DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF PUBLICATIONS IN INTERNATIONAL CONFERENCES

YEAR: 2024-2025						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	Krishan Kumar, **Kiran Jyoti**	Optimizing MobileNet for Brain Tumor Classification: An Analysis of Epochs and Learning Rate Impact on Performance	9th International Conference on Information System Design & Intelligent Applications	University of Wollongong, Dubai	Jan	2025

YEAR: 2023-2024						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	Bharatdeep Singh, Divneet Kaur, **Sita Rani**	An MI-based Hybrid Model for Iiot Attack Classification in Industry 4.0 Ecosystem	Sixth International Conference on Computational Intelligence in Communications and Business Analytics CICBA 2024	National Institute of Technology Patna	Jan	2024
2	Tashneet Kaur, Dhruv Kumar, **Sita Rani, Kiran Jyoti**	From Haze And Smoke To Clarity: An Integration of Deep Learning And Atmospheric Model	Sixth International Conference on Computational Intelligence in Communications and Business Analytics CICBA 2024	National Institute of Technology Patna	Jan	2024
3	Ubeeka Jain, **Parminder Singh**	Classification of Fine-Grained Emotions	Springer International Conference on Multi-Strategy Learning Environment (ICMSLE-2024)	Graphic Era Hill University, Dehradun , India	Jan	2024
4	Ubeeka Jain, **Parminder Singh**	Text Mining for Fine-grained Emotion Detection	Springer International Conference on information systems and management science (ISMS2023)	OP Jindal University, Raigarh, India	Dec	2023

S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
5	Priyanka Jhamb, Amanjot Singh, Vrishti Gupta, **Manpreet Kaur Mand**	Blockchain-enabled Transcript System integrated with IPFS	International Conference on Recent Trends in Advance Computing (ICRTAC)	School of Computer Science and Engineering (SCOPE), Vellore Institute of Technology, Chennai	Dec	2023
6	**Priyanka Arora, Parminder Singh** and Akshay Girdhar	Calcified Tissue Detection using Deep Learning Models in Intravascular Ultrasound images	IEEE International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	K.S.R. College of Engineering, Tiruchengode, Tamil Nadu, India	Oct	2023
7	**Manjot Kaur Gill**, Simpel Rani and **Parminder Singh**	Performance Comparison of Conventional and Deep Learning Classifiers for Punjabi Dialect Identification	IEEE International Conference on Self Sustainable Artificial Intelligence Systems	M.P. Nachimuthu, M.Jaganathan Engineering College, Chennimalai, Erode, India	Oct	2023
8	Vikram Puri, Aman Kataria, **Sita Rani,** Piyush Kumar Pareek	DLT Based Smart Medical Ecosystem	IEEE International Conference on Network, Multimedia and Information Technology (NMITCON)	Bengaluru, India	Oct	2023

YEAR: 2022-2023						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	Aman Kataria, Vikram Puri, Piyush Kumar Pareek, **Sita Rani**	Human Activity Classification using G-XGB	IEEE International Conference on Data Science and Network Security (ICDSNS)	Tiptur, India	July	2023

2	Abhishek Rana, **Amandeep Kaur Sohal**	Virtual Channel Attack by Hardware Trojan in NoC-based TCMP and its Impact Analysis	2023 Third International Conference on Secure Cyber Computing and Communication (ICSCCC) IEEE	NIT Jalandhar, Punjab INDIA	May	2023
3	Prince Verma , **Kiran Jyoti** , Muhammed Junaid	Study on deep learning model-based CHATBOTs	7th International Joint Conference on Computing Sciences (ICCS-2023)	Lovely Professional University, Punjab, India	May	2023
4	**Diana Nagpal**, Shikha Gupta	Human Activity Recognition and Prediction: Overview and Research Gaps	8th International Conference for Convergence in Technology IEEE	Mumbai, India	April	2023
5	**Diana Nagpal,** Shikha Gupta	Evolution from Handcrafted to Learned Representation Methods for Vision-based Activity Recognition	3rd International Conference on Soft Computing for Security Applications ICSCS 2023 (Springer)	Dhirajilal Gandhi College of Technology, Salem, Tamilnadu, India	April	2023
6	**Manpreet Kaur**, Shikha Gupta	Optimization of a Consensus Protocol in Blockchain-IoT Convergence	International Conference on Emerging Smart Computing and Informatics (ESCI)	AISSMS Institute of Information Technology, Pune, India.	March	2023
7	**Manpreet Kaur**, Shikha Gupta	Blockchain technology: An overview with notable features and challenges	International Conference on Artificial Intelligence, Blockchain, Computing and Security (ICABCS 2023)	Galgotias University, Greater Noida, Uttar Pradesh, India	Feb	2023
8	**Sita Rani,** Piyush Kumar Pareek, Jaskiran Kaur, **Meetali Chauhan**, Pankaj Bhambri	Quantum Machine Learning in Healthcare: Developments and Challenges	IEEE International Conference on Integrated Circuits and Communication Systems	Raichur, India	Feb	2023

