







International Conference on

Innovation in Technology & Management

December 21-23, 2022 Goa, India



Organized by Dr. B. R. Ambedkar National Institute of Technology Jalandhar www.nitj.ac.in

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Academy of Innovations in Technology & Management (AITM) www.aitm.co.in





ICITM – 2022 THEME

This conference is with the notion to synchronize the various advancements, upgradations which are parented in the field of engineering and management. This conference integrates the knowledge, findings and research interest of various field experts coming from various interdisciplinary areas under the aegis of implications to benefit society and industry.

ICITM—2022 will be pathways for various researchers, who can sharpen their skills and can, refine their ideas by meeting with peers and their counterparts. Interactions with the experts and high level delegates belonging to field of Engineering and Management can evolve as event of sharing ideas related to research findings, various field advancements, tools and techniques, which can lead to new horizons.

This event will also serve as an excellent international forum for sharing expertise and results on recent challenges in engineering technology. The goal of the conference is to provide a stage for scientists and practitioners from academia and industry to address issues with development in the field. Hence, sound research studies/findings having relevance with the field of engineering and management are welcomed for ICITM– 2022 and presented papers will be forwarded to our publications partners' springer/Emerald for accomplishment of publication task.







SCOPE OF THE CONFERENCE ICITM—2022

Authors are invited to submit their original and unpublished research articles for presentation in the following research areas.

- Computer Science & Engineering
 - $\circ \quad \text{Cloud Computing} \\$
 - Data Science & Analytics
 - Artificial Intelligence & Machine Learning
 - Information Systems
- Humanities & Social Science
- Management & Finance
- Cloud Computing
- Nanotechnology
- IoT (Internet of Things)
- Modeling & Simulation
- Communication & Signal
 Processing
- Fashion Technology
- Supply & Chain Management
- Quality Management
- Logistic & Supply Chain Management
- Operation Management
- Technology Management
- Human Resource Management
- Resource Management
- Financial Management

- Industrial Engineering
- Chemical Engineering
- Electrical Engineering
- Civil Engineering
- Textile Engineering
- Mechanical Engineering
- Bio-Technology
- Polymer & Plastic Technology
- Material Science
- Electronic Device Circuits
- Corporate Social Responsibility
- Industry
- VLSI
- Biomedical Imagery & Analysis
- Multi Criteria Decision Making
- Applied Sciences
- Sustainable Development
- Entrepreneurship
- Business Development
- E-Commerce
- Marketing & Advertisement
- Banking & Finance
- Library & Information Science

The paper submission is not restricted only to the above mentioned topics. The author may also submit the paper on the other topics relevant to theme of the conference.





PAPER SUBMISSION

- ICITM 2022 invites original research papers from students, teachers, scientists and researchers in academia and industry to be presented in the conference.
- The conference shall provide a platform to all for sharing their research findings in the field of Engineering and Management.
- The presenters should submit a full length manuscript with Times New Roman, 12 point fonts, having minimum 10 pages in Windows-based Microsoft Word (.doc/.docx) document through the link
- The paper shall be reviewed by a peer committee. Selected manuscripts will be accepted for oral presentation. After the acceptance of the paper, the authors are required to register themselves within dates, as mentioned in this brochure. All the templates and detailed guidelines are available at website.

PAPER SUBMISSION LINK

Full paper to be submitted through easy chair. Click Here to Submit

PUBLICATION OPPORTUNITIES

- Edited Book: Selected papers will be published as book chapters in the edited book with ISBN no. by reputed publication houses such Notion Press, CRC Press etc.
- **Proceedings**: Abstract of all the papers will be published with ISBN no. in conference proceedings.
- Journal: Extended version of selected papers will be considered for publication in SCOPUS/ SCI Indexed Journal i.e.
 - a. Global Journal of Flexible Systems Management
 - b. International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies (ITJEMAST) (Publication charges applicable, if any)
 - c. Journal of Applied Research in Higher Education (Publication charges applicable, if any)
 - d. International Journal of Educational Management (Publication charges applicable, if any)











REGISTRATION INFORMATION

At least one author of each accepted paper must register for the paper to be included in the proceedings. Student registrations are only acceptable if first author of the paper is a full-time student at an Institution.

Important dates and registration fee details related to ICITM- 2022 is mentioned in tables below:

IMPORTANT DATES (Deadlines Extended)				
Abstract / Full Paper Submission*	10.11.2022			
Notification to Author	15.11.2022			
Authors Registration	20.11.2022			

 st Publication of manuscript in Journal / Edited Book is subject to the acceptance by Editorial Board.

