



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

Venue: CONFERENCE HALL (CTIEMT)

Track 5: Pharmacy, Biotechnology, Agriculture sciences & Applied Sciences

Day 1: (June 3, 2016)

Time: (2.00 PM -3.30 PM)

Technical Session 1: (Pharmaceutics & Pharmacology)

S.No.	Paper Code	Title of Paper	Author(s) Affiliation	Oral/poster
1.	ICSETI-T5-PH-001	Recent advancements in tablet technology	Ankit verma , Department of pharmaceutics, CTIPS, Shahpur, Jalandhar, India	Oral
2.	ICSETI-T5-PH-002	Dendrimers: A glance of Journey from proof of concept to market	Surya Prakash Gautam* Department of Pharmaceutics, CT institute of pharmaceutical sciences, shahpur. jalandhar,	Oral
3.	ICSETI-T5-PH-003	Quality by Design (QbD) Approach for Pharmaceutical Formulation	Narinder Singh* Department of pharmaceutics, CT Institute of Pharmaceutical Sciences, Shahpur. Jalandhar	Oral
4.	ICSETI-T5-PH-004	Synthesis of 3-4, dihydropyrimidinones using metal catalysts and comparison for better yield	Monika Sharma Department of Applied Sciences, Chandigarh Engineering College	Oral



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Landran , Mohali ,India.

5.	ICSETI-T5-PH-005	A REVIEW ON MICROSPHERES AS DRUG DELIVERY SYSTEM	Harjaskaran*, Department of pharmaceutics, CT Institute of Pharmaceutical Sciences, Shahpur. Jalandhar,	Oral
6.	ICSETI-T5-PH-006	Methods for Phytochemical Analysis of Plants	Shalu Rani Deptt of Pharmaceutics, CT Institute of Pharmaceutical Sciences, Jalandhar, Punjab, India.	Oral
7.	ICSETI-T5-PH-007	Role Of Herbal Plants In Diabetes Mellitus	Reeta Devi Department of Pharmacology, CTIPS, Shahpur. Jalandhar, India	Oral
8.	ICSETI-T5-PH-008	Mechanism Of Calcium Oxalate Stone Formation	Parul Salwan, Department of Pharmacology,CTIPS, Shahpur, Jalandha,India	Oral
9.	ICSETI-T5-PH-009	A Review on Floating Drug Delivery System (Fdds)	Lovepreet Singh Department of pharmaceutics, CT Institute of Pharmaceutical Sciences, Shahpur. Jalandhar,-	Oral
10.	ICSETI-T5-PH-010	Mechanism of Alloxan Induced Diabetes	Gagandeep Department of Pharmacology CT Institute of Pharmaceutical Sciences, Jalandhar, India,	Oral



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11.	ICSETI-T5-PH-011	Mechanism of Methotrexate Induced Hepatotoxicity and Protective effect of Herbal Drugs	Nisha Taheam ,CT Institute of Pharmaceutical Sciences, M.Pharmacy Pharmacology,Jalandhar,India	Oral
12.	ICSETI-T5-PH-012	Therapeutic Approaches of Diabetic Nephropathy	BhatAbid, Department of Pharmacology, CT Institute of Pharmaceutical Sciences, Jalandhar (Punjab), India	Oral
13.	ICSETI-T5-PH-013	Blood Purifier	Shaina Kalsi CT Institute Of Pharmaceutical Sciences Shahpur, Jalandhar	Oral
14.	ICSETI-T5-PH-014	Recent advances in treating Inflammatory bowel diseases	Sukhbir Kaur Department of Pharmaceutics CT Institute of Pharmaceutical Sciences, Shahpur, Jalandhar, Punjab, India.	Oral
15.	ICSETI-T5-PH-041	Plant growth regulators	Nirupma Sood Assistant Professor, Department Of Chemistry, Khalsa College For Women, Civil Lines , Ludhiana.	Oral
16.	ICSETI-T5-AS-070	Measurements Of BTEX In The Vicinity Of Roadside At Gorakhpur,	Amit Masih and Anurag S. Lall, Department of Chemistry, St. Andrew's College, Gorakhpur, India	Oral



