



International Multi-Track Conference on Sciences, Engineering and Technical Innovations: IMTC-15

Venue: Learning Resources- Lab (CTIEMT)

**Track 1: Computer Science Engineering/Information Technology/Electronics & Communication
Engineering**

Day 1: (22 May, 2015)

Time: (2.00 PM -3.30 PM)

Technical Session 1: (Software Engineering/Cloud Computing)

Session Chair : Dr Sandeep Sood, GNDU Regional Campus, Gurdaspur

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	A New Chaotic Pseudorandom Number Generator using Chaotic Logistic and Tent Map Functions	IMTC-T1-CSE-ECE-028	Tanu Wadhwa Department of Electronics and Communication Punjabi University, Patiala,Punjab Punjab, India	Oral
2.	Computational Intelligence Described by Swarm Intelligence and its Algorithms	IMTC-T1-CSE-ECE-035	Renu Nagpal BGIET, Sangrur, Punjab, India	Oral
3.	An Effective Proposed Approach to Round Robin Algorithm using Dynamic Time Quanta of Geometric-Harmonic Mean and its Performance Improvement Over Harmonic Mean Quanta	IMTC-T1-CSE-ECE-081	Jobanpreet Kaur Deptt. Of CSE Guru Nanak Dev University, Regional Campus Jalandhar, India	Oral



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4.	Implementing Data Mining Techniques for Churn Prediction and Analysis	IMTC-T1-CSE-ECE-109	Parmpreet Kaur Dept. of CSE, Guru Nanak Dev University RC, Jalandhar, India	Oral
5.	An Overview of Cloud Computing: Threats with Proposed Security Architecture Design	IMTC-T1-CSE-ECE-026	Bhawna Talwar CT Institution of Higher Studies Shahpur, Jalandhar, India	Oral
6.	Comparison of Simple Task Allocation Algorithm and Heuristic Based Model for Load Balancing in Cloud System	IMTC-T1-CSE-ECE-128	Ramandeep Kaur Deptt. Of CSE Shaheed Bhagat Singh State Technical Campus, Ferozepur, India	Oral
7.	Ant Colony Optimization Approach to Minimize Makespan Time of Job Shop Scheduling Problem	IMTC-T1-CSE-ECE-140	Geetinder kaur PTU, CTITR Jalandhar, India	Oral
8.	Data Mining Techniques Used for Thyroid Disease Prediction	IMTC-T1-CSE-ECE-082	Bhanu Priya Deptt. Of CSE Guru Nanak Dev University Amritsar, India	Oral
9.	Big Data in Health	IMTC-T1-CSE-ECE-122	Amita Sharma Deptt. of CSE CTIEMT, Shahpur Jalandhar, India	Oral
10.	Security Attacks at Network Layer in MANETs: A Review	IMTC-T1-CSE-ECE-069	Ramneet Chopra Deptt. of CSE CTITR Punjab, India	Oral



International Multi-Track Conference on Sciences, Engineering and Technical Innovations: IMTC-15

Venue: Seminar Hall (CTIEMT)

Track 1: Computer Science Engineering/Information Technology/Electronics & Communication Engineering

Day 1: (22 May, 2015)

Time: (2.00 PM -3.30 PM)

Technical Session 1: (Optical Communication)

Session Chair: Dr M L Singh, Department of Electrical Engineering, GNDU, Amritsar

Dr R S Kaler, Department of Electronics & Communication Engineering, Thapar University, Patiala

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Performance Investigation of Four Wave Mixing Effect on Multichannel/ High Bit Rate SDWDM Networks	IMTC-T1-CSE-ECE-136	Saru Arora Deptt. of ECE CTITR, Jalandhar	Oral
2.	Performance Analysis of OCDMA System using 1-D,2-D and 3-D Techniques- A Review	IMTC-T1-CSE-ECE-111	Amanpreet Kaur Dept. of ECE Guru Nanak Dev University Regional Campus, Jalandhar	Oral
3.	Performance Analysis of Inter-Satellite Optical Links at 8 Gbps	IMTC-T1-CSE-ECE-051	Meet Kumari Guru Nanak Dev University, Regional Campus Ladhewali Road, Jalandhar	Oral
4.	Comparative Analysis of VCSEL Laser and DFB Laser for CATV Transmission	IMTC-T1-CSE-ECE-066	Vineet Anand CTITR, Maqsudan	Oral



