DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF PUBLICATIONS IN INTERNATIONAL JOURNALS

YEAR: 2024-2025

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	**Sita Rani,** Aman Kataria, Sachin Kumar, Vinod Karar	A new generation cyber-physical system: A comprehensive review from security perspective	Computers & Security	148	104095	1872-6208	Jan	2025	SCIE	4.8	Elsevier
2	Jaspreet Singh Soni**, Jaswant Singh Taur**	The Impact of the Semantic Web on The Internet World	International Journal of Computer Science and Applications	1	1	0972-9038	Dec	2024	-	-	-
3	Sukhman Gill, Gundeep Singh, **Jaswant Singh Taur**	Revolutionizing Health Care: Leverging AI and NLP to Empower Patients with Smarter, Data-Driven Medical Insights	International Journal of Computer Applications	5	2	2341-7801	Dec	2024	-	-	-
4	**Goldendeep Kaur, Kiran Jyoti,** Samer Shorman, Anas Ratib Alsoud, Rohit Salgotra	An Efficient Approach for Localizing Sensor Nodes in 2D Wireless Sensor Networks Using Whale Optimization-Based Naked Mole Rat Algorithm	MDPI Mathematics	12	15	2227-7390	July	2024	SCIE	2.3	MDPI

YEAR: 2023-2024

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	Sujay N. Hedge, D.B. Srinivas, M.A. Rajan, **Sita Rani**, Aman Kataria, Hong Min	Multi-objective and multi constrained task scheduling framework for computational grids	Scientific Reports	14	-	2045-2322	March	2024	SCIE	3.8	Nature

2	Harmeet Singh, **Sita Rani**	Flex Sensor Integrated Smart Strap to Verify Correct Wearing of the Face Mask	IEEE Sensors	24	2	1530-437X	Jan	2024	SCIE	4.325	IEEE
3	**Diana Nagpal,** Shikha Gupta	A Novel Transfer Learning based Multi-Feature Fusion Framework for Elderly Activity Recognition	International Journal of Intelligent Systems and Applications in Engineering	12	9	2147-6799	Dec	2023	Scopus	Nil	Elsevier
4	**Sita Rani ,** Sachin Kumar, Aman Kataria, Hong Min	SmartHealth: An Intelligent Framework to Secure IoMT Service Applications Using Machine Learning	ICT Express	-	-	2405-9595	Oct	2023	SCIE	5.3	Elsevier
5	**Sita Rani,** Amit Kumar Mishra, Aman Kataria, Saurav Malik, Hong Quin	Machine learning -based optimal crop selection system in smart agriculture	Scientific Reports	13	15997	2045-2322	Sept	2023	SCIE	4.9	Nature
6	**Sita Rani,** Aman Kataria, Sachin Kumar, Prayag Tiwari	Federated learning for secure IoMT-applications in smart healthcare systems: A comprehensive review	Knowledge Based Systems	274	110658	0950-7051	August	2023	SCIE	8.15	Elsevier
7	Ubeeka Jain, **Parminder Singh**	Impact of Feature Selection for Emotion Detection from Annotated Punjabi Text	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	11	9	2147-6799	August	2023	Scopus	Nil	Elsevier
8	**Kamaldeep Kaur, Parminder Singh**	Comparison of Various Feature Selection Algorithms in Speech Emotion Recognition	AIUB Journal of Science and Engineering (AJSE)	22	2	2520-4890	August	2023	Scopus	-	AIUB ORP

			YEAR: 2022-2023								
S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	**Diana Nagpal,** Shikha Gupta, Deepak Kumar, Zoltan Illes, Chaman Verma, Barnali Dey	GoldenAGER: A Personalized Feature Fusion Activity Recognition Model for Elderly	IEEE Access	11	-	2169-3536	June	2023	SCIE	3.476	IEEE

2	Harmehak Singh Khangura, Jasleen Kaur, Gurleen Kaur, **Parminder Singh**	Human Computer Interaction: Technologies and Challenges	Journal of Emerging Technologies and Innovative Research (JETIR)	10	5	2349-5162	May	2023	-	-	-
3	Prince Verma, **Kiran Jyoti**, Nirmaljeet Kaur, Varsha, Shruti	Synthesized Deep Learning Model in Chatbot Feature Learning	European Chemical Bulletin	12	Special Issue 4	2063-5346	May	2023	Scopus	-	-
4	**Priyanka Arora, Parminder Singh,** Akshay Girdhar, Rajesh Vijayvergiya	A State-Of-The-Art Review on Coronary Artery Border Segmentation Algorithms for Intravascular Ultrasound (IVUS) Images	Cardiovascular Engineering and Technology	14	2	1869-408X	April	2023	SCIE	2.305	Springer
5	**Priyanka Arora, Parminder Singh,** Akshay Girdhar, Rajesh Vijayvergiya	Calcification Detection in Intravascular Ultrasound (IVUS) Images Using Transfer Learning Based MultiSVM model	Ultrasonic Imaging	45	3	0161-7346	April	2023	SCIE	2	SAGE
6	**Priyanka Arora, Parminder Singh,** Akshay Girdhar, Rajesh Vijayvergiya, Prince Chaudhary	CADNet: an advanced architecture for automatic detection of coronary artery calcification and shadow border in intravascular ultrasound (IVUS) images	Physical and Engineering Sciences in Medicine	46	-	2662-4729	April	2023	SCIE	7.099	Springer
7	Prince Verma, **Kiran Jyoti,** Varsha Sahni, S.Jafar Ali Ibrahim, N.S. Kalyan Chakravarthy	Synthesized feature learning model on news aggregator for chatbot	Soft Computing	-	-	1432-7643	April	2023	SCIE	4.1	Springer
8	Navdeep Kaur, **Parminder Singh**	Modeling of Speech Parameters of Punjabi by Pre-Trained Deep Neural Network using Stacked Denoising Autoencoders	ACM Transactions on Asian and Low-Resource Language Information Processing	22	3	2375-4699	March	2023	SCIE	1.413	ACM
9	**Kamaldeep Kaur, Parminder Singh**	Trends in speech emotion recognition: a comprehensive survey	Multimedia Tools and Applications	82	-	1380-7501	Feb	2023	SCIE	2.577	Springer
10	Vikram Bali, Shivani Bali, Dev Gaur, **Sita Rani,** Raman Kumar	Commercial-Off-The Shelf Vendor Selection: A Multi-Criteria Decision-Making Approach Using Intuitionistic Fuzzy Sets and Topsis	Journal Of Operational Research in Engineering Science:Theory and Applications	2023	-	2620-1747	Feb	2023	Scopus	-	-

