



International Conference on Sciences, Engineering  
& Technical Innovation  
(ICSETI-16)  
June 3 & 4, 2016  
CT GROUP OF INSTITUTIONS, JALANDHAR (PUNJAB), INDIA

## Venue: Conferences Hall CTIT

### Track 1: Mechanical Engineering/Civil Engineering /Electrical Engineering/ Architecture

Day 2: (June 3, 2016)

Time: (02:00PM – 05:30PM)

### Technical Session 1: (Electrical Engineering)

#### Session Chair:

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Contemporary Optimization Algorithm for Unit Commitment Problem- A Review of Literature	ICSETI-T1-EE-001	Maninder Kaur Department of Electrical Engineering CT Group of Institutions	Oral
2.	Aquatic Exploration and Electricity for Sustainess of Life	ICSETI-T1-EE-002	Bahadur Singh Department of Electrical Engineering CT Group of Institutions	Oral
3.	History of Human Pulmonary Blood circulation and Numerical Solution of Model	ICSETI-T1-EE-003	Rajesh Kumar Department of Electrical Engineering CT Group of Institutions	Oral
4.	Power System Stability Improvement by FACTS Devices	ICSETI-T1-EE-005	Jaspreet Singh Department of Electrical Engineering CT Group of Institutions	Oral
5.	Power Upgrading of Transmission Line by Combining AC–DC Transmission	ICSETI-T1-EE-006	S.S Matharu Department of Electrical Engineering CT Group of Institutions	Oral
6.	Power Quality Conditioner of Distributed Generation System using Ultracapacitor based STATCOM	ICSETI-T1-EE-007	Sonam Jain Department of Electrical Engineering CT Group of Institutions	Oral



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7.	Hybrid Power Generation System with Solar and Wind Energy Modal on MATLAB	ICSETI-T1-EE-008	Harkamal Preet Pal Singh Ubhi Department of Electrical Engineering CT Group of Institutions	Oral
8.	Study and Scope of Fibre Optics in Power System	ICSETI-T1-EE-009	Varun Chauhan Department of Electrical Engineering CT Group of Institutions	Oral
9.	Optimal DG Placement in Distribution System to Maximize Power Loss Reduction and Voltage Stability Index	ICSETI-T1-EE-010	Damanjeet Kaur Department of Electrical Engineering CT Group of Institutions	Oral
10.	Evaluation of Saturated Magnetic Reactance and Generated Frequency of SEIG using soft Computing Tools	ICSETI-T1-EE-011	Ashish Sharma Department of Electrical Engineering CT Group of Institutions	Oral
11.	Classification of SSVEP Based Brain Signals Using Discrete Wavelet Transform	ICSETI-T1-EE-012	Taranpreet Singh Talwar Department of Electrical Engineering CT Group of Institutions	Oral
12.	Minimizing the 11 kV Feeder Loss by Different Aspects – A Review	ICSETI-T1-EE-013	Rahul Sharma Department of Electrical Engineering CT Group of Institutions	Oral



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## Venue: Lecture Hall 10 (CTIT)

### Track 1: Mechanical Engineering/Civil Engineering /Electrical Engineering/ Architecture

Day 1: (June 3, 2016)

Time: (02:00PM – 05:30PM)

### Technical Session 2: (Civil Engineering/Architecture)

#### Session Chair:

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Compressive and Split Tensile Strength of concrete with partial replacement of cement by Marble Dust-A Review	ICSETI-T1-CE-001	Sanjeev Kumar Ranga Department of Civil Engineering CT Group of Institutions	Oral
2.	Dynamic Analysis of Infilled RC Frame Structure Subjected to Blast Loading as per IS 4991-1968.	ICSETI-T1-CE-002	Preet Pal Singh Department of Civil Engineering CT Group of Institutions	Oral
3.	Experimental Study on Strength of Concrete by using RICE Husk Ash with Jute	ICSETI-T1-CE-003	Amit Kumar Department of Civil Engineering CT Group of Institutions	Oral
4.	Non Traditional Stabilizer's Effect on Permeability	ICSETI-T1-CE-005	Anoop Singh Department of Civil Engineering CT Group of Institutions	Oral
5.	A Case study on Traffic Volume Analysis of BSF Rotary in Jalandhar city	ICSETI-T1-CE-006	Ipandeep Singh Department of Civil Engineering CT Group of Institutions	Oral



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<b>6.</b>	Utilization of Waste Crushed Tiles as Coarse Aggregates in Cement Concrete	<b>ICSETI-T1-CE-007</b>	KAMAL JIT Department of Civil Engineering CT Group of Institutions	<b>Oral</b>
<b>7.</b>	Artificial Neural Networks for Shear Strength Prediction of RCC Beams without Web Reinforcement	<b>ICSETI-T1-CE-008</b>	Hardev Singh Department of Civil Engineering Guru Nanak Dev Engineering College	<b>Oral</b>
<b>8.</b>	Comparative Study of RC Strengthened Beams Using ANSYS	<b>ICSETI-T1-CE-009</b>	Amritpal Kaur Department of Civil Engineering, Guru Nanak Dev Engineering College	<b>Oral</b>
<b>9.</b>	Colonial Architecture-Rethinking Indo Sarcenic Architecture in India	<b>ICSETI-T1-ARCH-01</b>	Shruti H.Kapur CT Institute of Architecture and Planning	<b>Oral</b>
<b>10.</b>	Cultural Influence in Color and Form	<b>ICSETI-T1-ARCH-02</b>	Naina Malhotra CT Institute of Architecture and Planning	<b>Poster</b>
<b>11.</b>	Features of Rural Architecture	<b>ICSETI-T1-ARCH-03</b>	Naina Malhotra CT Institute of Architecture and Planning	<b>Oral</b>
<b>12.</b>	Industrial Revolution-A Transition for or against Mission of Arts and Crafts Movement	<b>ICSETI-T1-ARCH-04</b>	.Shruti H.Kapur CT Institute of Architecture and Planning	<b>Poster</b>
<b>13.</b>	Futuristic Graveyards	<b>ICSETI-T1-ARCH-05</b>	Mohammad Laraib Ahmad CT Institute of Architecture and Planning	<b>Oral</b>
<b>14.</b>	An Analysis of Morphology of Porbandar Town	<b>ICSETI-T1-ARCH-06</b>	Neeraja Desai CT Institute of Architecture and Planning	<b>Oral</b>