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| 17. | ICSETI-T5-AS-072 | Laboratory Biodegradation study of some Carcinogenic Polycyclic Aromatic Hydrocarbons under aerobic conditions | Vaneet Kumar,
CT Group of Institutions,
Jalandhar | Oral |
| 18. | ICSETI-T5-AS-065 | Sustainability of Earth by Green Energy- A Review | Rajeev Kumar
CT Group of Institutions,
Jalandhar | Oral |



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Track 5: Pharmacy, Biotechnology, Agriculture sciences & Applied Sciences

Day 1: (June 3, 2016)

Time: (3.30 PM -5.30 PM)

Technical Session II: (Pharmaceutical Chemistry)

S.No.	Paper Code	Title of Paper	Author(s) Affiliation	Oral/poster
1.	ICSETI-T5-PH-015	Synthesis of 1-Phenyl-2-(1,4,5-triphenyl-1H-imidazol-2-yl) diazene de-rivatives under microwave irradiations	Anshul Chawla*, VK Kapoor *CT Institute of Pharmaceutical Sciences, Jalandhar GHG Khalsa College, Gurusar Sadhar, Ludhiana	Oral
2.	ICSETI-T5-PH-016	Characterization of PAMAM Dendrimers By FTIR	Amanjot Deptt of Pharmaceutics, CT Institute of Pharmaceutical Sciences, Jalandhar, Punjab, India.	Oral
3.	ICSETI-T5-PH-017	Ethanobotany, Phytochemistry and Pharmacological effects of Coriandrum sativum (Umbelliferaea): a Review	Priyanka Department of Pharmacology CT Institute of Pharmaceutical Sciences Jalandhar, India	Oral



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4.	ICSETI-T5- PH-018	Exploiting the Role of Hydrogen Sulphide to Improve the Therapeutic Profile of NSAIDs – A Novel Approach	Milanpreet Kaur, RamandeepKaur, Rajeev Kharb CT Institute of PharmaceuticalSciences, Jalandhar-144020,Punjab, India.	Oral
5.	ICSETI-T5- PH-019	Withania somnifera and its Medicinal properties	Mandeep Kataria and Sonali Department of Biotechnology, CT Institute of Pharmaceutical Sciences, Shahpur, Jalandhar	Oral
6.	ICSETI-T5- PH-020	Catalase- An Industrial Important Enzyme	Mandeep Kataria Department of Biotechnology, CT Institute of Pharmaceutical Sciences, Shahpur, Jalandhar	Oral
7.	ICSETI-T5- PH-021	Water Analysis And Arsenic Detection In Hand Pump Samples Of Moga District	Mandeep Sidhu, Research Scholar Department of Biotechnology, Gagra , PTU, Kapurthala, Punjab,	Oral
8.	ICSETI-T5- PH-022	SYNTHESIS AND BIOLOGICAL EVALUATION OF 2-ARYL - 6, 7-DIFLUOROPHENYL-1,3,4-OXADIAZOLO (3,2-a) (1,3,5)-TRIAZINE-5-(6H,7H)- THIONES	Kiran Mishra Department of Applied Sciences, Chandigarh Engineering College, CGC, Landran, Mohali-140307, (Punjab)	Oral
9.	ICSETI-T5- PH-023	Analysis of dynamic and farmer's knowledge based on Selected agricultural proverbs of Punjab	Palvi Samrol Assistant professor, Department of Punjabi	Oral



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		CT Institute of Higher Studies, Jalandhar		
10.	ICSETI-T5- PH-024	Targeted Therapies Of Cancer	Ramandeep Kaur Department of Pharmachemistry CT Institute of Pharmaceutical Sciences, Shahpur, Jalandhar, Punjab, India.	Oral
11.	ICSETI-T5- PH-025	A review on Stevia Rebaudiana: To improve the quality of its sweetness	Radhika Vashisht CT Institute of Pharmaceutical Sciences, Jalandhar, Punjab, India.	Oral
12.	ICSETI-T5- PH-026	Implementation of ventilator associated pneumonia (VAP)bundle in adult ICU reduces mortality rate	Jasmine Shrivastav Medical lab technology,CT group of Institute Shahpur, jalandhar, India	Oral
13.	ICSETI-T5- PH-027	Organophosphatase Hydrolase -The enzyme for Pesticide Degradation	Rupinder Chana1 1Department of MLS 1CT Institute of Pharmaceutical Sciences Jalandhar, Punjab, India	Oral
14.	ICSETI-T5- PH-028	Streptozotocin Induced Diabetes Mellitus And Its Herbal Management	Savita Kumari Department of Pharmacology, CTIPS, Shahpur. Jalandhar, India	Oral