S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
9	**Kamaldeep Kaur, Parminder Singh**	Extraction and Analysis of Speech Emotion Features using Hybrid Punjabi Audio Dataset	International Conference on Soft Computing and its Engineering Applications (Springer)	Charusat, Changa, Gujrat, India	Dec	2022
10	Vikram Puri, Aman Kataria, Vijender Kumar Solanki, **Sita Rani**	AI-Based botnet attack classification and detection in IoT Devices	IEEE International Conference on Machine Learning and Applied Network Technologies (ICMLANT)	Soyapango, El Salvador	Dec	2022
11	Blossom, Jasmine Kaur Gill, Sehajpreet Kaur, **Gurjit Kaur**	Face Sketch Constructor and Identity Attestation	International Conference on Advancements in Engineering & Technology	Bhai Gurdas Institute of Engg. and Tech., Sangrur	Nov	2022
12	**Sita Rani,** Pankaj Bhambri, Jaskiran Kaur, Yashwant Singh Sangwan	Exploring the Application Domains of ML-Based Facial Emotion Recognition Systems: Framework, Techniques and Challenges	International Conference on Computing and Communication Networks (ICCCN-2022)	Manchester Metropolitan University, Manchester, UK	Nov	2022
13	**Manpreet Kaur,** Shikha Gupta, Deepak Kumar, Maria Simona Raboaca, S.B. Goyal, Chaman Verma	IPFS:An Off-Chain Storage Solution for Blockchain	International Conference on Recent Innovations in Computing (Springer)	Chandigarh University, india	Aug	2022

YEAR: 2021-2022						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year

1	**Diana Nagpal**, Rajiv Kumar	Performance Analysis of Hybrid Deep Learning Approach for Human Actions Recognition	International Conference on Inventive Communication and Computational Technologies (Springer)	Namakkal, India	May	2022
2	**Manpreet Kaur** and Shikha Gupta	Blockchain Consensus Protocols: State-of-the-art and Future Directions	IEEEInternational Conference on Technological Advancements and Innovations (ICTAI-2021)	Tashkent, Uzbekistan (Online)	Jan	2022
3	Harman Singh, **Parminder Singh, Manjot Kaur**	Statistical Parametric Speech Synthesis for Punjabi Language using Deep Neural Network	3rd International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET 2021)	Madhav Institute of Technology & Science, Gwalior, India	Nov	2021
4	Shalini Sharma. **Amandeep Kaur Sohal, Mandeep Kaur Walia**	Performance Improvement of CTNR Protocol in Wireless Sensor Network Using Machine Learning	3rd International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology ICSISCET 2021	Madhav Institute of Technology & Science, Gwalior, India	Nov	2021
5	Taman Kumar, **Kiran Jyoti**, and Sandeep K.Singla	Design and Development of Machine Learning Model for Crop Yield Prediction	International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications	NITTTR, Chandigarh	Sept	2021
6	Kanika, **Vivek Thapar, Gurjit Kaur**	Analysis of Various Image Blind Detection Techniques: Review	International Conference on Engineering & Technology	Ludhiana	July	2021
7	Baldeep Kaur**, Sumeet Kaur Sehra, Daljeet Singh**	An Ensemble Classification Model For Software Defect Prediction	International Conference on Engineering & Technology	Ludhiana	July	2021
8	Isha**, Jasbir Singh Saini, Kamaldeep Kaur**	A Machine Learning Approach For Network Traffic Classification	International Conference on Engineering & Technology	Ludhiana	July	2021

| 9 | Kanika, **Vivek Thapar, Gurjit Kaur** | Image Blind Detection Using GLCM, ABC and Voting Classification Method | International Conference on Engineering & Technology | Ludhiana | July | 2021 |