11	**Priyanka Arora, Parminder Singh,** Akshay Girdhar, Rajesh Vijayvergiya	Performance analysis of various denoising filters on Intravascular Ultrasound (IVUS) coronary artery images	International Journal of Imaging Systems and Technology	33	3	0899-9457	Dec	2022	SCIE	2.17	Wiley
12	**Goldendeep Kaur, Kiran Jyoti,** Nitin Mittal , Vikas Mittal and Rohit Salgotra	Optimized Approach for Localization of Sensor Nodes in 2D Wireless Sensor Networks Using Modified Learning Enthusiasm-Based Teaching–Learning-Based Optimization Algorithm	Algorithms	16	1	1999-4893	Dec	2022	ESCI	2.3	MDPI
13	D. Sivabalaselvamania, P. Kulanthaivel, J. Yogapriya and **Inderjit Singh Dhanoa**	Study on engineering strength properties of ceramic waste powder stabilized expansive soil using machine learning algorithms	Journal of Ceramic Processing Research	23	6	1229-9162	Dec	2022	Scopus	-	-
14	Pankaj Bhambri, Manpreet Singh, **Inderjit Singh Dhanoa,** Mrityunjay Kumar	Deployment of ROBOT for HVAC duct and Disaster Management	Oriental Journal of Computer Science and Technology	15	1	0974-6471	Nov	2022	-	-	-
15	**Amandeep Kaur Sohal**	An Improved Weight-based Coverage Enhancing Protocol (WCEP) for Application Specific Wireless Sensor Networks	Ad Hoc & Sensor Wireless Networks	53	3--4	1551-9899	Nov	2022	SCIE	0.4	Old City Publishing
16	Navdeep Kaur, **Parminder Singh**	Conventional and contemporary approaches used in text to speech synthesis: a review	Artificial Intelligence Review	56	-	2692821	Nov	2022	SCIE	9.58	Springer
17	Hayfa Y. Abuaddous, **Goldendeep Kaur**, **Kiran Jyoti**, Nitin Mittal, Shubham Mahajan, Amit Kant Pandit, Anas Ratib Alsoud, Laith Abualigah	Repulsion-based grey wolf optimizer with improved exploration and exploitation capabilities to localize sensor nodes in 3D wireless sensor network	Soft Computing	27	-	1432-7643	Nov	2022	SCIE	3.643	Springer
18	Pradeep Kumar, Kakoli Banerjee, Niraj Singhal, Ajay Kumar, **Sita Rani**, Raman Kumar, Cioca Adriana Lavinia	Verifiable, Secure Mobile Agent Migration in Healthcare Systems Using a Polynomial-Based Threshold Secret Sharing Scheme with a Blowfish Algorithm	MDPI-Sensors	22	8620	1424-8220	Nov	2022	SCIE	3.847	MDPI

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
19	**Manpreet Kaur**, Shikha Gupta, Deepak Kumar, Chaman Verma , Bogdan-Constantin Neagu, Maria Simona Raboaca	Delegated Proof of Accessibility (DPoAC): A Novel Consensus Protocol for Blockchain Systems	MDPI Mathematics	10	13	2227-7390	July	2022	SCIE	2.592	MDPI

YEAR: 2021-2022											
S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	**Kapil Sharma**, Satish Saini, **Shailja, Hardeep Singh Kang**, Mohamed Bouye, Daniel Krah	Big Data Analytics Model For Distributed Document Using Hybrid Optimization With K-means Clustering	Wireless Communications and Mobile Computing	2022	-	1530-8677	June	2022	ESCI	2.336	Hindawi
2	**Kamaldeep Kaur, Parminder Singh**	Impact of Feature Extraction and Feature Selection Algorithms on Punjabi Speech Emotion Recognition Using Convolutional Neural Network	ACM Transactions on Asian and Low-Resource Language Information Processing	21	5	2375-4699	April	2022	SCIE	1.413	ACM
3	Navdeep Kaur, **Parminder Singh**	Speech waveform reconstruction from speech parameters for an effective text to speech synthesis system using minimum phase harmonic sinusoidal model for Punjabi	Multimedia Tools and Applications	81	-	1380-7501	March	2022	SCIE	2.577	Springer
4	K. Murali Krishna, **Amit Jain, Hardeep Singh Kang**, Mithra Venkatesan, Anurag Shrivastava and Sitesh Kumar Singh	Development of the Broadband Multilayer Absorption Materials with Genetic Algorithm up to 8 GHz Frequency	Security and Communication Networks	-	-	1939-0114	Jan	2022	SCIE	1.968	Hindawi
5	**Manpreet Kaur**, Mohammad Zubair Khan, Shikha Gupta, Abdullah Alsaeedi	Adoption of Blockchain With 5G Networks for Industrial IoT: Recent Advances, Challenges, and Potential Solutions	IEEE Access	10	-	2169-3536	Dec	2021	SCIE	3.476	IEEE

6	**Kamaldeep Kaur, Parminder Singh**	Punjabi Emotional Speech Database: Design, Recording and Verification	International Journal of Intelligent Systems and Applications in Engineering	9	4	2147-6799	Dec	2021	Scopus	Nil	Elsevier
7	Navdeep Kaur Deol, **Vivek Thapar, Jaswant Singh**	Movies Reviews Sentiment Analysis using Improved Random Forest Algorithm and ACO (Ant Colony Optimization) Approach	International Journal of Computer Sciences and Engineering	9	9	2347-2693	Sep	2021	-	-	-
8	Kanika, **Vivek Thapar, Gurjit Kaur**	Analysis of Various Image Blind Detection Techniques: Review	International Journal of Engineering Research in Computer Science & Engineering	8	7	2394-2320	July	2021	-	-	-
9	Baldeep Kaur, **Sumeet Kaur Sehra, Daljeet Singh**	An Ensemble Classification Model For Software Defect Prediction	International Journal of Engineering Research in Computer Science & Engineering	8	7	2394-2320	July	2021	-	-	-
10	Kanika, **Vivek Thapar, Gurjit Kaur**	Image Blind Detection Using GLCM, ABC and Voting Classification Method	International Journal of Engineering Research in Computer Science & Engineering	8	7	2394-2320	July	2021	-	-	-
11	**Isha, Jasbir Singh Saini, Kamaldeep Kaur**	A Machine Learning Approach for Network Traffic Classification	International Journal of Engineering Research in Computer Science & Engineering	8	7	2394-2320	July	2021	-	-	-

YEAR: 2020-2021

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	Pankaj Bhambri, Manpreet Singh, **Amit Jain, Inderjit Singh Dhanoa**, Vijay Kumar Sinha, Shyam Lal	Classification of Gene Expression Data with the Aid of Optimized Feature Selection	Turkish Journal of Physiotherapy and Rehabilitation	32	3	2651-4451	June	2021	SCIE	0.1	Turkish Physiotherapy Association
2	**Manpreet Kaur**, Mohammad Zubair Khan,Shikha Gupta,Abdulfattah Noorwali, Chinmay Chakraborty and Subhendu Kumar Pani	MBCP: Performance Analysis of Large Scale Mainstream Blockchain Consensus Protocols	IEEE Access	9	-	2169-3536	May	2021	SCIE	3.476	IEEE
3	Manpreet Singh, Pankaj Bhambri, **Inderjit Singh, Amit Jain** and Kirandeep Kaur	Data Mining Classifier for Predicting Diabetics	Annals of the Romanian Society for Cell Biology	25	4	1583-6258	April	2021	Scopus	-	Association of cell biology
4	Purnima Bakshi, Pankaj Bhambri, **Vivek Thapar**	A review paper on wireless sensor network techniques in Internet of Things (IoT)	Wesleyan Journal of Research			0975-1386	March	2021	UGC		
5	Mir Junaid Rasool, **Amanpreet Singh Brar, Hardeep Singh Kang**	Spark based Health Prediction on Real Time Streaming Data using Machine Learning	International JournaL of Research in Applied Science & Engineering Technology(IJRASET)	8	11	2321-9653	Nov	2020	-	-	-
6	Mir Junaid Rasool, **Amanpreet Singh Brar, Hardeep Singh Kang**	Risk Prediction of Breast Cancer from Real Time Streaming Health Data using Machine Learning	International Research Journal of Modernization in Engineering Technology and Science	2	11	2582-5208	Nov	2020	-	-	-
7	Shreya Sood, **Manpreet Kaur Mand, Manjot Kaur Gill**	Deep learning based sentiment analysis technique on qualitative student's feedback dataset	International Journal Of Research In Electronics And Computer Engineering (IJRECE)	8	4	52-57	Oct	2020	-	-	-