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15. ICSETI-T5- PH-029	Mechanism Of Ethanol Induced Hepatotoxicity	Rubina Sharma Department of Pharmacology, CTIPS, Shahpur. Jalandhar, India	Oral
16. ICSETI-T5- PH-030	Stem cells as Future perspective For Diabetes Mellitus: A Review	Neha Dept of Biotechnology CT Institute of Pharmaceutical Sciences Jalandhar, Punjab, India	Oral
17. ICSETI-T5- PH-031	Evaluation Of Different Quality Parameters In Graded Barley Malt	Mudasir Yaqoob, Department of food science & technology, Technology PAU Ludhiana india	Oral



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Track 5: Pharmacy, Biotechnology, Agriculture sciences & Applied Sciences

Day 1 & 2: (June 4, 2016)

Time: (11:30AM-12:30PM)

Technical Session III: (Biotechnology& Herbal research)

S. No.	Paper Code	Title of Paper	Author(s) Affiliation	Oral/Poster
1.	ICSETI-T5- PH-032	Afforestation by Butea monosperma : A remedial measure for wastelands in arid and semi arid regions	Nidhi Mahendru Dept of Biotechnology, CT Institute of Pharmaceutical Sciences, Jalandher, India *	Poster
2.	ICSETI-T5- PH-033	Herbal Remedies For Anxiety	Ravneet Kaur Josan Department of Pharmacology CT Institute of PharmaceuticalSciences Jalandhar, India	Poster
3.	ICSETI-T5- PH-034	Models for the evaluation of new drugs for hepatotoxicity	Magray Rouf Ahmad Department of Pharmacology CT Institute of Pharmaceutical Sciences Jalandhar, India	Poster



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4.	ICSETI-T5- PH-035	Animal Models of Hypothyroidism	Arshvir Kaur Department of Pharmacology CT Institute of Pharmaceutical Sciences Jalandhar, India	Poster
5.	ICSETI-T5- PH-036	Herbal Medication for Contrast Induced Nephropathy	Neha Department of Pharmacology CT Institute of Pharmaceutical Sciences Jalandhar, India	Poster
6.	ICSETI-T5- PH-037	Impact of Soil Pollution on Nutrient Quality of Wheat (Triticum aestivum) A case study	Navdeep Sidhu Department Of Biotechnology CT Institute of Pharmaceutical Sciences Shahpur, Jalandhar	Poster
7.	ICSETI-T5- PH-038	Analysis of Soil near drains around Jalandhar	Navdeep Sidhu Department Of Biotechnology CT Institute of Pharmaceutical Sciences Shahpur, Jalandhar	Poster
8.	ICSETI-T5- PH-039	Possible Mechanism of Mercuric Chloride Induced Nephrotoxicity and Protective Effect of Herbs	Surekha, Department of Pharmacology CT Institute of Pharmaceutical Sciences, Jalandhar, India	Poster
9.	ICSETI-T5- PH-040	Drug Induced Nephrotoxicity	Amit Barwal Dept. of Pharmacology, CT Institute of Pharmaceutical Sciences,	Poster



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Jalandhar, India

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| 10. | ICSETI-T5-
PH-042 | Establishing Link between
Type2 Diabetes Mellitus and
Alzheimer's Disease | Nisha Gupta
Department of Pharmacology Khalsa
College of Pharmacy, Amritsar,
Punjab. 144003 | Poster |
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Venue: CTIT, Seminar Hall

Track 5: Pharmacy, Agriculture & Applied Sciences

Day 2: (June 4, 2016)

Time: (11:30PM- 12:30PM)

Technical Session 2: (Physics & Mathematics)

Session Chair :

