for MIMO Communication System	2020	Wireless Personal Communications
43.	G. Arora, A. K. Dubey, Z. A. Jaffery and A.Rocha	Bag of Feature and Support Vector Machine Based Early Diagnosis of Skin Cancer	2020	Neural Computing and Applications
44.	S Sengupta	Moving from Cloud to Fog: An Internet of Things Perspective	2020	Towards Smart World
45.	K Singh, S Sengupta	Diagnostic of the Malarial Parasite in RBC Images for Automated Diseases Prediction	2020	Towards Smart World
46.	Kakkar, M., Jain, S., Bansal, A., Grover, P.S.	Nonlinear geometric framework for software defect prediction	2020	International Journal of Decision Support System Technology,
47.	Joshi, N., Jain, S., Agarwal, A.	Discrete total variation-based non-	2020	Journal of Information

		local means filter for denoising magnetic resonance images		Technology Research,
48.	S.Panjwani S,Naresh Kumar S,Ahuja.L	Simulation performance of selected global and regional climate models for temperature and rainfall in some locations in India	2020	Journal of Agrometeorology
49.	Sharma, M., Ahuja, L., & Kumar, V.	A Novel Rule based Data Mining Approach towards Group Recommender System	2020	Journal of Information and Organizational Sciences
50.	Alka Chaudhary , Komal Saxena, Munawar Alam&Nishank Jain	CRIME TYPE ANALYSIS AND PREDICTION FOR DELHI NCR USING ARTIFICIAL NEURAL NETWORKS	2020	Dogo Rangsang Research Journal
51.	Dr. Deepak Kumar	On the Development of Feature-Based Sprint in AGILE	2019	Advances in Intelligent Systems and Computing
52.	Dr. Deepak Kumar	Optimizing the defect prioritization in enterprise application integration	2019	Advances in Intelligent Systems and Computing
53.	Dr. Deepak Kumar	Research challenges of web service composition	2019	Advances in Intelligent Systems and Computing
54.	Dr. Deepak Kumar	Success and failure factors that impact on project implementation using agile software	2019	Advances in Intelligent Systems and Computing

		development methodology		
55.	Dr. Deepak Kumar	Automation software testing on web-based application	2019	Advances in Intelligent Systems and Computing
56.	Dr. Nitin Pandey	A method in collaborative hybrid routing protocol for next generation wsn by using fuzzy logic	2019	International Journal of Innovative Technology and Exploring Engineering
57.	Dr. Nitin Pandey	AADS: Developing agent-assisted defence system against harmful attacks in cognitive radio network	2019	International Journal of Communication Networks and Distributed Systems
58.	Dr. Nitin Pandey	Bullying and its effect on psychological health: Challenges and prevention	2019	Journal of Advanced Research in Dynamical and Control Systems
59.	Dr. Nitin Pandey	Cultivating Character Strengths among School-Going Children	2019	Journal of Advanced Research in Dynamical and Control Systems
60.	Dr. Subhranil Som	Sponge function based authentication encryption technique (SAFE) using robust initialization vector and ChaCha stream cipher	2019	International Journal of Advanced Science and Technology
61.	Dr. Ajay Rana	A Robust Face Recognition System	2019	Lecture Notes in Computer Science

		for One Sample Problem		(including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)
62.	Dr. Ajay Rana	A Nonlinear Manifold Detection based Model for Software Defect Prediction	2019	Procedia Computer Science
63.	Dr. Ajay Rana	How software size influence productivity and project duration	2019	International Journal of Electrical and Computer Engineering
64.	Dr. Ajay Rana	Statistical assessment of nonlinear manifold detection-based software defect prediction techniques	2019	International Journal of Advanced Science and Technology
65.	Dr. Ajay Rana	Word sense disambiguation using unsupervised approach applied on Punjabi language	2019	International Journal of Advances in Soft Computing and its Applications
66.	Dr. Neetu Mittal	Female perception towards buying decisions of mobile phones: A study on female consumer in Delhi-NCR, India	2019	International Journal of Information Technology (Singapore)
67.	Dr. Neetu Mittal	Improved skin lesion edge detection method using Ant	2019	Skin Research and Technology

