



सत्यमेव जयते
Department of Sciences & Technology (DST)



Confederation of Indian Industry

Technology Enabling Centre (DST-TEC) Panjab University, Chandigarh, India

International Conference
on

Industry Focused Research - TEC 2023



February 24-25, 2023

Call for Papers/Cases

Chief Patron
Prof. Raj Kumar
Vice-Chancellor

Patron
Prof. Renu Vig-DUI
Prof. C. R. Suri-Chairman, TEC
Prof. R. Tewari- Mentor, TEC

Conference Chairs
Prof. Luxmi Malodia
Prof. Manu Sharma

ABOUT PANJAB UNIVERSITY, CHANDIGARH

One of the oldest Universities in India, the Panjab University (PU) was initiated at Lahore in 1882, has a long tradition of pursuing excellence in teaching and research in science and technology, humanities, social sciences, performing arts and sports. The University supports excellence & innovation in academic programs, promotes excellence in research, scholarship and teaching. The University is committed to attract and support the best students and faculty, who excel at teaching and research.



In independent India, Panjab University with its Campus at Chandigarh and nearly two hundred colleges in Punjab state and Chandigarh U.T., has served various societal needs with distinction. The glorious traditions of the University established during the period of more than 133 years of its long service to the nation since its inception are a source of inspiration for the present generation of faculty members and students. By virtue of its history, experience, achievements and philosophy, the Panjab University has a national character and it enjoys an international stature drawing both faculty and students from all over the country and different parts of the globe. Its faculty includes some of the most distinguished scientists and academicians. It continues to attract celebrated scholars at the campus. Over the years, the reputation of the Panjab University has grown to emerge as an institution at the pinnacle in innovative teaching, research and community outreach.

ABOUT TECHNOLOGY ENABLING CENTRE (TEC)



Technology Enabling Centre (TEC) is Department of Science and Technology (DST), Government of India (GoI) sponsored project (<https://tecpcu.in/>). The objective of TEC is to create an ecosystem for Technology development in the Universities and provide a platform to network researchers with other institutes, National laboratories and Industry. The focus of TEC is on providing an enabling eco system, process and support system. One of the TEC activities entails Mining of Technologies that are being created in local labs, assisting researcher in raising the technology's technology readiness level and advancing it towards commercialization.

Another Major activity of TEC is assessment of technological requirements of MSMEs and share these with research community. TEC has posted some issues of industry and some technologies of academia at www.tecpcu.in

ABOUT CONFERENCE

Technology Enabling Centre (TEC) and Centre for Industry Institute Partnership Programme (CIIPP), Panjab University, Chandigarh, are planning to conduct 1st Annual International Conference on Industry Focused Research- 2023. Currently, businesses in India are facing problems in all functional areas of management such as economics, finance, HR, marketing, strategy formulation. These problems can be solved using engineering, information technology, data analytics, machine learning, artificial intelligence etc. For this innovative ways/strategies/methodologies are required to develop and execute. There are many issues of industry for which industry needs technological solutions that Academia can provide.

Through this conference, an effort is being made to assess exact issues/matters/concerns/pain-points on which industry wants technological R&D to be done by academia. In a subtle manner, this conference wants to motivate academia to innovate on problems of industry. The conference theme intends to explore viewpoints on different issues related to managing the business and sustainable development of the organizations in the present dynamic business world. Aim of this conference is to promote Industry relevant research on problems of Industry. This conference intends to provide platform to researchers who have researched on live industrial problems that deserve technological or managerial innovations. All papers presented in this conference must have clearly defined end-user industry and the origin of problem has to be some industry.

OBJECTIVES OF THE CONFERENCE

- The present conference aims to bring together leading academic scientists, researchers, consultants, research scholars and industry to exchange and share their experiences and research results about all aspects of emerging business/technological issues of industry and its solutions.
- To provide a premier interdisciplinary forum to present and discuss the most recent innovations, trends, concerns, practical challenges encountered and the solutions adopted in the field of emerging businesses.
- To deliberate on the advances in theory and practice regarding emerging business problems and its solutions.
- To assess exact issues/matters/concerns/problems/pain-points of Industry on which technological innovations are required.
- To provide platform to scientists/engineers who have developed technological solutions for problems of Industry.
- To motivate scientists/engineers to take live industrial problems for technological innovation.
- To mine technologies from different laboratories of academia and showcase to industry for subsequent commercialization.

CONFERENCE THEMES

Management Related Themes

- ⇒ Key issues in Management Areas and their Innovative Solutions
- ⇒ Cross Functional interfaces and their mitigation in Indian context
- ⇒ Understanding business environment
- ⇒ Performance Appraisal, Competency mapping and Talent acquisition
- ⇒ Cross-cultural pollination in Indian business organization
- ⇒ Dealing with political environment
- ⇒ Government policies and implications for business
- ⇒ Global business environment and business challenges
- ⇒ Understanding problems of MSMEs that need technological innovations
- ⇒ Exploring start up failures in India
- ⇒ Covid-19 and Business in India: Impacts, strategies to deal with
- ⇒ Case studies on providing real time business solutions

Technology Related Themes

- ⇒ Futuristic technology developed that now needs to be commercialized
- ⇒ MIS and Role of IT in business
- ⇒ Using AI for Business Solutions
- ⇒ Machine Learning and Automation
- ⇒ Human Resource Digitization
- ⇒ Data analytics, Data science and Business landscapes
- ⇒ Big data, Open Source Software and Business Problems
- ⇒ Engineering, technology and business: relationship and interdependence
- ⇒ Any problem of Industry for which technological solution has been developed
 - Chemical, Mechanical, Electrical, Computer Science, IT, Biotechnology, Electronics, Pharmaceutical, Chemistry, Microbiology, Automation, Mechatronics
 - Technical Textile / Garment Design/Fashion technology
 - Light Engineering (Hand Tools, Automobile parts, Bicycle, Sewing machine, Bath fitting etc.)
 - Automation / AI / SPM / Industry 4.0 / Mechatronics
 - Software / IT / Web / App Development
 - Water and Waste Management
 - Microbiology/Biotechnology/Pharma/Pulp & Paper
 - Bio-Medical Devices/Surgical Industry
 - Material Science/Advance Coatings/polymer/ plastic
 - Pharmaceuticals/Chemicals/Industrial Chemistry