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	F ₀ symmetry and identical spectra of SD nuclei in A=190 mass region	ICSETI-T5-AS-055	Honey Sharma, CT Group of Institutions, Jalandhar	Oral
2.	A ^{5/3} Dependence of Moment of Inertia on Mass Number of Superdeformed Bands	ICSETI-T5-AS-056	Neha Sharma, CT Group of Institutions, Jalandhar	Oral
3.	Study of electrical conductivity of ternary Ge-Sn-Se chalcogenide thin films by the Sb additions	ICSETI-T5-AS-064	Surbhi Sharma CT Group of Institutions, Jalandhar	Oral
4.	Assessment of Health Risks from Uranium Concentration in Drinking Water	ICSETI-T5-AS-068	Komal Badhan, SGGS Khalsa College, Mahilpur	Oral
5.	Finite Difference Scheme For Mhd Flow Over A Linearly Stretched Sheet With	ICSETI-T5-AS-051	Pawanpreet Kaur Lyallpur Khalsa College of Engineering,	Oral



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Thermal Radiation

Jalandhar

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| 6. | Finite Element Method of Non-Newtonian Behaviour of Blood on Pulsatile Flows in Stenosed Arteries with magnetic effects | ICSETI-T5-AS-052 | Anil Kumar,
Chandigarh Engineering College, Landran,
Mohali, Punjab | Oral |
| 7. | Mathematical study and Stability Analysis of a Prey-Predator Model with Third order Interaction | ICSETI-T5-AS-053 | Anil Kumar and SP Agrawal,
Chandigarh Engineering College, Landran,
Mohali, Punjab | Oral |
| 8. | Numerical Solution Of Diffusion Equations With Wavelets | ICSETI-T5-AS-071 | Inderdeep Singh, Research Scholar, NIT
Jalandhar | Oral |
| 9. | Application Of Numerical Methods To Impulsive Differential Equations | ICSETI-T5-AS-069 | Rashmi Tiwari,
CT Group of Institutions, Jalandhar | Oral |



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Track 5: Pharmacy, Agriculture & Applied Sciences

Day 1 & 2 : (June 3 & 4, 2016)

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

Technical Session 4: (Poster Presentation)

S. No.	Title of Paper	Paper Code	Author(s) Affiliation	Oral / Poster Presentation
1.	Systematic study of kinematic and dynamic moment of inertia of SD bands in A=60, 80 mass region	ICSETI-T5-AS-061	Honey Sharma, CT Group of Institutions	Poster
2.	A Review Of Application Of Engineering And Environmental Geophysics	ICSETI-T5-AS-066	Rajni Devi, CT Group of Institutions	Poster
3.	Applications of Mathematics in Engineering and Technology: A Review	ICSETI-T5-AS-054	Rajdeep Kaur, CT Group of Institutions	Poster
4.	An approach to enhance the security using Mathematical Concepts (Venn Diagrams and Graph Theory	ICSETI-T5-AS-057	Shaifalika Tripathi, CT Group of Institutions	Poster
5.	SIRS Model for Spread of Swine Flu in a		Ravikanta, CT Group of Institutions	Poster



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	Homogenous Network	ICSETI-T5-AS-063		
6.	Mathematical model for endemic spreading of Ebola Virus	ICSETI-T5-AS-067	Sonia Mahajan, CT Group of Institutions	Poster
7.	Silence - The Voracious Speaker	ICSETI-T5-AS-059	Simerjit Kaur, Sangeeta Matharoo, Deepa Katyal, CT Group of Institutions, Jalandhar	Poster
8.	Communication Skills- An Art to Communicate with Confidence and Charisma	ICSETI-T5-AS-060	Jatinder Kaur Ubhi and Shalika Sharma, CT Group of Institutions, Jalandhar	Poster
9.	Saussure and Structuralism: Moving on the Periphery of Decentralisation	ICSETI-T5-AS-073	Amit Sharma CT Group of Institutions, Jalandhar	Poster
10.	Beyond Violence: Tragedy Of Women Through Forcible Communion	ICSETI-T5-AS-074	Vikrant Rehani, CT Group of Institutions, Jalandhar	Poster
11.	Role of a Teacher to bring creativity in a Diverse student-group using Tactics and Technology	ICSETI-T5-AS-075	Ashwani Rana, Research Scholar, JJTU, Rajasthan	Poster
12.	Solution of Integro-differential Equation with HPTM using He's Polynomial	ICSETI-T5-AS-058	Gurinder Singh Cheema, CT Group of Institutions, Jalandhar	Poster