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
8	Palak Sood, Himani Sharma, **Sumeet Kaur Sehra**	A Survey of Different Methods in Border Security and Surveillance	International Journal of Computer Sciences and Engineering	7	10	2347-2693	Oct	2020	-	-	-
9	**Inderjit Singh**, Pankaj Bhambri	Traffic-aware energy efficient VM migrations	Journal of Critical Reviews	7	9	2394-5125	July	2020	-	-	-
10	Manpreet Kaur, **Shailja Sharma, Palak Rehan**	An Optimized Approach for Prediction of Heart Diseases using Gradient Boosting Classifier	International Journal of Application or Innovation in Engineering & Management	9	7	2319-4847	July	2020	-	-	-

YEAR: 2019-2020											
S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	Parminder Singh, Avinash Kaur, Pooja Gupta, Sukhpal Singh Gill, **Kiran Jyoti**	RHAS: robust hybrid auto-scaling for web applications in cloud	Cluster Computing	-	-	-	June	2020	SCIE	3.54	Springer
2	**Amit Jain,** Manpreet Singh	A Novel Scheme for Denoising of RGB Images Using Genetic Algorithm	Journal of Critical Reviews	7	17	2394-5125	June	2020	-	-	-
3	**Amit Jain,** Manpreet Singh	Hybrid and Blind Watermarking Approach for the Security of Digital Images in Ridgelet Domain	Journal of Critical Reviews	7	17	2394-5125	June	2020	-	-	-
4	Kulvinder Kaur, **Inderjit Singh Dhanoa,** Pankaj Bhambri, **Gurjiwan Singh**	Energy saving VM migration techniques	Journal of Critical Reviews	7	9	2394-5125	June	2020	-	-	-

#	Authors	Title	Journal	Volume	Issue	ISSN/ISBN	Month	Year	Indexing	IF	Publisher
5	Sukhjit Singh Sehra, Tamer Abdou, Ayse Beser, **Sumeet Kaur Sehra**	Amalgamated Models for Detecting Duplicate bug reports	Advances in Artificial Intelligence. Canadian AI 2020. Lecture Notes in Computer Science (SCI and Scopus)	12109	Nil	978-3-030-47357-0	May	2020	SCIE	0.969	Springer
6	Himanshi Bansal, **Kapil Sharma**	A REVIEW STUDY ON VARIOUS ALGORITHMS OF MACHINE LEARNING	Journal of Emerging Technologies and Innovative Research (JETIR)	7	4	2349-5162	April	2020	-	-	-
7	Manpreet Kaur, **Shailja Sharma**	A Review Study on Data Mining Algorithms for Prediction Diseases	International Journal for Research in Engineering Application & Management (IJREAM)	6	1	2454-9150	April	2020	-	-	-
8	Manpreet Kaur, **Shailja Sharma**	Performance Analysis of Data Mining Algorithms for Prediction of Heart Diseases	Journal of Emerging Technologies and Innovative Research	7	4	2349-5162	April	2020	-	-	-
9	Manpreet Kaur, **Daljeet Singh**	Optimizing: The code smell using multilabel classification approach	International Journal for Research in Engineering Application & Management (IJREAM)	5	11	2454-9150	Feb	2020	-	-	-
10	Rohan Sharma, Pankaj Bhambri, **Amandeep Kaur Sohal**	Mobile Adhoc Networks	JAC:A Journal Of Composition Theory (UGC and Scopus)	13	2	0731-6755	Feb	2020	UGC and Scopus	-	-
11	Raminder Kaur, **Gurjit Kaur, Jasmine Kaur**	The Particle Swam Optimization Algorithm for Density Based Clustering	The International journal of analytical and experimental modal analysis	12	2	0886-9367	Feb	2020	-	-	-
12	**Kapil Sharma, Palak Rehan**	A Hybrid Data Clustering Technique in Big Data using Machine Learning	International Journal of Computer Sciences and Engineering	8	1	2347-2693	Jan	2020	-	-	-

13	Apansula Sharma, **Diana Nagpal, Supreet Kaur**	Comparative Study of machine learning techniques used in autism spectrum disorder	International Journal for Research in Engineering Application & Management (IJREAM)	5	10	2454-9150	Jan	2020	-	-	-
14	**Kapil Sharma**, Satish Saini	An Extended Hybrid Clustering Method Utilzing Svm As Cross Validator	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	9	2	2278-3075	Dec	2019	Scopus	-	-
15	**Amandeep Kaur Sohal**, Ajay K. Sharma and Neetu	An Energy Efficient Routing Approach to Enhance Coverage for Application Specific Wireless Sensor Networks using Genetic Algorithm	Recent Advances in Computer Science and Communications (Formerly: Recent Patents on Computer Science) **(Scopus)**	14	4	2666-2566	Dec	2019	-	-	-
16	Jasmine Kaur, Pankaj Bhambri, **Kapil Sharma**	Wheat Production Analysis based on Naive Bayes Classifier	The International journal of analytical and experimental modal analysis	11	9	0886-9367	Sept	2019	-	-	-
17	Prince Verma, **Kiran Jyoti**	Chatbots Employing Deep Learning for Big Data	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	11	2278-3075	Sept	2019	Scopus	-	-
18	Manpreet Singh, **Gurjit Kaur,** Shivneet Kaur	AODV based approach for wireless body area network classification	Journal of emerging technologies and innovative research	6	6	2349-5162	August	2019	-	-	-
19	PARMINDER SINGH, POOJA GUPTA, AND **KIRAN JYOTI**	TRIANGULATION RESOURCE PROVISIONING FOR WEB APPLICATIONS IN CLOUD COMPUTING: A PROFIT-AWARE APPROACH	Scalable Computing: Practice and Experience	20	2	1895-1767	August	2019	SCIE	1.61	SCPE

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
20	Harsimarjeet Kaur, **Parminder Singh**	Text to Speech Synthesis System for Punjabi language using Statistical Parametric Speech Synthesis Technique	International Journal of Innovative Technology and Exploring Engineering	8	9S	2278-3075	July	2019	Scopus	-	-
21	Bhisham Bhanot, **Amit Jain**	Load Balancing Applying Resources based on Runtime Conditions in Cloud Computing	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	9S	2278-3075	July	2019	Scopus	-	-

			YEAR: 2018-2019								
S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	**Meetali, Amandeep Kaur Sohal, Mandeep Kaur**	Machine learning approach for sentiment analysis of twitter data	Journal of emerging technologies and innovative research	6	6	2349-5162	June	2019	-	-	-
2	Shabnam Sharma, Sahil Verma, **Kiran Jyoti.**	A Novel Variant of Bat Algorithm Inspired from 'Range Determination' Feature of 'Bats'	Recent Patents on Computer Science	-	3	-	June	2019	Scopus	-	-
3	Deepak Prashar, **Kiran Jyoti**	Distance Error Correction Based Hop Localization Algorithm for Wireless Sensor Network	Wireless Personal Communications	106	4	-	June	2019	SCIE	929	Springer
4	Parminder Singh, Pooja Gupta, **Kiran Jyoti,** Anand Nayyar	Research on Auto-Scaling of Web Applications in Cloud: Survey, Trends and Future Directions	Scalable Computing: Practice and Experience	2	2	1895-1767	May	2019	SCIE	1.61	SCPE
5	Navpreet Kaur, **Kapil Sharma**	An Intrusion Detection System for MANET based on Cuckoo Search Algorithm and Decision Tree	Internation Journal of Computer Sciences and Engineering	7	5	2347-2693	May	2019	-	-	-