YEAR: 2020-2021						
S.No.	**Author (s)**	**Title**	**Name of Conference**	**Venue**	**Month**	**Year**
1	**Amit Jain**, Vikrant Aggarwal, Rakesh Kumar and Harmeet Singh Pabla	Availability and Optimization of Continuous Manufacturing System Using Markov Modelling and Genetic Algorithm	International Conference on Communication and Artificial Intelligence (Springer)	GLA University, Mathura	May	2021
2	**Diana Nagpal,** Rajiv Kumar	A Review On Machine Learning Techniques for Human Actions Recognition	Computational Intelligence in analytics and Information Systems (Taylor & francis)	Manav Rachna University, Faridabad, India	April	2021
3	Purnima Bakshi, Pankaj Bhambri, **Vivek Thapar**	Review Paper on Wireless Sensor Network Techniques in Internet of Things (IoT)	International Conference on Contemporary Issues in Engineering and Technology (CIET-2021)	Phagwara	Jan	2021
4	**Priyanka Arora,** Babanpreet Singh	Analysis Paper on Different Algorithm, Dataset and Devices Used for Fundus Images	International Conference on Advanced Informatics for Computing Research(Springer)	Gurugram, Harayana	Dec	2020
5	Kulvinder Kaur,**Inderjit Singh**,P.Bhambri	Optimized PSO-EFA Algorithm for Energy Efficient Virtual Machine Migrations	2020 5th IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE)	Poornima College of Engineering,Jaipur, India	Dec	2020

6	**Goldendeep Kaur**, **Kiran Jyoti**, Prabhat Thakur	A detailed survey on classification of localization techniques in wireless sensor networks	Communication, Networks and Computing(Springer)	Gwalior	Dec	2020
7	Komal, **Amandeep Kaur Sohal**	Cluster Based Redundancy Elimination Algorithm for Data Aggregation Scheduling Scheme in Wireless Sensor Networks	International Conference on Computational Intelligence, Security and Internet of Things Part of the Communications in Computer and Information Science (Springer)	Tripura, India	Dec	2020
8	Gagneet Kaur,**Priyanka Arora,Jasdeep Kaur**	Detection of Plant Leaf Disease Using Image Processing and Deep Learning Technique—A Review	Proceedings of International Conferenceon ComputationalIntelligence, Data Science and Cloud ComputingIEM-ICDC 2020(Springer)	online	Sep	2020
9	Harshpreet Kaur , Jaskirat Kaur , Jyoti Sah, **Manpreet Kaur Mand**	A Privacy Preserving E-voting System using Blockchain Technologies	International Congress on Sustainable Development through Engineering Innovations (SDEI-2020)	Guru Nanak Dev Engineering College, Ludhiana (Punjab), India	Sep	2020
10	Ankit Nitesh, **Jasdeep Kaur**	A comparative review on different methods for image captioning	International Congress on Sustainable Development through Engineering Innovations (SDEI-2020)	Guru Nanak Dev Engineering College, Ludhiana (Punjab), India	Sep	2020
11	Ritu, **Sumeet Kaur Sehra,** Sukhjit Singh Sehra	Comparative Analysis of Machine Learning Techniques in effort estimation	International Congress on Sustainable Development through Engineering Innovations (SDEI-2020)	Guru Nanak Dev Engineering College, Ludhiana (Punjab), India	Sep	2020

12	Palak Sood, **Sumeet Kaur Sehra**, Himani Sharma	An Ensembled Feature Extraction Approach for Predicting Male Infertility using Artificial Intelligence	International Congress on Sustainable Development through Engineering Innovations (SDEI-2020)	Guru Nanak Dev Engineering College, Ludhiana (Punjab), India	Sep	2020
13	Himani Sharma, **Sumeet Kaur Sehra,** Kuljit Kaur, Mandeep Kaur, Palak Sood	Building a Machine Learning Classifier Model for Diabetes Prognosis	International Congress on Sustainable Development through Engineering Innovations (SDEI-2020)	Guru Nanak Dev Engineering College, Ludhiana (Punjab), India	Sep	2020
14	Rajneet Kaur, **Parminder Singh**	Analysis of Machine Translation and its Approaches	International Congress on Sustainable Development through Engineering Innovations (SDEI-2020)	Guru Nanak Dev Engineering College, Ludhiana (Punjab), India	Sep	2020
15	Navdeep Kaur, **Parminder Singh**	Speech Parameters Extraction for Text-to-Speech Synthesis for Punjabi	International Congress on Sustainable Development through Engineering Innovations (SDEI-2020)	Guru Nanak Dev Engineering College, Ludhiana (Punjab), India	Sep	2020

