International Conference
on
Innovations in Applied Science and Engineering

(ICIASE–2022)
(18–19 May, 2022)

Organized

by

Department of Physics
Department of Humanities & Management
Department of Mathematics
&
Electronics & Communication Engineering

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 very live atmosphere, something that is typical to 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, Jalandhar (erstwhile REC Jalandhar), is the foremost institute in India well renowned for teaching and research. It was established in the year 1987 and attained the status of National Institute of Technology on October 17, 2002. As NIT, the institute has a responsibility of providing high quality technical education in Science, Engineering, Technology and Humanities & Management to produce competent technical manpower for the country. The institute offers B. Tech. Programmes in twelve disciplines of Engineering and Technology along with the Research Programmes leading to M.Sc., M. Tech., MBA and Ph. D. degrees. The Institute has signed Memorandum of Understanding (MoU) with prestigious institutes along with national and international universities for the mutual academic exchange program and further strengthening of the academics and research.

OBJECTIVE OF THE CONFERENCE

This Conference aims to create awareness and generate scholarly evidences providing a platform to the scientists, researchers, academicians, industry people and students to contemplate on the on-going 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, technology, humanities and management in meeting global challenges and the emerging scenario vis-a-vis future trends in this direction.

CONFERENCE TRACKS

TRACK 1–Engineering and Physical Sciences (EPS)

Synthesis and Characterization of Nanomaterials
Nanostructured Materials
Energy Materials, Solar cells
Smart and Functional Materials
Thin films, Composites
Ferroelectrics and Dielectrics
Liquid Crystal and Polymeric Materials
Chemical Sensors
Nanoscale Semiconductor Devices
Microelectronics, Nano-electronics
Nanotechnology & VLSI Design
Communication & Networking
Wireless Sensor Networks
RF Circuits, Systems and Antennas, Microwave
Nano Materials, Devices, Circuits, and Systems
Signal and Image Processing

TRACK 2–Mathematical Sciences (MS)

Applied Mathematics
Differential Equations
Topology
Probability and Statistics
Applied Statistics
Inference
Sampling Techniques

TRACK 3–Humanities & Management Sciences (HMS)

English Language and Literature, ELT
Comparative Literature, Literary Theories
Diaspora/Gender/Culture studies
Linguistics, Language Politics and Education
Language and Gender
Business Communication, Soft Skills
Management, HRM, Marketing, Brand Management
Financial Economics, Consumer Behaviour

ABSTRACT SUBMISSION

Authors may submit an abstract limited to 250 words containing title, brief introduction, objectives, relevance, methodology and major findings of the paper. It should be typed in MS Word, Times New Roman 12 point font, single spacing with one inch margins on all sides. The corresponding author should be marked with asterisk (*) sign. The name of the presenting author should be underlined. The abstracts must include the affiliations of all authors along with email address. The papers will be invited for online oral/poster presentations provided good quality abstracts are received and shortlisted. Only one author per abstract whose name has been underlined will be allowed to present the paper and receive the presentation e-certificate. Other co-authors, if registered, will receive the participation e-certificate. Best oral/poster presentations will be awarded.

The abstracts should be sent to the easy chair account https://easychair.org/my/conference?conf=iciase2022 latest by10th April, 2022.
Prior to the abstract submission in a certain Track, the file should be clearly named as, for e.g. Track 1, Track 2, Track 3…Running Title of the Paper.Doc.

IMPORTANT DATES

Abstract Submission: **10th April, 2022**
Acceptance Notification: **20th April, 2022**
Author Registration: **30th April, 2022**

REGISTRATION

The authors presenting the papers and others who are interested to participate in the e-conference must register themselves before the last date of registration. Only the registered persons will be given the certificates.
The registration fee for various categories is as follows:

SN	Registration	Participation Fee (INR/USD)			Paper Presentation Fee (INR/USD)		
		NITJ	Outside NITJ (including @18% GST)	Abroad USD	NITJ	Outside NITJ (including @18% GST)	Abroad USD
1	PG Students/Research Scholars	300/-	354/-	40	800/-	944/-	50
2	Faculty/Academicians	900/-	1062/-	60	1500/-	1770/-	80
3	Person from Industry	-	1770/-	80	-	2360/-	100

LINK FOR ONLINE REGISTRATION AND PAYMENT

https://www.nitj.ac.in/events_registration/iciase2022/login

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