6	Chandanpreet Kaur, **Kapil Sharma, Amandeep Kaur Sohal**	Disease Prediction System using Improved K-means Clustering Algorithm and Machine Learning	Internation Journal of Computer Sciences and Engineering	7	5	2347-2693	May	2019	-	-	-
7	Shifa Grover, **Shailja**	ECG Signal Classification using Support Vector Machine and Linear Discriminant Analysis	Internation Journal of Computer Sciences and Engineering	7	5	2347-2693	May	2019	-	-	-
8	Gitanjali, **Shailja**	An Artificial Neural Network Based Sentiment Analysis System Using Optimization Technique	Internation Journal of Computer Sciences and Engineering	7	5	2347-2693	May	2019	-	-	-
9	Shabnam Sharma, Sahil Verma, **Dr. Kiran Jyoti**	A New Bat Algorithm with Distance Computation Capability and Its Applicability in Routing for WSN	Advances in Intelligent Systems and Computing	898	-	-	Feb	2019	Scopus	-	-
10	**Sumeet Kaur Sehra**, Yadwinder Singh Brar, Navdeep Kaur, Sukhjit Singh Sehra	Software effort estimation using FAHP and weighted kernel LSSVM machine	Soft Computing	-	-	1433-7479	Dec	2018	SCIE	3.643	Springer
11	Parminder Singh, Pooja Gupta, **Kiran Jyoti**	TASM: technocrat ARIMA and SVR model for workload prediction of web applications in cloud	Cluster Computing	-	-	-	Nov	2018	SCIE	1.6	Springer
12	Deepak Prashar, **Dr. Kiran Jyoti,** Dr. Dilip (SLIET, Longowal)	Design and analysis of distance error correction–based localization algorithm for wireless sensor networks	Trans Emerging Tel Tech.	-	-	-	Nov	2018	SCIE	1.61	Wiley
13	**Hardeep singh kang,** KS Mann, Mohanjit Kaur	A Combinational Strategy for Clustering of Astronomical Datasets	International Journal for Research in Engineering Application & Management (IJREAM)	4	6	2454-9150	Sept	2018	-	-	-
14	Pragati Dikshit, **Rajveer Kaur, Goldendeep Kaur**	An Improved DEEHC to extend the lifetime of WSN	International Journal of Trend in Scientific Research and Development	2	5	2456-6470	Aug	2018	UGC	-	-

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
15	Shabnam Sharma, Dr. Sahil Verma, **Dr. Kiran Jyoti,** Dr. Kavita	Hybrid Bat Algorithm for Balancing Load in Cloud Computing	International Journal of Engineering & Technology	7	-	-	Aug	2018	Scopus	-	-
16	**Daljeet Singh,** Harmaninderjit Singh Sidhu	Optimizing the Software Metrics for UML Structural and Behavioural Diagrams Using Metrics Tool	Asian Journal of computer science and technology	7	2	2249-0701	July	2018	UGC	-	-

YEAR: 2017-2018											
S.No.	**Author (s)**	**Title**	**Journal Name**	**Vol.**	**Issue**	**ISSN**	**Month**	**Year**	**Indexing**	**Impact factor**	**Publisher**
1	**Daljeet Singh,** Harmaninderjit Singh Sidhu	A scrutiny study of various unified modelling language (UML) Diagrams, Software Metrics Tool and Program Slicing Technique	Journal of Emerging Technologies and Innovative Research (UGC Approved)	5	6	2349-5162	June	2018	UGC	-	-
2	Jaswant Singh, **Vivek Thapar**	Development of Real Time System for File Compression on Amazon EC2	International Journal of Computer Sciences and Engineering	6	6	2347-2693	June	2018	-	-	-
3	**Daljeet Singh,** Harmaninderjit Singh Sidhu	Visualization of Software Metrics for UML Structural and Behavioral Diagrams using Metrics Tool	International Journal of Modern Electronics and Communication Engineering (IJMECE)	6	3	2321-2152	May	2018	-	-	-
4	**Daljeet Singh,** Harmaninderjit Singh Sidhu	Optimal Pursuit of UML Metrics For Structural and Behavioral Diagrams of UML using Metrics Tool and Program slicing Techniques	International Journal of Innovations and Advancements in Computer Science	7	5	2347-8616	May	2018	-	-	-

5	**Hardeep Singh Kang,** K.S.Mann	To integrate heterogeneous devices to integrate Astroinformatics data	International Journal for Research in Engineering Application and Management	4	1	2454-9150	April	2018	-	-	-
6	**Daljeet Singh,** Harmaninderjit Singh Sidhu	Optimal Approach to Compute Metrics for Structural and Behavioural Diagrams of UML using Program Slicing Techniques	International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRSCE)	4	3	2454-4248	March	2018	-	-	-
7	Sumit Malhotra,**Kiran Jyoti,** Inderjeet Singh	A Native Decision Support System for Textile Industry using Hybrid Meta-Heuristic Optimization Technique	International Journal of Research in Electronics and Computer Enginering	6	1	2348-2281	March	2018	UGC	-	-
8	Shairy (M.Tech), **Dr. Kiran Jyoti (GNDEC)**	A Native mutation tracking system of cable industry digitization using data analytics	International Journal of Research in Electronics and Computer Enginering	6	1	2348-2281	March	2018	UGC	-	-
9	Shivangi Sharma, Puneet Mittal, **Geetika**	An Approach to Detect Credit Card Frauds using Attribute Selection and Ensemble Techniques	International Journal of Computer Applications	180	21	0975 – 8887	Feb	2018	-	-	-
10	Deepak Prashar, **Dr. Kiran Jyoti,** Dr. Dilip Kumar	Connectivity Based Secure Cooperative Localization Scheme for Wireless Sensor Network	International Journal of Engineering and Techniques	3	6	2395-1303	Dec	2017	UGC	-	-
11	**Amandeep Kaur Sohal,** Ajay K. Sharma, Neetu Sood	Enhancing Coverage Using Weight Based Clustering in Wireless Sensor Networks	Wireless Personal Communications (SCI indexed)	80	3	0929-6212	Nov	2017	SCIE	1.8	Springer
12	**Daljeet Singh,** Parvinder Kaur	An Approach for Representation of Class Modeling in Object Oriented Analysis and Design with UML	International Journal of Modern Electronics and Communication Engineering (IJMECE)	5	3	2321-2152	Nov	2017	-	-	-

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
13	**Amandeep Kaur,** Vishal Gupta	A Novel Approach for Sentiment Analysis of Punjabi Text using SVM	The International Arab Journal of Information Technology	14	5	2309-4524	Sept	2017	Scopus	-	IAJIT
14	Kamaldeep Singh, **Daljeet Singh**	Case Study: Visualization of Interaction Modeling in Object Oriented Unified Modeling Language (UML)	International Journal of Research in Electronics and Computer Engineering (IJRECE)	5	3	2348-2281	Sept	2017	-	-	-
15	Gagandeep Kaur, **Kamaldeep Kaur**	Seniment Analysis on Punjabi News Articles using SVM	International Journal of Science & Research	6	8	2319-7064	August	2017	-	-	-

				YEAR: 2016-2017							
S.No.	**Author (s)**	**Title**	**Journal Name**	**Vol.**	**Issue**	**ISSN**	**Month**	**Year**	**Indexing**	**Impact factor**	**Publisher**
1	**Hardeep Singh Kang,** K.S.Mann	A proposed AstroEngine architecture to provide high level scalability for Data intensive services	Journal of Analysis and Computation	13	1	0973-2861	June	2017	-	-	-
2	**Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur, **Sukhjit Singh**	Research Patterns and Trends in Software Effort Estimation	Information and Software Technology	91	-	0950-5849	June	2017	SCIE	3.9	Science Direct
3	**Daljeet Singh,** Amit Kamra	Requirements for Software Development, Case Study: Software Metrics for Various UML Structural and behavioural Diagrams	International Journal of Innovations & Advancement in Computer Science	6	5	2347 – 8616	May	2017	-	-	-