		Colony Optimization		
68.	Dr. Neetu Mittal	Study of Haralick's and GLCM texture analysis on 3D medical images	2019	International Journal of Neuroscience
69.	Dr. Rajbala Simon	Predicting suitable Agile method using Fuzzy AHP	2019	Recent Patents on Computer Science
70.	Dr. Nitin Pandey	A Empherical Approach For Reactive and Hybrid Routing Protocol in Wireless Sensor Network	2019	Journal of Advanced Research in Dynamical and Control Systems
71.	Dr. Ajay Rana	A statistical comparison for evaluating the effectiveness of linear and nonlinear manifold detection techniques for software defect prediction	2019	International Journal of Advanced Intelligence Paradigms
72.	Dr. Ajay Rana	Framework for cloud-based software test data generation service	2019	Software Practice and Experience
73.	Dr. Ajay Rana	Guarded dual authentication based DRM with resurgence dynamic encryption techniques	2019	Enterprise Information Systems
74.	Dr. Deepak Kumar	Analytical evaluation of agile		

		success factors influencing quality in banking sector	2019	International Journal of Industrial and Systems Engineering
75.	Dr. Deepak Kumar	Prioritising vulnerabilities using ANP and evaluating their optimal discovery and patch release time	2019	International Journal of Mathematics in Operational Research
76.	Dr. Deepak Kumar	Prioritizing and Optimizing Disaster Recovery Solution using Analytic Network Process and Multi Attribute Utility Theory	2019	International Journal of Information Technology and Decision Making
77.	Dr. Deepak Kumar	Predicting suitable Agile method using Fuzzy AHP	2019	Recent Patents on Computer Science
78.	Dr. Deepak Kumar	A proposed fuzzy optimization technique for software release time problem	2019	International Journal of Innovative Technology and Exploring Engineering
79.	Dr. Deepak Kumar	A hidden Markov model combined with Markov games for intrusion detection in cloud	2019	Journal of Cases on Information Technology
80.	Dr.Lavanya Sharma	An improved local binary patterns		International Journal of Recent

		histograms techniques for face recognition for real time application	2019	Technology and Engineering
81.	Dr.Lavanya Sharma	Performance Analysis of Moving Object Detection using BGS Techniques	2019	International Journal of Recent Technology and Engineering
82.	Dr.Lavanya Sharma	Recent Advancements of augmented reality in real time applications	2019	International Journal of Recent Technology and Engineering
83.	Dr. Sarika Jain	Fuzzy logic based model to predict per phase software defect Open Access	2019	International Journal of Innovative Technology and Exploring Engineering
84.	Dr. Sarika Jain	Comparative analysis of ranking functions for retrieving information from medical repository	2019	Malaysian Journal of Computer Science
85.	Dr.Lavanya Sharma	Challenges, Potential & future of IOT integrated with block chain	2019	International Journal of Recent Technology and Engineering
86.	Dr.Lavanya Sharma	Cloud Computing: Elementary threats & embellishing countermeasures for data security	2019	International Journal of Recent Technology and Engineering

87.	Dr. Sarika Jain	Secure and robust color image watermarking scheme using partial homomorphic cryptosystem in ASWDR compressed domain	2019	Multimedia Tools and Applications
88.	Dr. Sarika Jain	Proposed hybrid approach to predict software fault detection	2019	International Journal of Performability Engineering
89.	Dr. Sarika Jain	Selection of high quality path through MXAODV in mobile ad-hoc network	2019	International Journal of Systems, Control and Communications
90.	Dr. Sarika Jain	Modeling attributes influencing intelligent information software system using exploratory factor analysis	2019	International Journal of Innovative Technology and Exploring Engineering
91.	Dr. Sarvesh Tanwar	An analysis of integration of internet of things and cloud computing	2019	Journal of Computational and Theoretical Nanoscience
92.	Dr. Sarika Jain	Secure image watermarking in a compressed SPIHT domain using Paillier cryptosystem	2019	International Journal of Information System Modeling and Design