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Jalandhar				
5.	Channel Modeling and Modulation Techniques in Free Space Optical System	IMTC-T1-CSE-ECE-126	Harmeet Singh Department of Electronics and Communication technology, CT Institute of Technology, Jalandhar	Oral
6.	Comparative Analysis of Modulation Formats under Gigabit Passive Optical Networks	IMTC-T1-CSE-ECE-134	Manisha Kaura Deptt. of ECE CTITR, Jalandhar	Oral
7.	Efficiency Improvement of A-Priori Algorithm over Dense Databases	IMTC-T1-CSE-ECE-021	Shailja Vyas Deptt. of CSE Guru Nanak Dev University Amritsar, India	Oral
8.	Security Issues Concerning Next Generation of Cloud Computing and its Current Status	IMTC-T1-CSE-ECE-096	Shifali Katoch Deptt. of CSE Guru Nanak Dev University Regional Campus, Jalandhar	Oral
9.	Comparative Analysis of Core Schedulers of Hadoop	IMTC-T1-CSE-ECE-146	Sukhmani Goraya Deptt. of CSE CTIEMT Shahpur, Jalandhar, India	Oral
10.	Review on Mitigation of Cross Site Scripting Vulnerabilities for Secure Web Applications	IMTC-T1-CSE-ECE-020	Heena Malik Department of Computer Science and Engineering Guru Nanak Dev University Amritsar, India	Oral



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Venue: Auditorium

**Track 1: Computer Science Engineering/Information Technology/Electronics & Communication
Engineering**

Day 1: (22 May, 2015)

Time: (2.00 PM -3.30 PM)

Technical Session 1: (Image Processing)

Session Chair: Dr. Gurvinder Singh, Department of CSE, GNDU, Amritsar

Dr Rajneesh Randhawa, Department of Computer Science, Punjabi University, Patiala

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Scope of Hybrid Neuro-Fuzzy Approach in Improving Restoration of Degraded Historical Documents	IMTC-T1-CSE-ECE-095	Harshmani Deptt. of ECE CTPC Jalandhar, Punjab, India	Oral
2.	Identification of Organisms using DNA Barcodes	IMTC-T1-CSE-ECE-115	Sukhamrit Kaur Deptt. of CSE GNDU Regional Campus, Gurdaspur	Oral
3.	Contrast Enhancement Techniques Based on Histogram Equalization	IMTC-T1-CSE-ECE-083	Taranbir Kaur Deptt. of CSE CT Institute of Technology and Research Jalandhar, India	Oral
4.	ROI based Hough Transform for Lane Mark Detection	IMTC-T1-CSE-ECE-094	Manpreet Kaur Deptt. of Computer Science and Engineering CT Institute of Technology and Research Jalandhar, India	Oral



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5.	Evaluating the Effectiveness of Joint Trilateral Filter and Mix-CLAHE for Underwater Image Enhancement	IMTC-T1-CSE-ECE-088	Sonali Talwar Deptt. Of CSE DAV Institute of Engineering & Technology, Jalandhar, India	Oral
6.	Image Stegnography Based on Chaotic Encryption : Art of Hiding Data	IMTC-T1-CSE-ECE-023	Sharanjit Singh Deptt. of Computer science Guru Nank Dev University Gurdaspur, India	Oral
7.	To Minimize the Error Rate in Face Recognition System using DWT and LDA	IMTC-T1-CSE-ECE-114	Narpat Singh Department of CSE CTIEMT, Jalandhar, Punjab, India	Oral
8.	Real-Time Adiabatic Approach to LSM Based Segmentation	IMTC-T1-CSE-ECE-034	Navjot Kaur Deptt. of ECE CT Institute of Technology Jalandhar, Punjab	Oral
9.	In Degraded Color Edge Detection using HUE, PCA and Hybrid Canny	IMTC-T1-CSE-ECE-002	Gurpreet kaur Dept. of Electronics and Communication Engineering Amritsar College of Engineering and Technology Amritsar, Punjab, India	Oral
10.	Performance Comparison of Various Edge Detection Techniques	IMTC-T1-CSE-ECE-142	Saru Arora Deptt. of ECE CT Institute of Technology & research, Jalandhar, India	Oral



