

1st International Conference

On

**Recent Development on Materials, Reliability, Safety and
Environmental Issues(IMRSE 2021)**

March 26-28, 2021



Organized

by

**Department of Industrial and Production Engineering
&**

Department of Chemical Engineering

**Dr B R Ambedkar National Institute of Technology,
Jalandhar, Punjab- 144011**

WELCOME TO JALANDHAR

An ancient city in Punjab, Jalandhar ruled by the Hindus and the Mughals in succession, is believed to be the oldest city in Punjab. The city, which has major road and rail connections, is a market for agricultural products, textiles, leather goods, hand tools, wood products and sporting goods. Jalandhar today is a highly industrialized centre being India's foremost producer of world-class sports equipment. Popularly called the 'Sports City of India' as it has not only the finest sports industry but also the distinction of producing some of the best sports persons in the country, especially in the field of Indian Hockey. Jalandhar is also considered as a hub for education as many professional institutions are situated in the city. "Pushpa Gujral Science City situated on Jalandhar-Kapurthala Road is one of the major tourist attractions of the city. It has a very live atmosphere, something that is typical of the whole of Punjab. It is situated at a distance of 146 km from its capital Chandigarh and is at a distance of 350 km from New Delhi on Delhi-Amritsar National Highway. Nearest International airport is at Amritsar at a distance of 90 km. The other Airports in the vicinity are at Chandigarh and New Delhi.

ABOUT NIT JALANDHAR

Dr B R Ambedkar National Institute of Technology was established in the year 1987 as Regional Engineering College and was given the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Human Resource Development, New Delhi. Now the Ministry of Human Resource Development, Government of India has declared the Institute as "Institute of National Importance" under the act of Parliament-2007. A large number of reputed Industrial houses in the country visit the Institution and select the final year students as Engineers/ Management Trainees. The Institute has been placed amongst top 50 engineering institutions of the country as per the survey conducted by Mint-C Fore in the year 2008. As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers B. Tech programs in nine engineering disciplines. In addition to these programs, the institute offers M.Tech, PhD programs in several disciplines of Engineering, Technology and Science

OBJECTIVE OF THE CONFERENCE

The primary objective of this International Conference is to provide a platform to scientists, researchers, academicians, industry people and students to contemplate on the ongoing research in applied science and engineering from the perspective of its contribution towards sustainable development and betterment of the society. The deliberations will be aimed at discussing and highlighting the role of current trends in science and technology in meeting global challenges and the emerging scenario vis-a-vis future trends in this direction.

TRACKS

Solid Waste Management E Waste Management Water and wastewater treatment Air Pollution Risk Assessment Membrane Separation Processes Advance Oxidation Processes Polymer and Composites Biodegradable polymers Sustainable development Nanomaterials Biopolymers Green technology Biofuels Ion exchange, adsorption Economic analysis Nanofiltration Innovations in pollution abatement Bioremediation and biosorption	VLSI Circuit Design Nanoelectronics MEMS Technology Microelectronics and Nanotechnology Electronics Communication RF and Antenna Design Electronics System Design FPGA/ASIC Based Design Internet of Things Machine Learning Solar/PV cell Design Materials, Synthesis and Characterization Flexible Devices Organic Electronics Nano and Bio Sensors	Safety & Loss prevention Security Risk Assessment Inherent Safer Processes Bhopal Gas Tragedy and its effects on Safety, Reliability, Vulnerability assessment Reliability modeling and Evaluation RAMS Analysis FMECA Fault tolerant Systems Maintenance Strategies RCM TPM Reliability Evaluation using Simulation/ Petri Nets Application of Soft Computing Techniques
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CALL FOR PAPER (details to be updated) full paper

Prospective authors are invited to submit papers, which are relevant to the themes of the conference. Authors may submit full length papers limited to 2500 words (min 3 pages) typed in MS Word, Times New Roman, 11 pt font, single spacing with one inch margins on all sides. The corresponding author should be marked with asterisk (*) sign. The name of the author presenting the paper should be underlined. The abstracts must include the affiliations of all authors along with email. The papers will be considered for oral or poster presentations.

Only one author per paper whose name has been underlined will be allowed to present the paper and get the presentation certificate. Other co-authors, if registered, will get the participation certificate.

The full length paper should be sent to the link provided at the website (will be updated soon) latest by 15/01/2021.

Three best oral and poster presentations will be awarded.

FULL LENGTH PAPERS: Selected papers after peer review will be published in SCI/SCIE/Scopus Indexed Journal/Proceedings.

REGISTRATION FEE

The authors presenting the papers and others who are interested to participate in the conference must register themselves before the last date of registration. Only the registered persons will be given the conference certificates. Registration fee does not include the accommodation charges.

The registration fee for various categories is as follows:

	Online (Indian authors)	Off-Line (Indian authors)	Online (Foreign authors)	Off-Line(Foreign authors)
Student	1500	2500	100 USD	200 USD
Academician/Research Institution/Autonomous Bodies/Industrial Persons	2500	4000	200 USD	350 USD
Industry	3000	5000	250	400

MODE OF PAYMENT (account details will be added later)

The registration fee (non-refundable) has to be paid in the form of Demand Draft (DD) or through online bank transfer. The demand draft should be drawn from any nationalized bank in favor ofpayable at NIT Jalandhar. The details for the online bank transfer are as follows:

Account Name:

Account Number:

IFSC Code:

Name of the Bank:

Branch Code:

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International Conference

on

Recent Development on Materials, Reliability, safety and Environmental Issues

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