4	**Daljeet Singh,** Amit Kamra	Measuring Software Design Metrics of UML Structural and Behavioural Diagrams	International Journal of Computer & Mathematical Sciencs	6	5	2347-8527	May	2017	-	-	-
5	Kriti Bhatia, **Sukhjit Singh Sehra, Geetika,** Sherry Chalotra	AN APPROACH TO DETECT OUTLIERS IN OPENSTREET MAP DATA	IJARSE - Journal of Advances Research in Science and Engineering	6	5	2319-8354	May	2017	-	-	-
6	Jasleen Kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	A Systematic Literature Review of Sentiment Analysis Techniques	International Journal of Computer Sciences and Engineering	5	4	E-ISSN: 2347-2693	April	2017	-	-	-
7	**Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur	Evolutionary Computing Techniques for Software Effort Estimation	International Journal of Computer Science & Information Technology	9	2	0975–9646	April	2017	-	-	-
8	Komaldeep Kaur**, Parminder Singh**	Generation of Expressive Speech for Punjabi	International Journal of Innovations & Advancement in Computer Science	6	4	2347-8616	April	2017	-	-	-
9	Sarpreet Kaur, **Parminder Singh**	Discontinuity Removal in Concatenative Synthesized Speech	International Journal of Engineering Technology Science and Research	4	4	2394-3386	April	2017	-	-	-
10	**Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur, Gagandeep Kaur	Optimization of COCOMO Parameters using TLBO Algorithm	International Journal of Computational Intelligence Research	13	4	0974-1259	April	2017	-	-	-
11	**Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur	Applying Fuzzy-AHP for software effort estimation in data scarcity	International Journal of Engineering Trends and Technology (IJETT)	45	1	2231-5381	March	2017	-	-	-

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
12	Kirandeep Kaur, **Sukhjit Singh Sehra, Priyanka Arora**	A Review on Spatial Data and Spatial Hadoop	International Journal of Latest Trends in Engineering and Technology	8	1	2319-3778	Jan	2017	-	-	-
13	**Goldendeep Kaur,** Jaideep Singh	An effectual approach to mitigate ARP poisoning based man-in.the-middle attacks	Far East journal of electronics and communication	-	4	0973-7006	Nov	2016	Scopus	-	-
14	**Gagandeep Kaur Grewal,** Karamjeet Kaur	Heart Disease Prediction System using Binary Particle Swarm Optimization Algorithm	International Journal of Engineering Research & Technology	5	8	2278-0181	Aug	2016	-	-	-
15	Jasleen Kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Sentiment Analysis of Twitter data using Hybrid Method of Support Vector Machine and Ant Colony Optimization	International Journal of Computer Science and Information Security	14	7	1947-5500	July	2016	Scopus	-	-
16	**Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur	Predominant Factors Influencing Software Effort Estimation	International Journal of Computer Science and Information Security	14	7	1947-5500	July	2016	Scopus	-	-

YEAR: 2015-2016											
S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	**Blossom Manchanda,** Vijay Anant Athavale, Sanjeev Kumar Sharma	Various Techniques Used For Grammar Checking	International Journal of Computer Applications & Information Technology	9	Special issue	2278-7720	June	2016	-	-	-
2	**Blossom Manchanda,** Vijay Anant Athavale	Various Statistical Techniques Used in NLP	International Journal of Computer Applications & Information Technology	9	Special issue	2278-7720	June	2016	-	-	-

3	Harjinder Kaur, **Kamaldeep Kaur**	A Survey of Anaphora Resolution Approaches for Different Indian Languages	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	3	6	2394-2320	June	2016	-	-	-
4	HarsimranPal Kaur, **Kamaldeep Kaur**	A Review of Document Classification Techniques	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	3	6	2394-2320	June	2016	-	-	-
5	Jasleen Kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Impact Analysis of Features on Classification for Sentiment Analysis of Tweets	International Journal of Engineering Research in Computer Science and Engineering	3	6	2394-2320	June	2016	-	-	-
6	Ramandeep Sharma, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Analysis of Machine Learning Approaches for Opinion Mining of Movie Reviews	International Journal of Engineering Research in Computer Science and Engineering	3	6	2394-2320	June	2016	-	-	-
7	Navneet Kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Review of Open Street Map Data Quality and its Assessment Tools	International Journal of Engineering Research in Computer Science and Engineering	3	6	2394-2320	June	2016	-	-	-
8	Ramanpreet Kaur, **Sukhjit Singh Sehra**, Jaiteg Singh, Hardeep Singh Rai	Design and Development of Framework for Identifying Errors in Crowdsourced Map Data	International Journal of Computer Applications	143	7	2250-1797	June	2016	-	-	-

#	Authors	Title	Journal	Vol	Issue	ISSN	Month	Year			
9	Pawan Verma, **Sukhjit Singh Sehra, Kapil Sharma**	Review of Contributor's Categories and their Motivations for Open Street Map	International Journal of Engineering Research in Computer Science and Engineering	3	6	2394-2320	June	2016	-	-	-
10	Vandana Toor, **Kapil Sharma**	Study of various route tracking techniques and openstreetmap data	International Journal of Engineering Research in Computer Science and Engineering	3	6	2394-2320	June	2016	-	-	-
11	**Sukhjit Singh Sehra,** Jaiteg Singh, Hardeep Singh Rai	Analysing OpenStreetMap data for topological errors	Int. J. Spatial, Temporal and Multimedia Information Systems	1	1	2052-3556	May	2016	-	-	-
12	**Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur	Applications of Multi-criteria Decision Making in Software Engineering	International Journal of Advanced Computer Science and Applications	7	7	2156-5570	May	2016	SCIE	-	-
13	Jaideep Singh, Simarpreet Kaur, Gurminder Kaur, **Goldendeep Kaur**	A Detailed Survey and Classification of Commonly Recurring Cyber Attacks	International Journal of Computer Applications	141	10	0975-8887	May	2016	-	-	-
14	**Geetika,** Himanshu Aggarwal, Gurdeep Singh	A Hybrid Artificial Bee Colony & Support Vector Machine Classifier for Spam Mail Detection	International Journal of Control Theory and Applications	10	40	0974-5572	-	2016	-	-	-
15	**Gagandeep Kaur Grewal,** Kiran Jyoti	KAP of farmers for using information and communication technology in agriculture in punjab,india.	International Journal of Computer Science Engineering & Information Technology Research	5	6	2249 7943	Dec	2015	-	-	-
16	Guljar Singh, **Jasbir Singh Saini, Gurdeep Singh**	Detection and Prevention of DOS on Mobile adhoc Networks	International Journal of Advanced Research in Computer Science & Technology	3	4	2347-9817	Dec	2015	-	-	-

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
17	**Jasmeen Gill**, Shaminder Singh, Devdutt Baresary	Big Data: Big Innovations in Healthcare	Imperial Journal of Interdisciplinary Research	1	6	2454-1362	Dec	2015	-	-	-
18	Rajvir Kaur, **Poonamdeep Kaur**, Lovepreet Kaur	Prediction of Human Talent using Enhanced Naive Bayes Algorithm	International Journal of Advanced Research in Computer and Communication Engineering	4	10	2278-1021	Oct	2015	-	-	-
19	Karandeep Kaur, **Poonamdeep Kaur**, Lovepreet Kaur	Prediction of Heart Disease Using Enhanced Association Rule Based Algorithm	International Journal of Computer Techniques	2	5	2394-2231	Oct	2015	-	-	-
20	Harneet Kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Deployment and analysis of Fingerprint Data using cloud services	International Journal of Applied Engineering Research	10	18	0973-9769	Sept	2015	Scopus	-	-
21	Sherry Chalotra, **Sumeet Kaur Sehra, Sukhjit Singh Sehra**	An Analytical Review of Nature Inspired Optimization Algorithms	International Journal of Science Technology & Engineering	2	3	2349-784X	Sept	2015	-	-	-
22	Navneet Kaur Dang, **Hardeep Singh Kang**, Kulwinder Singh Mann	An optimal control for E-health monitoring system	International Journal of Electrical, Electronics and Computer Systems	3	10	2347-2820	Aug	2015	-	-	-