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Venue: Learning Resources- Lab (CTIEMT)

**Track 1: Computer Science Engineering/Information Technology/Electronics & Communication
Engineering**

Day 1: (22 May, 2015)

Time: (3.45 PM -5.30 PM)

Technical Session 2: (Software Engineering/Cloud Computing)

Session Chair: Dr H S Saini, Guru Nanak Institutions, Ibrahimpatnam

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	A Survey on Differential Evolution Approaches for Large Scale Optimization	IMTC-T1-CSE-ECE-080	Rachna Biala Computer Science Department Guru Nanak Dev University, RC Jalandhar, India	Oral
2.	Secure Hybrid Data Mining Approach in Cloud	IMTC-T1-CSE-ECE-132	Vijay kumar Department of Computer Science Punjab Technical University	Oral
3.	Applications of Chaotic Functions	IMTC-T1-CSE-ECE-102	Tanu Wadhwa Deptt. of ECE Punjabi University, Patiala, Punjab, India	Oral
4.	6th Sense: Wear Ur World-WuW	IMTC-T1-CSE-ECE-030	Gurdeep Kaur Department of CSE SBBSIET Jalandhar, Punjab	Oral



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5.	Student's Performance Prediction and Analysis using J48 Decision Tree Algorithm	IMTC-T1-CSE-ECE-110	Hardeep kaur Dept. of CSE GNDU Regional Campus Jalandhar, India	Oral
6.	The Internet of Things- A Review	IMTC-T1-CSE-ECE-108	Gurleen Kaur Deptt. Of CSE CTIEMT, Shahpur	Oral
7.	UML Class Model Comparison using Database Approach	IMTC-T1-CSE-ECE-058	Dhavleesh Rattan Department of Computer Engineering Punjabi University Patiala, India	Oral
8.	A Survey on Improvements in Classical Apriori Algorithm	IMTC-T1-CSE-ECE-038	Lovedeep Department of Computer Science & Engineering Guru Nanak Dev University Regional Campus, Jalandhar, India	Oral
9.	Computer Aided Artificially Intelligent Primary Medical Aid for Patients in Remote Areas	IMTC-T1-CSE-ECE-144	Virat Rehani CTIMIT, Jalandhar, India	Oral
10.	Study on Information Security Issues	IMTC-T1-CSE-ECE-016	Harwinder Kaur Deptt. of CSE SBBSIET Padhiana, India	Oral



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**Track 1: Computer Science Engineering/Information Technology/Electronics & Communication
Engineering**

Day 2: (23 May, 2015)

Time: (11.15 AM -1.00 PM)

Technical Session 1: (Antenna/VLSI/Digital/Analog)

Session Chair: Dr. Jyoteesh Malhotra, GNDU Regional Campus, Ladhewali, Jalandhar

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Effect of Orientation of Partitioning of State Diagram on Switching Activity in Digital Systems	IMTC-T1-CSE-ECE-006	Ishan Gupta Department of Electronics and Communication Engineering, Punjabi University, Patiala, Punjab, India	Oral
2.	A Compact UWB CPW fed Slotted Microstrip Antenna with Truncated Ground Plane	IMTC-T1-CSE-ECE-072	Nancy Gupta ECE, CTIEMT Jalandhar, India	Oral
3.	Comparison Analysis of Return Loss for Slot Loaded Microstrip Patch Antennas for Frequency Band 5-6 GHz	IMTC-T1-CSE-ECE-106	Jatinder Pal Singh Dept. ECE, CTIEMT, Shahpur Jalandhar, India	Oral
4.	Comparison between H-shape and E-shape Microstrip Antenna	IMTC-T1-CSE-ECE-127	Gurleen Kaur Dept. of Electronics and Communication Engineering CT Institute of Technology	Oral