93.	Dr. Reshu Agarwal	Inventory Classification using Multi-level Association rule mining	2019	International Journal of Decision Support System Technology
94.	Ms.Sonia Saini	Traffic Deadlock Resolution System Using Internet of Vehicles	2019	International Journal of Innovative Technology and Exploring Engineering
95.	Ms.Sonia Saini	Augmented machine learning ensemble extension model for social media health trends predictions	2019	International Journal of Recent Technology and Engineering
96.	Ms.Sonia Saini	Healthcare International Journal of Advanced Intelligence Paradigms	2019	Analytics with R and MongoDB using Social Media
97.	Dr. Sarvesh Tanwar	An efficient and secure identity based multiple signatures scheme based on RSA	2019	Journal of Discrete Mathematical Sciences and Cryptography
98.	Dr. Subhranil Som	Reliability based Dynamic Multicast Group Formation Provisioning Local Adjustment Ensuring Quality of Service Globally in MANETs	2019	International Journal of Parallel, Emergent and Distributed Systems

99.	Dr. Subhranil Som	The Art Of Apt: the Tools & Attack Vectors & Mitigation Techniques	2019	International Journal of Recent Technology and Engineering
100.	Ms. Sudhriti Sengupta	Improved skin lesion edge detection method using Ant Colony Optimization	2019	Skin Research and Technology
101.	Ms. Sudhriti Sengupta	Color Space Based Thresholding For Segmentation Of Skin Lesion Images	2019	International Journal of Biomedical Engineering and Technology
102.	Dr.Prem Kumar Singh	Bipolar δ -equal complex fuzzy concept lattice with its application	2019	Neural Computing and Applications, Springer
103.	Dr.Prem Kumar Singh	Vague concept lattice reduction using granular computing and vague entropy	2019	Mathematics and Computers in Simulation, Elsevier
104.	Dr. Prem Kumar Singh	Multi-granulation based graphical analytics of three-way bipolar neutrosophic contexts	2019	Cognitive Computations, Springer

105.	Dr.Prem Kumar Singh	Some properties of Pentagonal Neutrosophic Numbers and its Applications in Transportation Problem Environment	2019	Neutrosophic Set and Systems
106.	Dr.Prem Kumar Singh	Complex fuzzy concept lattice	2019	Neural Processing Letters, Springer
107.	Dr.Prem Kumar Singh	Granular based decomposition of complex fuzzy context and its analysis	2019	Progress in Artificial Intelligence, Springer
108.	Dr.Prem Kumar Singh	Single-valued neutrosophic context analysis at distinct multi-granulation	2019	Computational and Applied Mathematics, Springer
109.	Dr.Prem Kumar Singh	Bipolar fuzzy concept learning using Next Neighbor and Euclidean distance	2019	Soft Computing, Springer
110.	Dr. Prem Kumar Singh	Single valued $(2n+1)$ sided polygonal neutrosophic numbers and Single-valued $(2n)$ sided polynomial	2019	Neutrosophic Sets and Systems

		neutrosophic numbers		
111.	Dr.Prem Kumar Singh	Energy and Spectrum Analysis of Interval-valued Neutrosophic graph Using MATLAB	2019	Neutrosophic Sets and Systems
112.	Dr.Prem Kumar Singh	Neutrosophic Technique Based Efficient Routing Protocol For MANET Based On Its Energy And Distance	2019	Neutrosophic Sets and Systems
113.	Dr. Subhranil Som	Cryptanalysis of A Novel Bitwise Xor Rotational Algorithm And Security For Iot Devices	2019	International Journal of Knowledge-Based and Intelligent Engineering Systems
114.	Dr Laxmi Ahuja	Predicting sexual offenders using Exhaustive CHAID techniques on victim's age	2019	International Journal of Applied Management Science
115.	Dr Laxmi Ahuja	Developing a conceptual Model for crime against women using ISM & MICMAC	2019	Recent Patents on Computer Science, Bentham Science

116.	Dr Laxmi Ahuja	Assessing Quality of Mobile Applications Based On a Hybrid MCDM Approach	2019	International Journal of Open Source Software and Processes (IJOSSP),
117.	Dr Laxmi Ahuja	A Hybrid Filtering Approach for an Improved Context-aware Recommender System	2019	Recent Patents on Engineering
118.	Dr Laxmi Ahuja	Evaluating Self-Management Features for Mobile Applications	2019	International Journal of E-Services and Mobile Applications (IJESMA)
119.	Dr Laxmi Ahuja	A Customized Quality Model for Software Quality Assurance in Agile Environment	2019	” International Journal of Information Technology and Web Engineering (IJITWE)
120.	Dr.Mayank Sharma	Cross Project Defect Prediction using Data sampling for Class Imbalance Learning: An Empirical Study	2019	International Journal of Parallel, Emergent and Distributed Systems - Taylor & Francis
121.	Dr.Mayank Sharma	Cross Project Defect Prediction using Ensemble Learning based Multinomial Classifier	2019	EAI Transactions on Emerging Data Mining, Soft Computing Techniques and their Applications , ESCRIPTS

