



SLIET-I-CON-2020

International Conference on Advances in Chemical, Food and Bio-process Technology

Feb. 26th - 29th 2020

ACFBT-2020



Sant Longowal Institute of Engineering and Technology
Deemed to be University
(CFTI under MHRD, Government of India)
Longowal, Sangrur (Punjab) India - 148 106
www.sliet.ac.in

Contact us:

For detailed information visit
our website or scan QR code
www.slietcon.org |



Publication Opportunity

All accepted and presented manuscripts will be published in reputed journals as per their relevancy:

*Name of journals will be announced soon

For submission of manuscript:

Authors are requested to submit full length paper online through EasyChair Link: <https://easychair.org/conferences/?conf=acfbt2020>

For more details kindly visit website: www.slietcon.org/ACFBT

While submitting manuscript format should be followed.

Manuscript must be submitted in PDF format.

International Advisory Council

- Dr. Miguel Jose Rodrigues Vilas-Boas**, Director, School of Agriculture, Mountain research Centre (CIMO), Portugal
- Dr. Christos N. Markides**, Professor and Head of the Clean Energy Processes (CEP) Laboratory, Imperial College London, London, Editor-in-Chief Applied Thermal Engineering
- Dr. Carol S.K. Lin**, G5707 Green Zone, School of Energy and Environment, City University of Hong Kong, Tat Chee Avenue, Kowloon, Hong Kong
- Dr. Maria K Kosseva**, University of Nottingham, Ningbo China
- Dr. Arvind K.N. Nandedkar**, Safety Officer, Howard University College of Medicine, University BioSafety Officer (UBSO)
- Dr. Cristobal Noe Aguilar**, Dirección de investigación y posgrado, Universidad autonoma de coahuila, Saltillo, 25280, Coahuila, México
- Dr. Zainul Akmar Zakaria**, Department of Bioprocess and Polymer Engineering, Faculty of Chemical and Energy Engineering (FKT), Universiti Teknologi Malaysia (UTM).
- Dr. Ahmad Zuhairi Abdulla**, Professor and Deputy Dean (Research), Universiti Sains Malaysia, USM - School of Chemical Engineering
- Rajeshwar Dayal Tyagi**, Professor, Centre Eau Terre Environnement, 490, rue de la Couronne, Québec (Québec), G1K 9A9 CANADA Canada
- Dr. Renu Wadhwa**, Head, DAILAB Biological Research Institute, National Institute of Advanced Industrial Science & Technology (AIST), Ibaraki, Japan, Professor, School of Integrative and Global Majors, University of Tsukuba
- Dr. Sunil Kaul**, Chief Senior Research Scientist, International Coordinator, DAICENTER Biomedical Research Institute, National Institute of Advanced Industrial Science & Technology (AIST) Ibaraki, Japan
- Dr. Bhesh Bhandari**, School of Agriculture & Food Sciences, The University of Queensland, St Lucia, Australia
- Dr. Harvinder S. Gill**, Whitacre Endowed Chair in Science and Engineering, Department of Chemical Engineering, Texas Tech University Lubbock, TX, USA
- Prof. Jiwan S. Sidhu**, Director, Masters' Program in Food & Environmental Toxicology, and Director, Masters' Program in Food Quality & Safety, Dept. of Food Science and Nutrition, College of Life Sciences, Kuwait University, Kuwait
- Dr. M. Shafiqur Rahman**, Professor, Department of Food Science and Nutrition, CAMS, Sultan Qaboos University, Oman
- Dr. Munish Puri**, Deputy Director, Centre for Marine Bioproducts Development, College of Medicine and Public Health Adelaide, Flinders University, South Australia, Australia
- Poonam Singh Nigam**, Ulster University, United Kingdom
- Dr. Anil Kumar Anal**, Head and Associate Professor, Dept. of Food, Agriculture & Bioresources, Asian Institute of Technology, Thailand

Sant Longowal Institute of Engineering and Technology

Longowal, Sangrur, Punjab

(INDIA) - 148106

Venue

For location scan
QR Code



National Advisory Council

- Prof. Baldev Singh Dhillon**, Vice Chancellor, PAU, Ludhiana
- Prof. S. S. Marwaha**, Chairman, Punjab Pollution Board
- Prof. R. S. Sangwan**, Director (Vice Chancellor), ACSIR, Ghaziabad
- Prof. Lalit Kumar Awasthi**, Director, NIT, Jalandhar
- Prof. H. K. Sharma**, Director, NIT, Agartala
- Prof. C. Anandharamakrishnan**, Director, IIFPT, Thanjavur
- Dr. T. R. Sharma**, CEO, CIAB & ED, NABI, Mohali
- Prof. B. S. Khatkar**, President (Designate) AFTSI, Mysore, India
- Prof. Narpinder Singh**, Director (Research), GNDU, Amritsar
- Prof. A. K. Puniya**, Dean, GADVASU, Ludhiana