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5.	A Survey on Comparison of Multiple Antennas Techniques for Wireless Communication	IMTC-T1-CSE-ECE-031	Preeti Sondhi Deptt. of ECE Guru Nanak Dev University Regional Campus, Jalandhar, Punjab, India	Oral
6.	Metamaterial Antenna- A Review	IMTC-T1-CSE-ECE-025	Rohini Vashisth Department Electronics & communication Engineering, RBCENTW, Hoshiarpur, India	Oral
7.	An Analysis on Synthetic Aperture Radar & its Applications	IMTC-T1-CSE-ECE-067	Rohit Deptt. of ECE Jalandhar, India	Oral
8.	High Frequency DDR SDRAM Controller with Improved Bandwidth using Virtex-6	IMTC-T1-CSE-ECE-063	Sandip Swarnakar ECE Department DIT University, Dehradun	Oral
9.	Study on Computer Generated Electromagnetic Effects on Computer Users &EMF Shielding	IMTC-T1-CSE-ECE-098	J. S. Rana Career Point University, Kota	Oral



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Venue: Auditorium

**Track 1: Computer Science Engineering/Information Technology/Electronics & Communication
Engineering**

Day 2: (23 May, 2015)

Time: (11.15 AM -1.00 PM)

Technical Session 1: (Wireless Network & Mobile Computing)

Session Chair: Dr. Ajay Sharma, Director, NIT ,Delhi

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Power Consumption Analysis of Static Wireless Sensor Networks with Different Modulation Techniques	IMTC-T1-CSE-ECE-032	Jatinder Pal Singh Deptt. of ECE, CT Institutions Jalandhar, Punjab, India	Oral
2.	CSPEGASIS: Centralized Sink Power Efficient Gathering in Sensor Information System	IMTC-T1-CSE-ECE-042	Parveen Kumar ECE Deptt SLIET University Sangrur, Punjab	Oral
3.	Evolution of Gi-Fi Technology in Wireless Networks	IMTC-T1-CSE-ECE-112	Dinesh Sharma Department of ECE CT Institutions Jalandhar, India	Oral
4.	Survey of Different Attacks on Wireless Sensor Networks - Roadmap	IMTC-T1-CSE-ECE-099	Mohit Angurala Dept. of Computer Science & Engineering Golden college of Engineering and Technology Gurdaspur, India	Oral
5.	Review of Proactive, Reactive and	IMTC-T1-CSE-ECE-010	Shruti Bajaj Department of CSE, CTIEMT	Oral



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Energy Efficient Protocols in MANETs		Jalandhar, India		
6.	An Failure Adaptive Energy Optimized Multi-Hop DLQAR Routing in WSN	IMTC-T1-CSE-ECE-131	Kulvir Singh Deptt. of Computer Sc. & Engg., Govt. Polytrchnic College Guru Teg Bhadur Garh, Moga, India	Oral
7.	Performance Comparison of AODV and DYMO under Battlefield Monitoring System using Random Waypoint Mobility Model	IMTC-T1-CSE-ECE-090	Ritu Saini Dept of CSE CTIEMT, Jalandhar, India	Oral
8.	RFID Technology Enables Self-Regulating Movement of Visually Impaired People	IMTC-T1-CSE-ECE-093	Gagandeep Jagdev Dept. of Comp. Science Punjabi University Guru Kashi College Damdama Sahib, Bathinda	Oral
9.	Comparison of Wireless Sensor Network Solar Energy Harvesting Techniques	IMTC-T1-CSE-ECE-022	Ramandeep Kaur Computer Science and Engineering CT Institute of Technology and Research Jalandhar, India	Oral
10.	Intrusion Detection Schemes in Wireless Sensor Networks-A Review	IMTC-T1-CSE-ECE-102	Tarun Jangwal Dept. Of CSE CTIEMT Jalandhar, India	Oral



International Multi-Track Conference on Sciences, Engineering and Technical Innovations: IMTC-15

Venue: Seminar Hall (CTIEMT)

**Track 1: Computer Science Engineering/Information Technology/Electronics & Communication
Engineering**

Day 2: (23 May, 2015)

Time: (11.15 AM -1.00 PM)

Technical Session 1: (Software Engineering/Cloud Computing)