122.	Dr. Prem Kumar Singh	Multi-granular based n-valued neutrosophic contexts analysis, Granular Computing	2019	Granular Computing, Springer
123.	Ms. Sonia Saini	Traffic Deadlock Resolution System Using Internet of Vehicles	2019	International Journal of Innovative Technology and Exploring Engineering
124.	Ms. Sonia Saini	Augmented Machine Learning Ensemble Extension Model for Social Media Health Trends Predictions	2019	International Journal of Recent Technology and Engineering
125.	Dr Laxmi Ahuja	Evaluation of selected global climate models for extreme temperature events over India	2019	International Journal of Climatology
126.	Dr Laxmi Ahuja	Prioritization of global climate models using fuzzy analytic hierarchy process and reliability index	2019	Theoretical and Applied Climatology

127.	Dr Laxmi Ahuja	Prioritization of Global Climate Models Using Fuzzy Analytic Hierarchy Process and Reliability Ensemble Averaging	2019	Springer Journals Climatic Change
128.	Dr Laxmi Ahuja	A Hybrid Context Aware Recommender System	2019	International Journal of Information Technology Project Management (IJITPM)
129.	Dr. Deepak Kumar	Desktop virtualization— Desktop as a service and formulation of TCO with return on investment	2019	Advances in Intelligent Systems and Computing
130.	Dr. Deepak Kumar	Fuzzy software release problem with learning functions for fault detection and correction processes	2019	Advances in Intelligent Systems and Computing
131.	Dr. Deepak Kumar	Structural modelling of implementation enablers of cloud computing	2018	Advances in Intelligent Systems and Computing
132.	Dr. Reshu Agarwal	Ordering Policy using multi-level association rule mining	2018	International Journal of Information Systems and Supply Chain Management

133.	Dr. Nitin Pandey	Trust Optimization for Byzantine Attacks in Cognitive Networks	2018	International Journal of Sensors, Wireless Communications and Control
134.	Dr Laxmi Ahuja	A Framework For Analyzing Crime by using K-Means Clustering Techniques	2018	Journal of Advanced Research in Dynamical and Control Systems (JARDCS)
135.	Dr Laxmi Ahuja	Exploring Quality Aspects of Smart Mobile Phones Applications	2018	Journal of Advanced Research in Dynamical and Control Systems (JARDCS)
136.	Dr Laxmi Ahuja	Software Maintainability Estimation in Agile Software Development	2018	International Journal of Open Source Software and Processes (IJOSSP)
137.	Dr.Mayank Sharma	An empirical analysis of the statistical learning models for different categories of Cross Project Defect Prediction	2018	IJCAET INDERSCIENCE
138.	Dr.Mayank Sharma	Effective Method For Predicting Psychological Factors In Student Performance	2018	Journal of Advanced Research in Dynamical & Control Systems

139.	Dr.Prem Kumar Singh	Concept learning using vague concept lattice	2018	Neural Processing Letters, Springer
140.	Dr.Prem Kumar Singh	Medical diagnoses using three-way fuzzy concept lattice and their Euclidean distance	2018	Computational and Applied Mathematics, Springer
141.	Dr.Prem Kumar Singh	Interval-valued complex fuzzy soft set and its application	2018	International Journal for Uncertainty Quantification
142.	Dr.Prem Kumar Singh	Similar vague concepts selection using their Euclidean distance at different granulation	2018	Cognitive Computations, Springer
143.	Dr.Prem Kumar Singh	Complex neutrosophic concept lattice and its applications to Air quality analysis	2018	Chaos, Solitons and Fractals, Elsevier