YEAR: 2014-2015											
S.No.	**Author (s)**	**Title**	**Journal Name**	**Vol.**	**Issue**	**ISSN**	**Month**	**Year**	**Indexing**	**Impact factor**	**Publisher**
1	Arvinder Singh, **Parminder Singh**	A Rule Based Punjabi Dialect Conversion System	International Journal for Research in Applied Science and Engineering Technology	3	6	2321-9653	June	2015	-	-	-

2	Hardeep Singh, **Parminder Singh**	Android Based Punjabi TTS System	International Journal of Computer Science Trends and Technology	3	3	2347-8578	June	2015	-	-	-
3	Dilpreet Singh, **Parminder Singh**	A Novel Approach for Waveform Compression	International Journal for Research in Applied Science and Engineering Technology	3	6	2321-9653	June	2015	-	-	-
4	Taranpreet Kaur, **Sumeet Kaur Sehra**	Designing and Development of Database Testing Tool	International Journal of Computer Applications	120	19	2250-1797	June	2015	-	-	-
5	Kamaljit Kaur, **Sumeet Kaur Sehra**	URL relevancy calculation using Decision Tree Induction	International Journal for Science and Emerging Technologies with latest trends	19	1	2250-3641	June	2015	-	-	-
6	Amritpal Kaur, **Poonamdeep Kaur, Jappreet Kaur**	Iris Recognition based on Region Growing using Wavelet Transformation	International Journal of Advanced Research in Computer Science and Software Engineering	5	6	2277-6451	June	2015	-	-	-
7	Saravjit Kaur, **Poonamdeep Kaur, Jappreet Kaur**	A Digital Image Watermarking Technique Based on 5-Level DWT	International Journal of Advanced Research in Computer Science and Software Engineering	5	6	2287 128X	June	2015	-	-	-
8	Nirpjeet Kaur, **Sumeet Kaur Sehra, Diana Nagpal**	A Novel Technique to Detect Semantic Clones	International Journal of Computer Trends and Technology	23	2	2231-2803	May	2015	-	-	-

9	Amit Kumar, **Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur	Development of the Effort Estimation Model Using Fuzzy Decision Tree	International Journal of computer & organization trends	19	2	2249-2593	May	2015	-	-	-
10	Rajeev Shama, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Review of Different Queuing Disciplines in VOIP, Video Conferencing and File Transfer,	International Journal of Advanced Research in Computer and Communication Engineering	4	4	2278-1021	March	2015	-	-	-
11	**Gagandeep Kaur Grewal,** A.S.Gill, Kiran Jyoti	Comprehensive Role of Computer Applications in Agriculture: Review Paper	International Journal of Advanced Research in Computer Science and Software Engineering	5	3	2277-128X	March	2015	-	-	-
12	**Daljeet Singh,** Palak Mahajan, Vivek Kumar	Effective System analysis and design by using the Unified Modeling Language (U M L)	Inernational Journal of Research in Electronics and Computer Engineering	2	4	2348-2281	Jan	2015	-	-	-
13	**Daljeet Singh,** Palak Mahajan, Vivek Kumar	Various Approaches of Object Oriented Methodologies and Development by using the Unified Modeling Language (U M L) to Design an Effective System	Inernational Journal of Research in Electronics and Computer Engineering	3	1	2348-2281	Jan	2015	-	-	-
14	**Sukhjit Singh,** Jaiteg Singh, Hardeep Singh Rai	Assessing the Topological Consistency of Crowdsourced OpenStreetMap Data	Human Computation	1	2	2330-8001	Dec	2014	-	-	-
15	Nitasha Singla, **Sukhjit Singh,** Jaiteg Singh	A Review on Vandalism Detection in OpenStreetMap Data and Emerging Trends	American Journal of Networks and Communications	3	6	2326-8964	Dec	2014	-	-	-
16	Jagpreet Singh, **Vivek Thapar**	Improved GAF in Wireless Sensor Network	International Journal of Research in Advent Technology	2	10	2321-9637	Oct	2014	-	-	-

17	Ranbir Kaur, **Sukhjit Singh Sehra**	Analyzing and Displaying of Crime Hotspots using Fuzzy Mapping Method	International Journal of Computer Applications	103	1	0975-8887	Oct	2014	-	-	-
18	Navdeep singh, **Sumeet Kaur Sehra**	An Evolution of Cost Productive Method for Software Reuse	International Journal of Computer Science Trends and Technology	2	5	2347-8578	Oct	2014	-	-	-
19	Jaismine Jassal, **Manjot Kaur Gill**	Speech Enhancement of Punjabi Language at Phoneme Level using Digital Signal Processing Techniques	International Journal of Research in Advent Technology	2	8	2321-9637	Aug	2014	-	-	-
20	Nishu Dewan, **Sumeet Kaur**	Ant Colony Optimization Based Software Effort Estimation	International Journal of Computer Science And Technology	5	3	2229-4333	July	2014	-	-	-
21	Navjot Bagla, **Sumeet Kaur**	Investigating Relationship between Software Effort Estimation and Team Parameters	International Journal of Advance Research in Education, Technology & Management	2	1	2349-0012	July	2014	-	-	-
22	Ritika Kohli, **Sumeet Kaur Sehra**	Fuzzy Multi Criteria Approach for Selecting Software Quality Model	International Journal of Computer Applications	98	11	0975-8887	July	2014	-	-	-
23	Priyanka Walia, **Vivek Thapar**	Implementation of new modified MD5-512 bit algorithm for cryptography	International Journal of Innovative Research in Advanced Engineering (IJIRAE)	1	6	2349-2163	July	2014	-	-	-
24	Manpreet Singh, **Gurjit Kaur**	Phylogenetic Tree for Protein Function Prediction	Asian Journal of Research in Social Sciences and Humanities	4	7	2249-7315	July	2014	-	-	-

YEAR: 2013-2014

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	Harmandeep Singh Brar, **Vivek Thapar,** Kunal Kishor	A Survey of Load Balancing Algorithms in Cloud Computing	International Journal of Computer Science Trends and Technology	2	3	2347-8578	June	2014	**-**	**-**	**-**
2	Harpreet Kaur, **Parminder Singh**	Prosody Modification of its Output Speech Signal	International Journal of Advanced Research in Computer Science and Software Engineering	4	5	2277 128X	May	2014	**-**	**-**	**-**
3	Kamaljeet Kaur, **Parminder Singh**	Review of Machine Transliteration Systems	International Journal of Computer Applications	3	5	2278-0181	May	2014	**-**	**-**	**-**
4	Mohit Kakkar, **Jasbir Singh Saini**	Investigate the Performance of Mobile Ad Hoc Routing Protocols under Mobility Model Using OPNET	International Journal for Research in Applied Science and Engineering Technology	2	4	2321-9653	April	2014	-	-	-
5	Kanchan Sharma, **Amanpreet Singh Brar**	Visualizing the software system towards identifying the topic from source code using semantic clustring	International Journal of Advanced Computer Research	4	14	2249-7277	March	2014	-	-	-
6	Ekta Walia, **Shailja,** Anu Suneja	On the Analysis of Global and Local Robust Image Watermarking Using Zernike Moments	International Journal of Computer Vision and Image Processing	4	1	2155-6997	March	2014	-	-	-
7	Gurjot Singh, **Jagdeep Singh**	Prevention of Blackhole Attack in Wireless Sensor Network using IPSec Protocol	International Journal of Advanced Research in Computer Science	4	11	0976-5697	Dec	2013	-	-	-
8	Rajdeep Singh Chauhan, **Jasbir Singh Saini,** Harwinder Singh Sohal	An optimized ant colony algorithm to reduce the impact of flooding using clustering in adhoc network	International Journal of Computer Applications	84	6	0975-8887	Dec	2013	-	-	-
9	Sandeep Kaur, Harjot Kaur, **Sumeet Kaur Sehra**	Modification of Contract Net Protocol(CNP) : A rule updation Approach	International Journal of Advanced Computer Science and Applications	4	11	2156-5570	Nov	2013	SCIE	-	-