SUBMISSION GUIDELINES

All the papers and case studies must be submitted on the following E-Mail ID:
icifrtec2023@gmail.com

★The conference will be held in blended/hybrid mode (online and offline mode)

Papers

Selection of papers would be based on an extended abstract of about 500-750 words. The author(s) should clearly mention Management stream or Technology stream along with the area of interest under which the abstract is to be included. The abstracts that get approved would be selected for final paper submission. All contributions should be submitted in English in Times Roman 12-Point type, 1.5 line spacing in A4 size page set up, with one inch margins on all sides. Final paper submission must accompany a certificate by the author(s) that the paper is his original work and has neither been published nor submitted for publication elsewhere. The cover page of the paper should contain:

Title of the paper (in bold)

- Name of author(s)
- Professional affiliation of author(s)
- Address for correspondence with email and telephone numbers.
- Industry from which problem has originated (if exact name of company can not be disclosed then industry sector should be mentioned)
- Target Industry sector for commercialization of Technology (if technological solution has been developed)

Cases

Selection of case studies would be based on abstracts of about 500-750 words. The abstracts must clearly indicate the objective of case study, details of the organization for which the case is written, major findings and implications. Only case studies of real life organizations would be considered. The author(s) should clearly mention the area of interest under which the case study is to be included. Both academicians and corporate managers are expected to contribute to the conference case studies. The case study based on primary data should include a 'No-Objection Certificate' from the organization for which the case study has been written.

Technical papers

Selection of technical papers would be based on abstracts of about 500-700 words. The abstracts must clearly indicate industry sector from which problem has originated, detail of technical innovation and major findings. Only technical papers based on some real life organization would be considered. The author(s) should clearly mention the area of interest under which the technical paper is to be included. Both academicians and corporate engineers/scientists are expected to contribute to the conference technical papers. The technical paper based on some industrial problem should include a 'No-Objection Certificate' from the organization for which the technical paper has been written.

POSTER PRESENTATION

It should represent findings from a current working paper related to the theme of the conference. The authors are required to display posters of their research papers and be available to discuss and answer questions during the assigned poster session. Submission of an electronic copy of the poster in PDF format is must before the deadline. Poster size and dimensions are A1 size 84.1 cm height X 59.4 width. The poster should be of in portrait layout only (not landscape layout). The author is also required to send the declaration that the Paper/Article/Poster is original and has not been sent elsewhere for publication or presented in any conference/seminar.

PUBLICATION OPPORTUNITIES

The good quality research papers from the conference shall be tried for publication in the selected journals (Scopus, SCI Indexed, UGC Care Listed and Peer reviewed Journals). Some article/research papers may also be published in an Edited book (ISBN) from a reputed international publisher. The publication of a paper will be subject to the referee's decision through peer review process and submission of copyright agreement and zero plagiarism report

REGISTRATION DETAILS

Registration fee is required even if the paper is selected for the conference. Registration fee covers the certificate, conference kit, conference proceedings, conference lunch, and tea. It, however, does not include hotel accommodation, hotel pick up facility and airport transfers. Limited accommodation available on the University campus will be provided on first-come-first-serve-basis. No TA and DA will be paid to delegates for attending the conference. Registration fee is to be paid by a Demand Draft drawn in favour of "Conference Chair ICIFR TEC 2023" payable at Chandigarh. The registration fee is to be paid by each authors and co-author (s) of the paper individually and separately. The Demand Draft, along with the registration form, should be sent to Dr. Manu Sharma, Conference Chair, Technology Enabling Centre–TEC, Panjab University, Chandigarh 160014 INDIA. Registration Fee once paid would not be refunded. For Direct Bank Transfer, use following Account Details.

Account Details	Account Holder Name:	Conference Chair ICIFR TEC 2023
	Account Number:	41350226875
	IFSC Code:	SBIN0000742
	SWIFT Code:	SBININBB443

FOR REGISTRATION, CLICK HERE



Registration Fee Details	Category	On or before 31-01-2023	After 31-01-2023
	Academician	INR 2500	INR 3000
	Doctoral/Post Graduation Students	INR 2000	INR 2500
	Managers/Practitioners/Consultants	INR 3000	INR 3500
	Foreign Students	US \$ 100	US \$ 150
	Foreign Delegates	US \$ 200	US \$ 250

For Registration
Scan QR Code below



IMPORTANT DATES

Submission of Abstract	November 20, 2022
Notification for Acceptance of Abstract	November 30, 2022
Submission of Paper/Case study	January 20, 2023
Last Date of Registration	January 31, 2023
Conference	February 24-25, 2023

CONFERENCE PATRONS

Prof. Raj Kumar Vice-Chancellor Panjab University, Chandigarh	Prof. Renu Vig, DUI Prof. C.R. Suri-Chairman, TEC Prof. R. Tewari-Mentor, TEC
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ACADEMIC ADVISORY COMMITTEE

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ORGANISING COMMITTEE

Conference Chairs

Dr. Luxmi Malodia Professor-University Business School-UBS	Prof. Manu Sharma Hony. Director, CIIPP & Coordinator TEC
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Conference Co-Chairs

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