144.	Dr.Prem Kumar Singh	m-polar fuzzy graph representation of concept lattice	2018	Engineering Applications of Artificial Intelligence, Elsevier
145.	Dr.Prem Kumar Singh	Interval-valued neutrosophic graph representation of concept lattice and its (α, β, γ) -decomposition	2018	Arabian Journal for Science and Engineering, Springer
146.	Dr. Prem Kumar Singh	Feature selection of Denial-of-Service attacks using entropy and granular computing	2018	Arabian Journal for Science and Engineering, Springer
147.	Dr. Subhranil Som	Fuzzy Logic based Trust Management through Dynamic Multicast Group Formation Provisioning Quality of Service in MANETS	2018	Journal of Advance Research in Dynamical & Control Systems
148.	Dr. Subhranil Som	Spam Mimic and Space Steganography Merged with Cryptography by Square Matrix and Single Point Crossover	2018	Journal of Advance Research in Dynamical & Control Systems

149.	Dr. Subhranil Som	Effective Method for Predicting Psychological Factors in Students Performance	2018	Journal of Advance Research in Dynamical & Control Systems
150.	Dr. Subhranil Som	Meta-analysis of psychometric measures and prediction of student's learning behaviour using regression analysis and svm	2018	Journal of Advanced Research in Dynamical and Control Systems
151.	Dr. Subhranil Som	HS1-RIV: Improved efficiency for authenticated encryption	2018	International Journal of Engineering and Technology(UAE)
152.	Dr. Subhranil Som	Securing data in internet of things using novel neural elliptic galois cryptography and optimal matrix XOR steganography	2018	Journal of Advanced Research in Dynamical and Control Systems
153.	Dr. Sarika Jain	Combining Data Preprocessing Methods With Imputation Techniques for Software Defect Prediction	2018	International Journal of Open Source Software and Processes

154.	Dr. Sarika Jain	A hybrid document similarity measure based on integrating kullback leibler distance & L1 norm for retrieving information from ohsumed data set	2018	Journal of Advanced Research in Dynamical and Control Systems
155.	Dr. Sarika Jain	Analysis of alarms to prevent the organizations network in real-time using process mining approach	2018	Cluster Computing
156.	Dr. Sarika Jain	Application of learning analytics using clustering data Mining for Students' disposition analysis	2018	Education and Information Technologies
157.	Dr. Deepak Kumar	Flexible software reliability growth models under imperfect debugging and error generation using learning function	2018	Journal of Management Information and Decision Science
158.	Dr. Deepak Kumar	Measuring architecture and design efficiency for enterprise applications	2018	International Journal of Industrial Systems Engineering

159.	Dr. Deepak Kumar	Modelling of cloud computing enablers using MICMAC analysis and TISM	2018	International Journal of Ambient Computing and Intelligence
160.	Dr. Deepak Kumar	Performance of CSE Techniques for Designing Multiplier-Less FIR Filter Using Evolutionary Algorithms	2018	Circuits, Systems, and Signal Processing
161.	Dr. Ajay Rana	A novel representative dataset generation approach for big data using hybrid Cuckoo search	2018	International Journal of Business Information Systems
162.	Dr. Nitin Pandey	Clique-based socially-aware intelligent message forwarding scheme for delay tolerant network	2018	International Journal of Communication Networks and Distributed Systems
163.	Prof. Sunil Kumar Khatri	Relative importance of CSF in ERP implementation strategy: A multi-participant AHP approach	2018	International Journal of Business Information Systems
164.	Prof. Sunil Kumar Khatri	Smart gesture control for home automation using internet of things	2018	Advances in Intelligent Systems and Computing

165.	Prof. Sunil Kumar Khatri	Evolutionary algorithm based faults optimization of multi-modular software	2018	Smart Innovation, Systems and Technologies
166.	Prof. Sunil Kumar Khatri	Analysing the genetic diversity of commonly occurring diseases	2018	Advances in Intelligent Systems and Computing
167.	Prof. Sunil Kumar Khatri	A proposed maturity model for Himachal Pradesh government e-Services	2018	Advances in Intelligent Systems and Computing
168.	Prof. Sunil Kumar Khatri	A link prediction in social networks: A fuzzy cognitive map approach	2018	Advances in Intelligent Systems and Computing
169.	Dr. Ajay Rana	Fine-grained access control and secured data sharing in cloud computing	2018	Advances in Intelligent Systems and Computing
170.	Dr. Ajay Rana	Load balancing in cloud—a systematic review	2018	Advances in Intelligent Systems and Computing