10	Pooja Kamboj, **Jasbir Singh Saini**	Formal Measure of the Effect of Manet size over the Performance of Various Routing Protocols	International Journal of Engineering Research & Technology	2	10	2278-0181	Oct	2013	-	-	-
11	Gurpreet Kaur, **Jasbir Singh Saini**	Implementation of Quality of Services (QoS) for 802.16 Wireless Mesh Network	International Journal of Engineering Research & Technology	2	10	2278-0181	Oct	2013	-	-	-
12	Mandeep Kaur, **Jasbir Singh saini**	Implementation of TTL and Fragmentation over the Performance of MANET Routing Protocols	International Journal of Engineering Research & Technology	2	10	2278-0181	Oct	2013	-	-	-
13	Harneet Arora, **Priyanka Arora, Kamaldeep Kaur**	Grid Monitoring Systems: A Survey	International Journal of Advanced Computer Technology	2	5	2319-7900	Oct	2013	-	-	-
14	Hari Nandan, **Amanpreet Singh Brar,** Ankit Arora	Measuring Processor Frequency for Load Stability in Multi Core MIMID Architecture	International Journal of Computer Applications	77	1	0975-8887	Sept	2013	-	-	-
15	**Manpreet Kaur Mand, Diana Nagpal, Gunjan**	An Analytical Approach for Mining Audio Signals	IJARCCE	2	9	2278-1021	Sept	2013	-	-	-
16	**Sukhjit Singh Sehra,** Jaiteg Singh, Hardeep Singh Rai	Assessment of OpenStreetMap Data - A Review	International Journal of Computer Applications	76	16	0975-8887	Aug	2013	-	-	-
17	Gitanjali, **Sukhjit Singh Sehra,** Jaiteg Singh	Policy Specification in Role based Access Control on Clouds	International Journal of Computer Applications	75	1	0975-8887	Aug	2013	-	-	-

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
18	**Gurdeep Singh,** R.S.Uppal, Manpreet Singh	Role of Text Mining for lexical monolingual punjabi dictionary	International Journal of Advanced Research in Computer Science and software Engineering	3	8	2277128X	Aug	2013	-	-	-

<table>
<tr><th colspan="12">YEAR: 2012-2013</th></tr>
</table>

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	Reecha Sood, **Sumeet Kaur Sehra**	Simulation Based Study and Investigating the throughput of WSN by Grid Based Path Planning	International Journal of Research in Commerce,Economics & Management	3	6	2231-4245	June	2013	-	-	-
2	**Manpreet Kaur Mand, Gunjan, Diana Nagpal**	A View on Data Mining	IJARCCE	2	6	2278-1021	June	2013	-	-	-
3	Anshu Aneja, **Vivek Thapar**	Optimizing Packet Filter Firewall using Duple Decision Scheme	The SIJ Transactions on Computer Networks & Communication Engineering (CNCE)	1	2	2321-2403	June	2013	-	-	-
4	**Sumeet Kaur Sehra,** Jasneet Kaur, **Sukhjit Singh Sehra**	Effect of Data Preprocessing on Software Effort Estimation	International Journal of Computer Applications	69	25	0975-8887	May	2013	-	-	-
5	Ranjodh Kaur, Harbhag Singh, **Jagdeep Singh**, Sandeep Kaur	Literature Survey on Color Image Compression	International Journal on Computer Science and Technology	4	2	2229-4333 (Print)	April	2013	-	-	-
6	Parveen Thakur, **Vivek Thapar**	Improved Energy Efficient MAC Protocol for Wireless Sensor Networks	International Journal of Advanced Research in Computer Science and Software Engineering	3	3	2277-128X	March	2013	-	-	-

7	Bhumika, **Sukhjit Singh Sehra,** Anand Nayyar	A Review Paper On Algorithms Used For Text Classification	International Journal of Application or Innovation in Engineering & Management	2	3	2319 - 4847	March	2013	-	-	-
8	**Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Data Mining Solution For Transcription as a Part of Gene Expression	International Journal of Networking and Parallel Computing	1	3	2319-4529	Jan	2013	-	-	-
9	**Amanpreet Singh Brar,** Ashish Jalota	Implementation of an optimal Approach to Testing Web Based Applications	Asian Journal of Computer Science and Information Technology	3	2	2249-5126	-	2013	-	-	-
10	**Sukhjit Singh Sehra, Sumeet Kaur Sehra**	AI Based Model for Software Project Planning	International Journal of Computers & Technology	3	3	2277-3061	Dec	2012	-	-	-
11	**Sukhjit Singh Sehra, Sumeet Kaur Sehra,** Navjot Kaur	Analyzing the Effect of Queuing Disciplines On Network Performance	International Journal of Computers and Distributed System	2	1	2278-5183	Dec	2012	-	-	-
12	Jaswinder Singh, **Vivek Thapar**	Intrusion Detection System in Wireless Sensor Network	International Journal of Computer Science and Communication Engineering	1	2	2319-7080	Dec	2012	-	-	-
13	Kanwaljeet Kaur, **Vivek Thapar**	Simulation Model for Software Reuse	International Journal of Computer Science and Communication Engineering	1	2	2319-7080	Dec	2012	-	-	-
14	Jaswinder Singh, **Vivek Thapar,** Amit Kamra	Deployment Strategy of Homogeneous and Heterogeneous Wireless Sensor Network	International Journal of Computer Science and Communication Engineering	1	2	2319-7080	Dec	2012	-	-	-

15	**Poonamdeep Kaur,** Dinesh Grover	Computer Based Payroll System Implementation For E-Governance at Punjab Agricultural University	International Journal of Engineering Research and Development	5	3	2278-800X	Dec	2012	-	-	-
16	**Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Conceptual Translation as a part of Gene Expression	International Journal of Computers & Technology	3	3	2277-3061	Nov	2012	-	-	-
17	**Mandeep Kaur Walia,** Navdeep Kaur	Development and Analysis of Hindi-Urdu Parallel Corpus	International Journal of Computing and Corporate Research	3	2	2249-054X	Nov	2012	-	-	-
18	Maninder Kaur, **Vivek Thapar**	A Novel Method for Edge Detection of Natural Color Images	International Journal of Computer Science and Information Technology & Security	2	5	2249-9555	Oct	2012	-	-	-
19	Deepika Singh, **Parminder Singh**	Removal of Spectral Discontinuity in Concatenated Speech Waveform	International Journal of Computer Applications	53	16	0975-8887	Sept	2012	-	-	-
20	**Jasdeep Kaur, Manpreet Kaur, Jappreet Kaur**	Denoising Gray Scale Images Using Curvelet Transform	International Journal of Electronics Communication and Computer Engineering	3	2	2249 –071X	Aug	2012	-	-	-
21	Tanureet Kaur, **Amanpreet Singh Brar**	A Noval Approach of Lossless Image Compression Using Two Techniques	International Journal of Computers and Distributed Systems	1	2	2278-5183	Aug	2012	-	-	-
22	Simmi Luthra, **Parminder Singh**	Punjabi Speech Generation System based on Phonemes	International Journal of Computer Applications	49	13	0975-8887	July	2012	-	-	-