YEAR: 2019-2020						
S.No.	**Author (s)**	**Title**	**Name of Conference**	**Venue**	**Month**	**Year**
1	Himani Sharma, **Sumeet Kaur Sehra**, and Palak Sood	Literature review of machine learning approaches in diabetes prognosis	International Conference on Applications of AI and Machine Learning	Punjabi University, Patiala, India	May	2020
2	Palak Sood, **Sumeet Kaur Sehra**, and Himani Sharma	An Analytical Review of Artificial Intelligence Techniques for Infertility Prediction	International Conference on Applications of AI and Machine Learning	Punjabi University, Patiala, India	May	2020

3	Rajneet Kaur, **Parminder Singh**	Development of Punjabi to English Translation system using NMT	International Conference on Applications of AI and Machine Learning	Punjabi University, Patiala, India	May	2020
4	Divya Sharma, Sandeep Kumar Singla and **Amandeep Kaur Sohal**	Stock Market Prediction Using ARIMA, ANN and SVR	3rd International Conference on Communications and Cyber Physical Engineering, Part of Lecture Notes in Electrical Engineering (Springer)	CMR Engineering College, Hyderabad, Telangana, India	Feb	2020
5	Kavleen Kour, Jaspreet Kour, **Parminder Singh**	Lexicon Based Sentiment Analysis	First International Conference on Advanced Communication & Computational Technology (ICACCT-2019)	NIT Kurkshetra, India	Dec	2019
6	Harinder Singh Mashiana, Abhishek Salaria, **Kamaldeep Kaur**	Speech Enhancement Using Residual Convolutional Neural Network	International Conference on Smart Systems and Inventive Technology (ICSSIT) (IEEE)	Francis Xavier Engineering College, Tirunelveli, India	Nov	2019
7	Swaranjit Singh, **Vivek Thapar**, Sachin Bagga	Exploring the hidden patterns of cyberbullying on social media	International Conference on Computational Intelligence and Data Science (ICCIDS 2019)	Gurugram	Sept	2019
8	Navdeep Kaur, **Parminder Singh**	Segmentation of Punjabi Text into Prosodic Unit	The 14th International Conference on Computer Science & Education (ICCSE 2019) (IEEE)	Toronto, Canada	Aug	2019
9	**Amandeep Kaur Sohal,** Ajay K. Sharma and Neetu	Energy Efficient Heterogeneous WCEP protocol for Enhancing Coverage Lifetime in WSNs	4th International Conference on Recent Advancements in Computer Communication and Computational Sciences (Springer)	Aryabhatta College of Engineering & Research Center, Chachiyawas, Ajmer, India	Aug	2019

| 10 | **Amandeep Kaur Sohal,** Ajay K. Sharma and Neetu | A Hybrid Approach to Improve Full Coverage in Wireless Sensor Networks | 4th International Conference on Communication and Electronics Systems (ICCES 2019)(IEEE) | PPG Institute of Technology Coimbatore, India | July | 2019 |

YEAR: 2018-2019						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	Gurjit Kaur, **Kamaldeep Kaur, Parminder Singh**	Spell Checker for Punjabi Language using Deep Neural Network	IEEE 5th International Conference on Advanced Computing and Communication Systems, SCOPUS	Sri Eshwar College of Engineering, Combatore, India	March	2019
2	Jaspreet Singh**, Kamaldeep Kaur**	Speech Enhancement for Punjabi Language Using Deep Neural Network	IEEE International Conference on Signal Processing and Communication, SCOPUS	Amity University, Noida, India	March	2019
3	Gurinder Kaur, **Parminder Singh**	Formant Text To Speech Synthesis Using Artificial Neural Networks	Second International Conference on Advanced Computational and Communication Paradigms (ICACCP) (Scopus Indexed)	Sikkim Manipal Institute of Technology (SMIT), Sikkim, India	Feb	2019
4	Kavleen Kour, Jaspreet Kour, **Parminder Singh**	Smart Applications of Internet of Things	IEEE First International Conference on Secure Cyber Computing and Communication (ICSCCC) (Scopus Indexed)	Dr. B.R. Ambedkar NIT, Jalandhar, India	Dec	2018