171.	Dr. Ajay Rana	Performance Evaluation and Statistical Analysis of AUR-Chord Algorithm with Default Working of Structured P2P Overlay Network	2018	Advances in Intelligent Systems and Computing
172.	Dr. Ajay Rana	Sequence generation of test case using pairwise approach methodology	2018	Advances in Intelligent Systems and Computing
173.	Dr. Sarika Jain	Is Open-Source Software Valuable for Software Defect Prediction of Proprietary Software and Vice Versa?	2018	Advances in Intelligent Systems and Computing
174.	Dr. Himanshu Gupta	Role of multiple encryptions in biometric devices	2018	Advances in Intelligent Systems and Computing
175.	Dr. Som Subhranil	Encryption technique using elliptic curve cryptography through compression and artificial intelligence	2018	Advances in Intelligent Systems and Computing
176.	Dr. Prem Kumar Singh	Three-way n-valued neutrosophic concept lattice at different granulation	2018	International Journal of Machine Learning and Cybernetics, Springer

177.	Dr.Prem Kumar Singh	Cloud data processing using granular based weighted concept lattice and Hamming distance	2018	Computing, Springer
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Year 2018

1. Sharma U., Khatri S.K. and Parnaik LM, “A Supervised Learning approach for Link Prediction in Complex Social Networks”, International Journal of Advanced Intelligence Paradigms (In Press)
2. Nagpal S., Khatri S.K. and Kumar A, “Ensuring Quality in ERP Implementation through Testing Components- An ISM Approach”, International Journal of Technology, Policy and Management, 2018 (In Press)
3. Kapur RK, Khatri S.K. and Patnaik LM, “Optimized Elliptic Curve Digital Signature on NIST Compliant Curves for Authentication of MANET nodes”, Electronic Security & Digital Forensics, Inderscience, 2018 (Accepted)
4. Malik S., Sharma D. and Khatri S.K., “Reconstructing Phylogenetic Tree using a Protien-Protien Interaction Technique”, IET Nanobiotechnology, Vol. 11, Issue 8, 2017, pp. 1005-1016
5. Nagpal S., Kumar A. and Khatri S.K., “Relative Importance of CSF in ERP Implementation Strategy: A Multi-Participant AHP Approach”, International Journal of Business Information Systems, InderScience, Vol. 27, No. 1, pp. 105-122, 2018
6. Choudhary C., Kapur P.K., Shrivastava A. and Khatri S.K., “Two-Dimensions Generalized Framework to Determine Optimal Release and Patching Time of a Software”, International Journal of Reliability, Quality and Safety Engineering, World Scientific, Vol. 24, No. 6, 2017 (USA)
7. Nagpal S., Kumar A. and Khatri S.K., “Modeling Interrelationships between CSF in ERP Implementations: Total ISM and MICMAC Approach” International Journal of System Assurance Engineering and Management, Springer (India), ISSN 0975-6809, Vol. 8, No. 4, pp. 782-798, 2017 Majumdar R, Kapur PK and Khatri SK, “Assessing Software Upgradation Attributes & Optimal Release Planning Using DEMATEL & MAUT”, International Journal of Industrial and Systems Engineering, Inderscience, 2017
8. Malik S., Khatri S.K. and Sharma D., “ClusPhylo: Spark based Fast and Reliable Approach for Reconstruction of Phylogenetic Network Using ”, Journal of Biology and Today’s World, Lexis Publisher, Vol. 17, Issue 6, 2017, pp. 102-109
9. Majumdar R, Srivastava A.K., Kapur P.K. and Khatri S.K., “Release and Testing Stop Time of a Software Using Multi Attribute Utility Theory”, SRESA Journal of Life Cycle Reliability and Safety Engineering, Vol. 1, Issue 1, 2017, pp. 1-13

10. Singh P.K., "Cloud data processing using granular based weighted concept lattice and Hamming distance", Computing, Springer, Impact Factor 1.6, ISSN: 0010-485X
11. Singh P.K., "Bipolar fuzzy concept learning using Next Neighbor and Euclidean distance", Soft Computing, Springer, Impact Factor 2.4, Year 2018
12. Singh P.K., "Complex neutrosophic concept lattice and its applications to Air quality analysis, Chaos, Solitons and Fractals", Elsevier, Impact Factor 1.6, Vol 109, Year 2018, pp. 206-213 , ISSN: 0960-0779
13. Singh P.K., "Similar vague concepts selection using their Euclidean distance at different granulation", Cognitive Computations, Springer, Impact Factor 3.4, Year 2018
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