Session Chair : Dr Geeta Sikka, Department of CSE, NIT, Jalandhar

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Metrics for Project Size Estimation in Software Engineering: A Review	IMTC-T1-CSE-ECE-060	Sonam Bhatia Dept. of CSE RC GNDU Jalandhar	Oral
2.	A Review of Address Allocation Schemes in MANET	IMTC-T1-CSE-ECE-071	Manpreet kaur Computer Science and Engineering CTITR, Maqsudan Jalandhar, India	Oral
3.	A Review: Biogeography Based Optimization	IMTC-T1-CSE-ECE-078	Anchal Deptt. Of CSE Guru Nanak Dev University,Regional Campus Jalandhar,india	Oral
4.	The Future of IT Outsourcing & Cloud Computing	IMTC-T1-CSE-ECE-	Parul Mohindru Department of Computer Science & IT	Oral

		125	CT Institutions Jalandhar	
5.	Web Data Security in E-commerce Against Various Vulnerabilities	IMTC-T1-CSE-ECE-059	Rupica Puri CSE Department GNDU RC Jalandhar	Oral
6.	Locating the Best Way of Face Recognition	IMTC-T1-CSE-ECE-062	Gurpreet Kaur Deptt. of Computer Science CT Polytechnic College Jalandhar, India	Oral
7.	A Comparative Study of Load Balancing Algorithms in Cloud Computing	IMTC-T1-CSE-ECE-138	Amanpreet Chawla Deptt. of CSE SBSSTC, Ferozepur, Punjab, India	Oral
8.	A Review Paper on Steganographic Techniques	IMTC-T1-CSE-ECE-037	Manjinder Kaur Department of Computer Science Guru Nanak Dev University, Regional Campus Jalandhar, India	Oral
9.	A Review on Peak-to-Average Power Ratio	IMTC-T1-CSE-ECE-036	Pratham Dhawan Electronics and Communication Department Guru Nanak Dev university Regional Campus Jalandhar, India	Oral
10.	A Review and Comparison of Various Classification Techniques in Data Mining	IMTC-T1-CSE-ECE-076	Vanita Sarwal CTIMIT Punjab, India	Oral



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Venue: Learning Resources- Lab (CTIEMT)

**Track 1: Computer Science Engineering/Information Technology/Electronics & Communication
Engineering**

Day 2: (23 May, 2015)

Time: (1.00 PM -2.15 PM)

Technical Session 1: (Wireless Network & Mobile Computing)

Session Chair: Dr. Jagjit Singh Malhotra, Deptt. of ECE, DAVIET, Jalandhar

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Effect of Time to Live (TTL) to Epidemic, Prophet, Spray and Wait Routing Protocols for Delay Tolerant Networks	IMTC-T1-CSE-ECE-086	Vijay Kumar Samyal Dept. of CSE MIMIT, Malout India	Oral
2.	Performance Analysis of Classical Cooperative Communication using Amplify and Forward Protocols	IMTC-T1-CSE-ECE-101	Vikas Anand E.C.E Department CTIEMT Punjab, India	Oral
3.	Review of Network Layer Unicast Routing Protocols based on Link Stability in MANETs	IMTC-T1-CSE-ECE-070	Sanchita Deptt.of CSE CT institute of Technology and Research Punjab, India	Oral
4.	Study of Impact of Nodes Failure on VoIP over WiMAX Network using Voice codecs G711	IMTC-T1-CSE-ECE-057	Jinia Dept of CSE Bathinda, India	Oral



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5.	Ant colony Algorithm Based Solution for Model of VRP	IMTC-T1-CSE-ECE-040	Sourabh Joshi Dept. of computer science engineering CTITR Jalandhar, India	Oral
6.	Technical Study: Attack and Security Issues in Wireless Networking	IMTC-T1-CSE-ECE-017	Jasmeet Saini Department Of CSE SBBSIET	Oral
7.	Comparative Study on Network Layer Protocols for Wireless Sensor Networks: A Survey	IMTC-T1-CSE-ECE-107	Varsha Sahni Deptt. of Computer Science and Engineering CTIEMT Jalandhar, Punjab	Oral
8.	Development of Maximum Power Point Tracking Algorithm: A Review	IMTC-T1-CSE-ECE-044	Mamta Thakur DAV Institute of Engineering and Technology Jalandhar ,Punjab	Oral
9.	A Survey on Energy Aware Protocols for WSN	IMTC-T1-CSE-ECE-102	Jasmeet Kaur ECE Deptt. Guru Nanak Dev University, RC Jalandhar, India	Oral
10.	Image Noise Models and Filtering Techniques: A Survey	IMTC-T1-CSE-ECE-135	Harsukhpreet Singh Deptt. of ECE CTITR, Jalandhar	Oral
11.	Hierarchical Routing Protocols in Wireless Sensor Networks- A Survey	IMTC-T1-CSE-ECE-146	Gullagong Hans Raj MahilaMahaVidyalaya Jalandhar, Punjab	Oral