YEAR: 2011-2012

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	Manpreet Singh, **Baljinder Singh, Gagandeep Kaur Sachdeva**	Decision Support system for Textile Entrepreneur using OLAP	Asian Journal of Research in Social Sciences and Humanities	2	6	2249-7315	June	2012	-	-	-
2	Vidushi Garg, **Parminder Singh,** Parneet Kaur	Voice Based Speaker Identification System	International Journal of Engineering Science & Advanced Technology	2	3	2250–3676	June	2012	-	-	-
3	**Jappreet Kaur, Manpreet Kaur, Poonamdeep kaur,** Manpreet Kaur	Comparative analysis of image denoising techniques	International Journal of Emerging Technology and Advanced Engineering	2	6	2250-2459	June	2012	-	-	-
4	**Kamaldeep Kaur,** Vishal Gupta	Name Entity Recognition for Punjabi Language	International Journal of Computer Science, Information Technology & Security	2	3	2249-9555	June	2012	-	-	-
5	**Daljeet Singh,** Lavleen kambow	Analyzing the Cohesion and Coupling of State Chart Diagrams using Program slicing techniques.	International Journal of Computer Science and Technology	3	2	0976-8491	June	2012	-	-	-
6	**Daljeet Singh,** Lavleen Kambow	Visualizing the Software Metrics of Statechart diagram using Program Slicing	International Journal of Applied Information Systems	2	9	2249-0868	June	2012	-	-	-
7	**Priyanka Arora,** Harneet Arora	A review of various Grid middleware technologies	International Journal of Advanced Research in Computer Science and Software Engineering	2	6	2277-128X	June	2012	-	-	-
8	**Kamaldeep Kaur,** Vishal Gupta	A Survey of Topic Tracking Techniques	International Journal of Advanced Research in Computer Science and Software Engineering	2	5	2277-128X	May	2012	-	-	-

9	**Gunjan, Amanpreet Singh Brar,** Akshay Girdhar	Despeckling of Ultrasound Images using Wavelets	International Journal of Applied Science and Technology Research Excellence	2	2	2250 - 2718	April	2012	-	-	-
10	**Jasbir Singh Saini**	Development of a New Class of Cost Effective and Fault Tolerant Multi Stage Interconnection Network for Parallel Computing System	International Journal Of Computational Engineering and Management	15	2	2230-7893	March	2012	-	-	-
11	Bindu Bansal, **Jasbir Singh Saini,** Vipan Bansal, **Gurjit Kaur**	Comparison of edge detection techniques	Journal of information and operation management	3	1	0976-7754	Feb	2012	-	-	-
12	**Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur	Multi criteria decision making for selecting Effort Estimation Model	International Journal of Computer Applications	39	1	0975-8887	Jan	2012	-	-	-
13	Parneet Kaur, **Parminder Singh,** Vidushi Garg	Speech Recognition System: Challenges and Techniques	International Journal of Computer Science and Information Technologies	3	3	0975-9646		2012	-	-	-
14	**Parminder Singh,** Navdeep kaur, Loveleen Kaur	Satellite Image Classification by Hybridization of FPAB Algorithm and Bacterial Chemotaxis	International Journal of Computer Technology and Electronics Engineering	1	3	2249-6343	Dec	2011	-	-	-
15	Varshan Sahni, **Vivek Thapar,** Bindiya Jain	Security Implications of Ad-hoc Routing Protocols against Wormhole attack using Random Waypoint Mobility Model in Wireless Sensor Networks	International Journal of Computer Science and Information Security	9	11	1947-5500	Nov	2011	-	-	-
16	**Sumeet Kaur Sehra,** Yadwinder Singh Brar, Navdeep Kaur	Soft Computing Techniques for Software project Effort estimation	International Journal of Advanced Computer and Mathematical Sciences	2	3	2230-9624	Nov	2011	-	-	-

17	Bhupinder Singh, **Parminder Singh**	Voice Based user Machine Interface for Punjabi using Hidden Markov Model	International Journal of Computer Science and Technology	2	3	2229-4333	Sept	2011	-	-	-
18	**Kamaldeep Kaur,** Vishal Gupta	Topic Tracking for Punjabi Language	Computer Science & Engineering: An International Journal	1	3	2231-3583	Aug	2011	-	-	-
19	**Vivek Thapar,** Bindiya Jain, Varshan sahni	Performance Analysis of Ad-hoc Routing Protocols using Random Waypoint Mobility Model in Wireless Sensor Networks	International Journal of Computer Science and Engineering	3	8	0975-3397	Aug	2011	-	-	-

YEAR: 2010-2011											
S.No.	**Author (s)**	**Title**	**Journal Name**	**Vol.**	**Issue**	**ISSN**	**Month**	**Year**	**Indexing**	**Impact factor**	**Publisher**
1	Manpreet Kaur, **Parminder Singh**	TD-PSOLA Based Emotional Speech Generation	Journal of Computer Science and Engineering	7	2	2043-9091	June	2011	-	-	-
2	**Gurjit Kaur, Lolita Singh**	Data Mining:an overview	International Journal of Computer Science & Technology	2	2	2229-4333	June	2011	-	-	-
3	**Manjot Kaur, Parminder Singh**	Speech Signal Pre-Processing for Isolated and Connected Punjab Speech Recognition	An International Journal of Engineering Sciences	1		2229-6913	March	2011	-	-	-
4	Anuradha Goel, **Amanpreet Singh Brar**	An Efficient Method for Load Balancing by Replicated Mobile Agents in Mobile Computing Environment	International Journal of Mobile Communication and Networking	2	1	2231 - 1203		2011	-	-	-
5	Nishi Sharma, **Parminder Singh**	Automatic Segmentation of Wave File	International Journal of Computer Science & Communication	1	2	0973-7391	Dec	2010	-	-	-

S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
6	**Parminder Singh,** Gurpreet Singh Lehal	Syllables Selection for the Development of Speech Database for Punjabi TTS System	International Journal of Computer Science Issues	7	6	1694-0814	Nov	2010	-	-	-
7	Reetkamal Kaur, **Manjot Kaur Gill,** Amanjot Kaur	Using Cluster Analysis for Protein Structure Prediction	International Journal of Computer Applications	4	12	0975-8887	Aug	2010	-	-	-
8	**Manjot Kaur Gill,** Reetkamal Kaur, Jagdev Kaur	Vector Quantization based Speaker Identification	International Journal of Computer Applications	4	2	0975-8887	July	2010	-	-	-
9	Simarjit Kaur, **Sukhjit Singh Sehra**	Role Based Access Control For Grid Environment Using Gridsim	Journal of Engineering and Research Studies	1	1	0976-7916	July	2010	-	-	-
10	**Parminder Singh,** Gurpreet Singh Lehal	Corpus Based Statistical Analysis of Punjabi Syllables for Preparation of Punjabi Speech Database1	International Journal of Intelligent Computing Research	1	3	2042-4655	June	2010	-	-	-

YEAR: 2009-2010											
S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	V. K. Panchal, **Parminder Singh,** Navdeep Kaur, Harish Kundra	Biogeography based Satellite Image Classification	International Journal of Computer Science and Information Security	6	2	1947-5500	Nov	2009	-	-	-

YEAR: 2007-2008											
S.No.	Author (s)	Title	Journal Name	Vol.	Issue	ISSN	Month	Year	Indexing	Impact factor	Publisher
1	**Parvinder Singh Sandhu, Sukhjit Singh Sehra,** Haeng-Kon Kim	A Neuro-Fuzzy Model for software Effort Estimation	Journal of Electronics and Computer Science	10	1	1229-425X	June	2008	-	-	-