YEAR: 2017-2018						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year

1	**Daljeet Singh,** Harmaninderjit Singh Sidhu	Optimal Pursuit of UML Metrics For Structural and Behavioral Diagrams of UML using Metrics Tool and Program slicing Techniques	3rd International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM 2018)	Indian Council of Social Science Research , North West Regional Centre , Punjab University Campus Chandigarh, India	May	2018
2	Pragati Dikshit, **Rajveer Kaur, Goldendeep Kaur**	A Comprehensive survey on fault toleranceschemes in WSN	International Conference on Advances in Science & Technology	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, India	May	2018
3	**Inderjit Singh Dhanoa**	A Review of Energy Efficient Optimization Techniques for VM Placement in Cloud Data Centers	International Conference on Computing for Sustainable Global Development	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi	March	2018
4	Sukhpreet Kaur, **Parminder Singh**	Festival Framework for Synthesis of Punjabi Voice	2nd International Conference on Communication, Computing and Networking (ICCCN 2018) (Scopus Indexed)	National Institute of Technical Teachers Training & Research, (NITTTR) Chandigarh, India	March	2018
5	Rajdeep Kaur, Akshay Girdhar, **Priyanka Arora**	Detection of Rainmaas from RADAR images using Wavelets	IEEE 2nd International Conference on Communication and Electronics Systems	PPG Institute of Technology, Coimbatore, Tamil Nadu, India	Oct	2017

| 6 | Deepshikha, **Priyanka Arora,** Varsha | Enhanced NN Based RZ Leach using hybrid ACO/ PSO based routing for WSNs | IEEE International conference on Computing, Communication and Networking Technologies | IIT, Delhi | July | 2017 |

YEAR: 2016-2017						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	**Daljeet Singh,** Amit Kamra	Measuring software design metrics of UML Structural and Behavioural diagrams	3rd International Conference on Research Trends in Engineering, Applied Science & Management	Pune	May	2017
2	**Geetika**	A Hybrid Artificial Bee Colony & Support Vector Machine Classifier for Spam Mail Detection	International Conference on Recent Innovation in Computer Science & Information Technology	Shimla	May	2017
3	Kriti Bhatia, **Sukhjit Singh Sehra, Geetika,** Sherry Chalotra	AN APPROACH TO DETECT OUTLIERS IN OPENSTREETMAP DATA	International Conference on Recent Trends in Engineering, Science & Management	Phagwara, Punjab	May	2017
4	Komaldeep Kaur, **Parminder Singh**	Generation of Expressive Speech for Punjabi	2nd International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2017)	National Institute of Technical Teachers Training & Research, (NITTTR) Chandigarh, India	April	2017
5	Sarpreet Kaur, **Parminder Singh**	Discontinuity Removal in Concatenative Synthesized Speech	2nd International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2017)	National Institute of Technical Teachers Training & Research, (NITTTR) Chandigarh, India	April	2017

6	Kirandeep Kaur, **Sukhjit Singh Sehra, Priyanka Arora, Sumeet Kaur**	SpatialHadoop: For OpenStreetMap data	International Conference on Inventive Systems and Control (ICISC)	JCT College of Engineering and Technology, Coimbatore, India	Jan	2017
7	Anterpreet Kaur, **Parminder Singh, Kamaldeep Kaur**	Punjabi Dialects Conversion System for Majhi, Malwai and Doabi Dialects	8th International Conference on Computer Modeling and Simulation (ICCMS 2017)	Canberra, Australia	Jan	2017
8	Sherry Vij, **Parminder Singh, Manjot Kaur**	Feature Extraction using MFCC for speech recognition	Recent trends in Communication and Computer Networks	Bangalore	Nov	2016
9	Ankurdeep Kaur, Manpreet Singh, **Priyanka Arora**	Development of disease detection system using leaf image analysis	International Conference on recent trengs in computing	Punjabi University, Patiala	August	2016

YEAR: 2015-2016						
S.No.	**Author (s)**	**Title**	**Name of Conference**	**Venue**	**Month**	**Year**
1	Vandana Toor, **Kapil Sharma**	Study of Various Route Tracking Techniques and Open Street Map Data	International Conference on Computer Science, Electronics and Communication Engineering	Mohali	June	2016
2	Jasleen Kaur**, Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Impact Analysis of Features on Classification for Sentiment Analysis of Tweets	International Conference on Computer Science, Electronics and Communication Engineering	Ludhiana	June	2016
3	Ramandeep Sharma, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Analysis of Machine Learning Approaches for Opinion Mining of Movie Reviews	International Conference on Computer Science, Electronics and Communication Engineering	Ludhiana	June	2016