International Multi-Track Conference on Sciences, Engineering and Technical Innovations: IMTC-15

Venue: Reception Hall (Auditorium)

**Track 1: Computer Science Engineering/Information Technology/Electronics & Communication
Engineering**

Day 1 & 2 : (22nd and 23rd May, 2015)

Time: (9:00AM-5:30PM)

Technical Session 3: (Poster Presentation)

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Low Voltage and High Gain Double Gate MOSFET based OTA	IMTC-T1-CSE-ECE-121	Amit Sharma Department of C.Sc DAV College, Jalandhar	Poster
2.	Performance Investigation of OFDMA System under Multiuser Environment	IMTC-T1-CSE-ECE-124	Ramandeep Singh Deptt.of ECE CTIEMT, Jalandhar, India	Poster
3.	Overview of Various Transformation Functions For Medical Image Registration	IMTC-T1-CSE-ECE-105	Kiwi Mahajan CSE/IT Department CTIEMT, Shahpur Jalandhar, India	Poster
4.	Classification Variant Analysis in Data Mining	IMTC-T1-CSE-ECE-117	Ramandeep Kaur Deptt.of CSE CTIEMT Punjab, India	Poster
5.			Vikas Khullar	



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	A Proposed Add-on “PBIN” to Reduce the Risk of Online Card Based Payment Fraud	IMTC-T1-CSE-ECE-104	Computer Science and Engineering CT Institute of Engineering Management and Technology Shahpur, Jalandhar	Poster
6.	Data Aggregation Schemes for Wireless Sensor Networks	IMTC-T1-CSE-ECE-123	Priya Dept. of CSE CTIEMT Jalandhar, India	Poster
7.	Clustering: A Review on Data Mining Approach	IMTC-T1-CSE-ECE-116	Kiranpreet Deptt. of CSE CTIEMT Jalandhar (India)	Poster
8.	Highway Propagation Modeling using DYMO, FSR & GSR under VANET’s	IMTC-T1-CSE-ECE-009	Gurminder Kaur Deptt. of CSE/IT CTIEMT Shahpur, Jalandhar	Poster
9.	Systematic Review on Soft Computing: A Brief Case Study	IMTC-T1-CSE-ECE-100	Harjot Kaur CSE Department CTIEMT Jalandhar , India	Poster
10.	Review on Software Quality and Quality Assurance System	IMTC-T1-CSE-ECE-113	Sonika Department of Computer Applications CTIEMT, Jalandhar	Poster
11.	Rectangular Dielectric Resonator Antenna with Varactor Diode	IMTC-T1-CSE-ECE-121	Garima Bakshi Ansal University, Gurgaon	Poster
12.	Comparative Analysis of Text	IMTC-T1-CSE-ECE-	Sultana Kadri	



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	Detection in Images	120	Dept. of Computer Science & Engineering CTIEMT, Jalandhar, Punjab	Poster
13.	Association Rule Mining: A Review	IMTC-T1-CSE-ECE-118	Sourabh Sahota Dept. of CSE CT Institute of Engg., Mgt & Tech, Jalandhar (India)	Poster
14.	Comparative Analysis of Balanced Energy Efficient Protocols for WSNs	IMTC-T1-CSE-ECE-129	Ankur Chauhan Dept. of CSE CTIEMT Jalandhar, India	Poster
15.	Implementation of 64 Bit CRC for 3G Using Parallel Execution	IMTC-T1-CSE-ECE-130	Narinder Pal Singh Department of ECE CTIEMT, Jalandhar, India	Poster