	Fee Details (in Rs.)		Fee Details (in USD)	
Participants Category	Regular	With Late Fee	Regular	With Late Fee
Student Participants	Rs. 4000	Rs. 4500	USD 100	USD 150
Participants from Academia	Rs. 5000	Rs. 6000	USD 250	USD 300
Participants from Industry	Rs. 7000	Rs. 8000	USD 300	USD 350

REGISTRATION AND PAYMENT LINK Name of the Account - PAHAL- AITM

Name of the Account - PAHAL- AITM Account Number: 40907968134 Bank Name: State Bank of India, Branch: NIT Jalandhar (REC Campus) IFSC Code: SBIN0050841

Registration fee includes: Conference material and program, conference bag, certificate of presentation, lunch and coffee breaks, conference proceedings, access to all sessions. Student Participants are required to submit their ID Cards.





Keynote Speakers



Dr. Lubos Hes Technical University of Liberec, Czech Republic



Dr. Mahesh Joshi Senior Lecturer, RMIT University Melbourne



Prof. Sayeeduzzafar Qazi

University of Business and Technology, Jeddah, KSA



Prof. Nilmini Wickramasinghe Swinburne University of Technology, Australia



Dr. Berna Ulutas Eskisehir Osmangazi University, Eskisehir Turkey



Dr. Om Prakash Yadav North Carolina Agricultural and Technical State University, USA



Dr. Sushil Kumar Indian Institute of Technology New Delhi



Dr. Mazdak Zaman Felician University





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For any query / clarification, you may contact at Email ID: conference@aitm.co.in Dr. Anupamdeep Sharma: +91 - 9872312606 Mr. D P Tripathi: +91 - 8895296796





DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR

Dr. B R Ambedkar National Institute of Technology (NIT) Jalandhar was established in 1987 as a Regional Engineering College and was given the status of National Institute of Technology (Deemed University) by the Government of India on 17 October 2002, under the aegis of Ministry of Human Resource Development, New Delhi.

The Institute is named after Bharat Ratan Dr. B. R. Ambedkar, founder of Indian Constitution. This institute is having 16 departments, which offer professional education at graduate, post graduate and doctorate level of study. Institute is spread over the area of 154 Acre and has rich infrastructure catering the needs to provide a remarkable academics excellence, lucrative job offers from the top MNCs and well equipped laboratories drawing layout of best research facilities. More details may be viewed at **www.nitj.ac.in**

ACADEMY OF INNOVATION IN TECHNOLOGY AND MANAGEMENT

Academy of Innovation in Technology and Management (AITM) **under the aegis of PAHAL Society** organizes different training programs on different topics relevant to academicians and professionals working in different domains. The program includes various types of conferences, short term courses, training, tailor made training programs, etc. **The AITM aims:**

- To recognize, promote and develop the capabilities and universal values in the student teachers needed for cohesion and welfare of society and nation.
- To make aware, inspire and enable the student teachers to integrate the ICT with ancient Indian educational philosophy for a quality academic environment.
- To stimulate, educate and enable the student teachers for excellence in teaching, learning, research and innovation.
- To develop attitude, competence and core skills, essential to teaching learning process among the student teachers.
- To encourage the student teachers to derive an everlasting capacity of realizing and executing their roles and responsibilities in learner's holistic development

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academician support, an ideal and conducive environment for endowing education that can be benchmarked against the paramount in the world.

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DAV University, Jalandhar is promoted by DAV College Managing Committee which is India's single largest non-government educational organization managing more than 800 institutions in the country. It has been providing students with an excellent education in modern academic environment. It is a multi-disciplinary institution, home to faculties of teaching excellence in subjects from engineering to

languages to natural sciences including physical and life sciences. The campus is well equipped with modern infrastructure including state-of-the-art buildings, round-the-clock power backup, canteens and huge parking area in the basement of each building. Playgrounds, sports and fitness facilities add to the quality of life on the campus. DAV University is the best university in Punjab in terms of quality education and student support. It is better than any college or institute in Jalandhar/ Punjab/ the region. Undoubtedly, it is the top university in Jalandhar. For more details, visit https://www.davuniversity.org

National Institute of Technology, Uttarakhand (NITUK) is one of the 31 National Institutes of Technologies in the country. Since its inception, this Institute has grown many fields and has established itself as one of the best Technical Educational Institutes. NITUK is established in 2009 under the Act of Parliament by Ministry of Education (Shiksha Mantralaya). For more details, visit https://nituk.ac.in/