4	Navneet Kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Review of Open Street Map Data Quality and its Assessment Tools	International Conference on Computer Science, Electronics and Communication Engineering	Ludhiana	June	2016
5	Pawan Verma, **Sukhjit Singh Sehra, Kapil Sharma**	Review of Contributor's Categories and their Motivations for Open Street Map	International Conference on Computer Science, Electronics and Communication Engineering	Mohali	June	2016
6	Harjinder Kaur, **Kamaldeep Kaur**	A Survey of Anaphora Resolution approaches for different Indian languages	International Conference on Computer Science, Electronics and Communication Engineering	ITAR/IFERP (conducted in Ludhiana)	June	2016
7	HarsimranPal Kaur, **Kamaldeep Kaur**	A Review of Document Classification Techniques	International Conference on Computer Science, Electronics and Communication Engineering	ITAR/IFERP (conducted in Ludhiana)	June	2016
8	Kamaljeet Kaur, **Parminder Singh**	English to Punjabi Transliteration using Orthographic and Phonetic Information	Natural Language Processing	Punjabi University, Patiala, India	Sep	2015
9	Jasmine Kaur, **Parminder Singh**	Review of Expression Speech Synthesis	International Conference on Innovative Research in Engineering Science, Information & Communication Technology (ICREICT–2015)	Lala Lajpat Rai Institute of Engineering & Technology, Moga, India	July	2015

YEAR: 2014-2015						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	Baldeep Kaur, **Sumeet Kaur Sehra, Daljeet Singh**	Hybrid Approach for Sentiment Analysis of Punjabi Text	INTERNATIONAL SCIENCE AND TECHNOLOGY CONGRESS 2015	Kolkata	August	2014

S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
		YEAR: 2013-2014				
1	**Sumeet Kaur Sehra ,** Jasneet Kaur, Yadwinder Singh Brar, Navdeep Kaur	Analysis of Data Mining Techniques for Software Effort Estimation	Information Technology - New Generations (ITNG 2014) Scopus	Las Vegas, Nevada, U.S.A	April	2014
2	**Sukhjit Singh Sehra,** Jaiteg Singh, Hardeep Singh Rai	A Systematic Study of OpenStreetMap Data Quality	Information Technology : New Generations ITNG 2014 Scopus	Las Vegas, Nevada, U.S.A	April	2014
3	Rajveer Kaur, **Jasbir Singh Saini**	Extended Twofish Block Cipher Algorithm For 256-bit Blocks and Performance Comparison With Twofish	Recent Advances in Science, Engineering and Technology	Pune	April	2014
4	**Sumeet Kaur Sehra,** Harpreet Kaur, Navdeep Kaur	Effect of Decomposition of Classes on Software Architecture Stability	Recent Trends in Information, Telecommunication and Computing	Chandigarh	March	2014
5	Mandeep Kaur, **Sumeet Kaur Sehra**	Particle swarm optimization based effort estimation using Function Point analysis	Issues and Challenges in Intelligent Computing Techniques	Krishna Institute of Engineering & Technology, Ghaziabad, India	Feb	2014
6	**Jagdeep Singh**, Harbhag Singh, Amit Kamra	Recent Trends in Data Mining : A Review	Biomedical Engineering & Assistive Technologies	Panjab University, Chandigarh, India	Feb	2014
7	**Priyanka Arora,** Sarabjeet Singh	Design and Performance Analysis of Distributed implementation of Apriori Algorithm in Grid Environment	48th Annual Convention of Computer Society of India	Hotel Novotel Varun Beach, Vishakhapatnam, India	Dec	2013

| 8 | Kamaljit Kaur, **Parminder Singh** | English to Punjabi Transliteration using Orthographic and Phonetic Information | International Conference on Natural Language Processing (ICON-2014) | Goa University, Goa, India | Dec | 2013 |