- Prof. M. K. Jha**, Director cum Principal, ABV Govt. Inst. of Eng. and Tech., Shimla
- Prof. U. C. Banerjee**, Head, Department of Pharmaceutical Tech., NIPPER, Mohali
- Prof. Tanmay Basak**, Department of Chemical Engineering, IIT Madras, Chennai
- Prof. H. N. Mishra**, Agricultural and Food Engineering Department, IIT Kharagpur
- Prof. Shishir Sinha**, Head, Department of Chemical Engineering, IIT Roorkee
- Prof. Gargi Das**, Head, Department of Chemical Engineering, IIT Kharagpur
- Prof. Ravindra Gudi**, Department of Chemical Engineering, IIT Bombay
- Prof. Indu Shekhar Thakur**, Former Dean, JNU New Delhi
- Prof. Sunil Khare**, Associate Dean (R&C), IIT Delhi.
- Dr. Jasvir Singh**, Head (Regulatory Affairs) Danishco India, New Delhi
- Dr. V. K. Rattan**, Vice Chancellor, GNA University, Phagwara
- Dr. Prabodh Halde**, Head (Regulatory Affairs) Marico Limited Mumbai
- Er. Yogesh Tyagi**, Plant Manager, Pepsico India Limited, Chhano
- Dr. Harpreet Singh Bhatia**, Associate Director, Pepsico India Limited, Chhano
- Dr. Manohar Singh Saini**, Director, Global Group of Institutes, Amritsar
- Mr. Rajnish Tuli**, General Manger, Punjab Agro Industry Corporation, Chandigarh
- Dr. Thallada Bhaskar**, Head-Materials Resource Efficiency Division, CSIR-IIP Dehradun
- Prof. Daljit Singh**, Former Counsellor (Science & Tech), Embassy of India, Washington DC, USA
- Dr. Bikash Mohanty**, Chemical Engineering Department, IIT Roorkee
- Prof. K. K. Pant**, Head Chemical Engineering Department, IIT Delhi
- Dr. B. R. Madan**, General Manger, Verka, Sangrur
- Dr. A. K. Srivastava**, Member, ASRB New Delhi
- Dr. R. K. Singh**, Director, CIPHET Ludhiana

Organizing Committee

Chief Patron

Chairman, BOM SLIET

Patrons

Prof. Shailendra Kumar Jain, Director, SLIET
Prof. Shyam Lal Soni, Director, NIT, Utrakkhand

Conference Chair

Prof. Ajat Shatru Arora, Dean (Acad.), SLIET

Organizing Secretaries

Dr. Parmjit Singh Panesar, Prof., Food Engineering and Technology
Dr. Avinash Thakur, Assoc. Prof., Chemical Engineering

Joint Organizing Secretaries

Dr. Kamlesh Prasad, Prof., Food Engineering and Technology
Dr. Gulshan Kumar Jawa, Assoc. Prof., Chemical Engineering
Dr. Vikas Nanda, Professor, Food Engineering and Technology
Dr. Sandeep Mohan Ahuja, Prof., Chemical Engineering

Coordinators

Dr. Charanjit Singh, Assoc. Prof., Food Engineering and Technology
Dr. Charanjit Singh Riari, Prof., Food Engineering and Technology
Dr. Himadri Roy Ghatak, Prof. Chemical Engineering
Dr. Kamlesh Kumari, Prof., Chemical Engineering
Dr. Pradyuman Kumar, Prof., Food Engineering and Technology
Dr. Pushpa Jha, Prof., Chemical Engineering

Co-ordinators

Dr. Sukhcham Singh, Prof., Food Engineering and Technology
Dr. Navdeep Jindal, Assoc. Prof., Food Engineering and Technology
Dr. Akhouri Sanjay Kr Sinha, Assoc. Prof. Chemical Engineering
Dr. Nikhil Parkash Saxena, Asst. Prof., Chemical Engineering
Dr. Amit Rai, Asst. Prof., Chemical Engineering
Dr. Vinod Kumar Meena, Asst. Prof., Chemical Engineering
Dr. Subita Bhagat, Asst. Prof., Chemical Engineering

Jointly organised by

Department of Chemical Engineering
Department of Food Engineering and Technology

Under

SLIET-I-CON-2020 (Track-II)
TEQIP-III (Twinning Program)

www.slietcon.org

Prof. Parmjit Singh Panesar

Mobile: +91 9417494849

Prof. Vikas Nanda

Mobile: +91 9815980054

Dr. Avinash Thakur

Mobile: +91 9815061414

Dr. Gulshan Kumar Jawa

Mobile: +91 9463167202

Important dates

Submission of full paper	: December 15, 2019
Acceptance notification of full paper	: December 30, 2019
Revised paper Submission	: January 15, 2020

Registration Fee	Indian (in ₹)		International (in USD)	
	Early Bird	Regular	Early Bird	Regular
Category	Before 31/12/2019	After 31/12/2019	Before 31/12/2019	After 31/12/2019
Student/Post Doc.	3000.00	3500.00	125.00	150.00
Academic/Non-profit Org.	4500.00	5000.00	200.00	225.00
Industry	8500.00	10000.00	275.00	325.00
Accompanying Person	1500.00	2000.00	75.00	100.00

Note

Maximum one paper could be contributed on a single registration. However, authors can register for maximum one additional paper by paying extra 50% of registration fee. The registration fee includes registration kit, copy of conference proceedings, breakfasts, lunches, dinners and session tea along with transportation 'pick and drop (for foreign delegates) from Chandigarh airport and to and fro from the local place of stay to the venue of the conference' and 'only local transportation (for Indian delegates) to and fro from the place of stay to the venue of the conference'.