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Day 2: (June 4, 2016)

Time: (11:30AM – 12:30PM)

### Technical Session 3: (Mechanical Engineering)

Session Chair :

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	An Experimental Analysis for Thermal and Thermohydraulic Performance of Double Pass Solar Air Heater having W-shaped Artificial Roughness on Absorber Plate	ICSETI-T1-ME-001	Kunwer Sandeep Singh Department of Mechanical Engineering CT Group of Institutions	Oral
2.	Effect of Varying Welding Current with Constant Voltage on the Hardness of the Weld Bead of similar or different Materials	ICSETI-T1-ME-003	Sunil Kumar Department of Mechanical Engineering CT Group of Institutions	Oral
3.	Optimization using Taguchi Method in solving Industrial Problems by Controlling Wear in Industrial Valves	ICSETI-T1-ME-009	Balpreet Singh Department of Mechanical Engineering DAVIET, Jalandhar	Oral
4.	Characterizing Energy Consumption for the Turning Process	ICSETI-T1-ME-011	Prince Pal Singh Department of Mechanical Engineering CT Group of Institutions	Oral



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5.	Optimization of Machining Characteristics for MRR in turning of Al 6061 Hybrid Metal Matrix Composite using RSM	ICSETI-T1-ME-012	Ajay Kumar Department of Mechanical Engineering CT Group of Institutions	Oral
6.	Optimization of Cylindrical Grinding Parameters on Material Removal Rate of C40E Steel using Taguchi Technique.	ICSETI-T1-ME-014	Naresh Kumar Department of Mechanical Engineering CT Group of Institutions	Oral
7.	High Temperature Failure of Alloys	ICSETI-T1-ME-018	Harminder Singh Guru Nanak Dev University Regional Campus, Jalandhar	Oral
8.	Design and Optimization of Inertial Loading/Unloading Cart for Goods Carrying Wagons	ICSETI-T1-ME-006	Kunwer Sandeep Singh Department of Mechanical Engineering CT Group of Institutions	Oral
9.	Surface Roughness Optimization of Uncoated Carbide Inserts in Dry Hard Turning of EN-31 steel	ICSETI-T1-ME-004	Sunil Kumar Department of Mechanical Engineering CT Group of Institutions	Oral



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Day 1: (June 4, 2016)

Time: (11:30AM – 12:30PM)

### Technical Session 4: (Mechanical Engineering)

Session Chair :

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Modern Lubrication Strategies in Metal Cutting- A Review	ICSETI-T1-ME-002	Harjaskirat Singh Department of Mechanical Engineering CT Group of Institutions	Oral
2.	Recent Advancements in Coated Cutting Tools- A Review	ICSETI-T1-ME-005	Surinder Singh Department of Mechanical Engineering CT Group of Institutions	Oral
3.	A Review Paper on Impact of TPM (Total Productive Maintenance) in Manufacturing Industry	ICSETI-T1-ME-007	Mohit Handa, Department of Automobile Engineering CT Group of Institutions	Oral
4.	Reduction in Peddling Effort While Riding Bicycle Using KERS	ICSETI-T1-ME-008	Davinder Singh Department of Mechanical Engineering CT Group of Institutions	Oral
5.	Study of Post Weld Heat Treatment to Improve the Hardness & Impact Strength of SS 304 in TIG Welding	ICSETI-T1-ME-010	Satish Bhatti Department of Mechanical Engineering CT Group of Institutions	Oral





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<b>6.</b>	The Strategic Development of Green Supply Chain Management: A Survey	<b>ICSETI-T1-ME-013</b>	Manish Nagpal Department of Mechanical Engineering CT Group of Institutions	<b>Oral</b>
<b>7.</b>	Effect of Number of Circular Holes on Natural Frequency of Transverse Vibration of Beam using ANSYS	<b>ICSETI-T1-ME-015</b>	Amandeep Singh Department of Mechanical Engineering CT Group of Institutions	<b>Oral</b>
<b>8.</b>	Design and Analysis of Automotive Bumper Using Composite Material	<b>ICSETI-T1-ME-016</b>	Rishu Dhiman Department of Automobile Engineering CT Group of Institutions	<b>Oral</b>
<b>9.</b>	Chronic Obstructive Pulmonary Disease (COPD) Severity in Workers of Manufacturing Industry: A Case Study	<b>ICSETI-T1-ME-019</b>	Munish Digra Department of Mechanical Engineering CT Group of Institutions	<b>Oral</b>