YEAR: 2012-2013						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	**Sukhjit Singh Sehra,** Jaiteg Singh, Hardeep Singh Rai	Why Indian Government Should Support Volunteered Geographic Information – OpenStreetMap	State of Map Conference 2013	Birmingham, UK	March	2013
2	**Parminder Singh,** Gurpreet Singh Lehal	Punjabi Text-To-Speech Synthesis System	Computational Linguistics (COLING-2012)	IIT, Mumbai, India	Dec	2012
3	Gagandeep Singh, **Amanpreet Singh Brar**, Parvinder Singh Sandhu	Evaluating Performance of Grid Partitioned based Neuro Fuzzy System for Prediction of Level of Severity of Faults in Software Systems	Machine Learning and Computer Science	Thailand	Aug	2012
4	Amanpreet Singh, **Amanpreet Singh Brar**, Parvinder Singh Sandhu	A Bayes Network Based Classification Approach for Evaluation of Success of Software Reuse	Machine Learning and Computer Science	Thailand	Aug	2012

5	Navjot Kaur, **Sukhjit Singh Sehra,** Jaiteg Singh	Performance Analysis of Queuing Disciplines on Network Performance	Information Management in the Knowledge Economy (IMKE 2012)	Chitkara Insitute of Engg & Technology, Punjab, India	July	2012
6	**Jasbir Singh Saini,** Kulwinder Singh Mann, Harsh Sadawarti	Integrated System for Information Retrieval in Medical Area	World Academy of Science, Engineering and Technology	Kos, Greece	July	2012
7	Atul Brisht, **Amanpreet Singh Brar,** Parvinder Singh Sandhu	Prediction of Faults in Open Source Software System Using FCM	Computer Graphics, Simulation and Modelling	Thailand	July	2012

YEAR: 2011-2012						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	**Daljeet Singh, Gurdeep Singh,** Aman Bhardwaj	Visualizing the Component Dependency of state chart diagrms of UML using Program slicing techniques	Advancements in Computing & Communication	BBSBEC, Fatehgarh Sahib, India	Feb	2012
2	**Daljeet Singh, Sunint Kaur**	Measuring the cohesion and coupling of sequence diagram using program slicing	SPIT-ASP	Amsterdam, Netherlands	Dec	2011
3	**Daljeet Singh,** Bindu Goyal, Vipan Bansal	Weighted Threshold Histogram Equalization for contrast Enhancement of Grayscale	IEEE STUDENT CONFERENCE ON COGINIZANCE OF APPLIED ENGINEERING AND RESEARCH	Panjab University, Chandigarh, India	Oct	2011

| 4 | **Daljeet Singh, Sunint Kaur** | The Novel approach of measuring the cohesion and coupling of sequence diagram using program slicing | IEEE STUDENT CONFERENCE ON COGINIZANCE OF APPLIED ENGINEERING AND RESEARCH | Panjab University, Chandigarh, India | Oct | 2011 |
| 5 | **Kamaldeep Kaur** | Topic Tracking Techniques for Natural Language Processing | Advances in Computing & Artificial Intelligence | Chitkara University, Punjab, India | July | 2011 |

YEAR: 2010-2011						
S.No.	**Author (s)**	**Title**	**Name of Conference**	**Venue**	**Month**	**Year**
1	**Parminder Singh,** Gurpreet Singh Lehal	A Rule Based Schwa Deletion Algorithm for Punjabi TTS System	Information Systems for Indian Languages (ICISIL-2011)	Punjabi University, Patiala, India	March	2011
2	**Parminder Singh,** Gurpreet Singh Lehal	Text-To-Speech Synthesis System for Punjabi Language	Information Systems for Indian Languages (ICISIL-2011)	Punjabi University, Patiala, India	March	2011
3	Guneet Pal Singh, **Vivek Thapar**	Development of Rule Based IDS for Windows	Power System Operation and Control	GNDEC, Ludhiana, India	Dec	2010
4	**Kirandeep Kaur,** Amit Kamra	Review of Image Denoising Approaches	Power System Operation and Control	GNDEC, Ludhiana, India	Dec	2010
5	**Gurjit Kaur, Lolita Singh**	Introduction to Expert Systems	Power System Operation and Control	GNDEC, Ludhiana, India	Dec	2010
6	**Daljeet Singh,** Akhilesh kumar**, Sunint Kaur**	Visualizing the component dependency in OOP using program slicing techniques	Power System Operation and Control	GNDEC, Ludhiana, India	Dec	2010
7	**Parminder Singh,** Gurpreet Singh Lehal	Statistical Syllables Selection Approach for the Preparation of Punjabi Speech Database	Internet Technology and Secured Transactions (ICITST-2010)	London, UK	Nov	2010