Mode of Payment

The participants are requested to deposit registration fee by only bank transfer and send the online transaction details to the organizers. The Electronic bank transfer details are as under:

Account Name	ACFBT-2020
Account Number	3773780953
Bank Name	Central Bank of India
Bank Address	SLIET, Longowal, Sangrur, Punjab, INDIA- 148106
Swift Code	CBININBB
IFSC Code	CBIN0283105
MICR Code	14816907
Branch Code	83105

Accommodation

Limited accommodation is available at the venue. Information regarding accommodations in the nearby vicinity on payment basis will be made available. The details are available at conference website.

<https://slietcon.org/acfbt/accommodation>



Topics covered

- Biomass Conversion
- Energy and Environment
- Engineering Materials for Chemical Processes
- Innovations in Unit Operations and Processes
- Chemical Reaction Engineering and Thermodynamic Processes
- Polymer Processing and Technology
- Polymer Reaction Engineering
- Paper and pulp Technology
- Process Synthesis, Design and Development
- Chemical and Bio Separation Technology
- Sustainable and Clean Process Technology
- Water and Wastewater Management and Treatment
- Advanced Oxidation Processes
- High pressure and High Temperature Process Technology
- Photo and Electrochemical Engineering
- Membrane Engineering
- Waste Sludge Treatment and Disposal
- Particulate Matter/Solids Processing
- Process Safety Management
- Transport Phenomena
- Coal and Natural Gas
- Petroleum Engineering
- Emerging Food Processing Techniques
- Emerging Techniques for Food Safety and Quality.
- Innovations in Food Process Engineering
- Innovative Food Product Development
- New Perspectives in Food Biotechnology and Fermentation
- Novel Insights in Composition of Foods
- Value Addition of Food Industry Byproducts
- Process Economics and Business Management
- Chemical and Food Engineering Education
- Process Engineering Computations and Optimization
- Process Modeling and Simulation
- Chemical, Food & Bioprocess Instrumentation and Control
- Bioprocess and Biosystems
- Bioprocess Integration and Intensification
- Bioresources Engineering and Technology
- Biofuels and Bioenergy
- Biopharmaceuticals
- Biosensors and Biodevices
- Biochemical and Bio-molecular Engineering
- Bioengineering and Biomedical Engineering
- Biological Treatment of Petroleum Refining Effluent
- Agro and Industrial Bioprocessing

Glimpse of SLIETCON-2019



About SLIET-I-CON-2020

SLIET-I-CON-2020, a Multi-Track International Conference to be held during February 26-29, 2020 is a prestigious event organized by Sant Longowal Institute of Engineering and Technology (SLIET), Longowal with a motivation to provide an excellent international platform to encourage academic activities to help students as well as teachers to continuously develop their skills to meet the demands of the present society. SLIET-I-CON-2020 will bring together the, Academicians, Engineers, Technologist, Delegates from Industry, Researchers, budding Students and Scientists to discuss current trends and future developments in the field of Mechanical Engineering, Electronics & Communication Engineering, Food Engineering & Technology, Chemical Engineering, Computer Science & Engineering, and Electrical & Instrumentation Engineering. Three International Conferences under the umbrella of SLIET-I-CON-2020 will be organised. The Department of Mechanical Engineering is the organizer of International conference on "Advances in Mechanical Engineering (AME- 2020)" under Track-I. An International Conference on "Advances in Soft Computing Techniques (AISCT2020)" (Track II) will be jointly organized by Department of Electrical and Instrumentation Engineering, Computer Science and Engineering, Electronics and Communication Engineering. Department of Chemical Engineering and Department of Food Engineering and Technology will jointly host the International Conference on "Advances in Chemical, Food and Bioprocess Technology (ACFBT-2020)" under Track III.

About ACFBT-2020

International Conference on "Advances in Chemical, Food and Bioprocess Technology (ACFBT-2020) will bring together the, Academicians, Engineers, Technologist, Delegates from Industry, Researchers, Budding Students and Scientists from all over the world under one roof to interact and to discuss current trends and future developments in the field of Chemical, Food and Bioprocess Engineering & Technology. This will enhance the prospective for research collaborations among academicians and between Institutes & Industries as well as will also enable students to have better interaction with researchers and industry-representatives. The conference will provide an excellent international platform to encourage academic activities to help students as well as teachers to continuously develop their skills to meet the demands of the present society.

Call For Papers

We invite authors to submit their original, unpublished and quality research papers in the areas (but not limited to) of new developments on the various themes of ACFBT-2020. Full length papers must be submitted as per schedule. The broad themes will be covered with interaction through plenary sessions, invited lectures, paper presentations and poster sessions. There will be best paper awards in oral and poster presentations in different categories.

VISA Requirements

Overseas delegates who require Indian Visa for participation are requested to contact the organizers in advance for guidance and invitation letter.