8	Simarjit Kaur, **Sukhjit Singh Sehra**, Amanpreet Singh, Supreet Kaur	Resource Allocation In Grid Environment Using Rbac Model	Computer Engineering Technology	Jodhpur Institute of Engg & Technology, India	Nov	2010
9	Amanpreet Kaur, **Parminder Singh,** Dhavleesh Ratan	Automatic marking of Punjabi Syllables Boundaries in a Sound File	Signal Processing Systems (ICSPS)	China	July	2010

YEAR: 2009-2010						
S.No.	**Author (s)**	**Title**	**Name of Conference**	**Venue**	**Month**	**Year**
1	Jaspreet Kaur, **Parminder Singh**	Development of sound file format Convertor	Upcoming Trends in IT	PCET, Badowal, India	May	2010
2	**Vivek Thapar,** Satinderjit Singh	A New Metric to Measure the Software Code Comprehending Complexity	Upcoming Trends in IT	PCET, Badowal, India	May	2010
3	Amanjot kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Fuzzy Clustering Based Missing Value Estimation of Gene Expression Data	Computer Engineering Technology	RIMT, Mandi Gobindgarh, India	March	2010
4	Gurdas Singh, Janpreet Singh, **Sukhjit Singh Sehra**, Mohanjeet Singh	Secure Communication Schemes in Wireless Sensor Network	Computer Engineering Technology	RIMT, Mandi Gobindgarh, India	March	2010

| 5 | Sandeep Kaur, **Sukhjit Singh Sehra** | GENE Expression: Implementation of both transcription and translation process as a part of gene expression (both for prokaryotes and eukaryotes) | Computing: Update and Trends | Jaipuria Institute of Management, Ghaziabad, India | Feb | 2010 |
| 6 | Rupandeep Kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra** | A survey of techniques for software project effort estimation | Wireless Networks and Embedded Systems | Chitkara Institute of Engg and Technology, India | Oct | 2009 |

YEAR: 2008-2009						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	**Vivek Thapar,** Pankaj Bhambri	Context-Free Language Induction by Evolution of Deterministic Pushdown Automata Using Genetic Programming	Downtrend Challenges in IT	PCET, Badowal, India	May	2009
2	Pankaj Bhambri, **Vivek Thapar**	Power Distribution Challenges in VLSI: An Introduction	Downtrend Challenges in IT	PCET, Badowal, India	May	2009
3	**Jasbir Singh Saini,** Kulwinder Singh Mann, S.K.Singla	Information Modelling for Adaptive Management using DSS for Strengthening Rural Health Issues & Awareness	Downtrend Challenges in IT	PCET, Badowal, India	May	2009
4	Karamjit Kaur, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Performance Analysis of DWDM system with modulation format	wireless networks and embedded systems	Chitkara Institute of Engg and Technology, India	Oct	2008

5	Yogyata Gupta, **Sukhjit Singh Sehra, Sumeet Kaur Sehra**	Improved approach to phylogenetic tree construction and analysis	wireless networks and embedded systems	Chitkara Institute of Engg and Technology, India	Oct	2008
6	**Parvinder Singh Sandhu, Sumeet Kaur Sehra,** Karamjeet Kaur	Enhanced Character Based Algorithm for Small Parsimony	World Academy of Science, Engineering And Technology	Singapore	Aug	2008
7	**Jasbir Singh Saini**	Fuzzy Databases	World Academy of Science, Engineering and Technology	Vienna	Aug	2008

YEAR: 2007-2008						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	**Parvinder Singh Sandhu.** Porush Bassi, **Amanpreet Singh Brar**	Software Effort Estimation Using Soft Computing Techniques	World Academy of Science, Engineering and Technology	-	Jan	2008
2	Sandeep Khimta, **Parvinder Singh Sandhu, Amanpreet Singh Brar**	A Complexity Measure for Java Bean based Software Components	World Academy of Science, Engineering and Technology	-	Jan	2008

YEAR: 2006-2007						
S.No.	Author (s)	Title	Name of Conference	Venue	Month	Year
1	**Parminder Singh,** Gurpreet Singh Lehal	Text-To-Speech Synthesis System for Punjabi Language	Multidisciplinary Information Sciences & Technologies	Spain	Oct	2006