MC

MANJARA CHARITABLE TRUST

RAJIV GANDHI INSTITUTE OF TECHNOLOGY,

(NAAC Accredited, Permanently affiliated to Mumbai University & approved by AICTE, New Delhi)

NBA Accredited UG Programs:- Computer Engg., Electronics & Telecommunication and Mechanical Engg.

(Recognised and awarded grade 'A' by Government of Maharashtra; An ISO 9001:2008 certified Institution)

MUMBAI

AICTE Sponsored

International Conference on Embracing Industry 4.0 Technologies for Sustainable Growth (ICEI 4.0)

17th to 19th February 2022

Collaborated with Journal of Engineering, Project, and Production Management (Scopus Indexed International Journal)

Scopus

ICEI4.0

About MCT's RGIT

The great visionary & philanthropist Hon. Vilasraoji Deshmukh founded Manjara Charitable Trust in the year 1988. In 1992, the trust started the Manjara College of Engineering at Airoli (Navi Mumbai) to meet the demand of engineers & technocrats in the country.

The institute was renamed as MCT'S Rajiv Gandhi Institute of Technology & shifted to the permanent campus in 2002 at Andheri, Mumbai. The Institute has marched towards the pinnacle of glory though its remarkable achievements & laurels in the field of Engineering Education. The institute is committed to impart quality education by ensuring practical, innovation, technology-driven delivery of the programs & creating outstanding managers & technocrats who make valuable contribution to the global business & society to suit their ever changing needs.

Institute's Key Highlights

- ❖ Recognized by All India Council for Technical Education (AICTE), New Delhi.
- ❖ National Board of Accreditation (NBA) accredited Under-Graduate Programs.
- ❖ NAAC accredited Institute
- ❖ Permanently affiliated to University of Mumbai.
- ❖ "A" Grade awarded Institute by Govt. Of Maharashtra
- ❖ An ISO: 9001-2008 Certified Institute.
- ❖ Offers 4-year Under-Graduate Programs in Mechanical, Electronics & Telecommunication, Computer, Information Technology, Instrumentation Engineering, Artificial Intelligence and Data Science.
- ❖ Post Graduate Programs in Mechanical, Electronics & Telecommunication and Computer Engineering.
- ❖ Research Programs (PhD) in Mechanical, Electronics & Telecommunication, and Computer Engineering.

Departmental Vision

- To create competent technical professionals in Mechanical Engineering with ethical behaviour and environment consciousness.

Mission

- To provide contemporary and cutting-edge technical education in Mechanical Engineering.
- To provide an ambience which nurtures research ideas in futuristic domains of Mechanical Engineering.
- To initiate project based learning and practical exposures in the area of Mechanical Engineering.
- To direct faculties in research and consultancy / advisory roles.
- To establish strong linkages with well-known national and international technical institutes.
- To promote the culture of imbibing environmental care and eco-friendly designs.
- To become a department of aspiration & choice.

Program Educational Objectives (PEOs)

- **PEO1:** To prepare the stakeholder to exhibit leadership qualities with demonstrable attributes in lifelong learning to contribute to the societal needs.
- **PEO2:** To make ready the stakeholder to pursue higher education for professional development.
- **PEO3:** To help the stakeholder to acquire the analytical and technical skills, knowledge, analytical ability attitude and behavior through the program.
- **PEO4:** To prepare the stakeholders with a sound foundation in the mathematical, scientific and engineering fundamentals.
- **PEO5:** To motivate the learner in the art of self-learning and to use modern tools for solving real life problems and also inculcate a professional and ethical attitude and good leadership qualities.
- **PEO6**: To prepare the stake holder to able to Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

About ICEI 4.0

Industry 4.0 indicates a new Industrial Revolution that constitutes an amalgamation of advanced production and operations techniques with smart digital technologies to create an organization that would be interconnected and autonomous to communicate, analyze, and use data for intelligent responses in real world. Industry 4.0 is leading in a reality that may alter the rules of production, operations, workforce and even society. The digitization of business operations, manufacturing, supply chain networks, and products drives companies to combine insights taken from humans, machines, analytics and predictive insights to make better decisions.

Therefore, the aim of ICEI 4.0 is to get views from both business and academia on the topic of Embracing Industry 4.0 Technologies for Sustainable Growth. We hope ICEI 4.0 would establish a milestone in understanding global transformational changes in business & Management driven by Industry 4.0.

Objectives

- ✓ To bring together researchers, academicians, professionals, and students from various Engineering and Management fields, with cross-disciplinary interests and working in Industry 4.0, to interact and disseminate information on the latest developments.
- ✓ To provide a platform to stakeholders to share their experience and research findings about integrated aspects of Industry 4.0.
- ✓ To discuss challenges imposed by cultural, legacy and sociopolitical factors for Industry 4.0.
- ✓ To deliberate recent innovations, trends, and concerns in theory and practice.

ICEI 4.0 Programmes

- ❖ **Research Article Presentation**
- ❖ **CEO meet and networking session**

- ❖ **Panel Discussion**
- ❖ **Success Stories of Industry 4.0 in SME**

- ❖ **Doctoral consortium**
- ❖ **Total Quality Management: Case Study competition**

- ❖ **Quizzes**
- ❖ **Project competition**
  - ✓ **Poster paper presentation**
  - ✓ **Project presentation**

ICEI 4.0 Sub Themes

International Conference on Embracing Industry 4.0 Technologies for Sustainable Growth is intended to discuss modelling, design, analysis, manufacturing, and testing of smart industrial technologies that will create a paradigm shift in industrial production. The ICEI4.0 will cover the cutting edge technologies in following areas.

- Artificial Intelligence & Machine Learning
- Cloud Computing & Big Data Analytics
- Internet of Things
- Smart Manufacturing
- Digitization
- Blockchain Technologies
- Circular Economy
- Cyber security & Networking
- Robotics & Industrial Automation
- Business Process management
- Environmental Sustainability and Climate Change

- 3D Printing
- Nanotechnologies
- Healthcare Systems technologies
- Innovation and Entrepreneurship
- Materials and Manufacturing
- Optimization and Decision Analysis
- Production Planning and Control
- Quality Engineering
- Project Management
- Modeling and Simulation
- Reliability Engineering
- Disaster Management
- Sustainable Supply Chains

Chief Patron

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Secretary, Manjara Charitable Trust

Mrs. Aditi Amit Deshmukh

Trustee, Manjara Charitable Trust

Patron

Shri. Kaushal Paurana

Chief Executive Officer, Manjara Charitable Trust and Vilasrao Deshmukh Foundation, Maharashtra

Conference Chair & Coordinator

Dr. Sanjay U. Bokade

Principal, MCT's Rajiv Gandhi Institute of Technology, Mumbai

Co-coordinator

Dr. Prathamesh R. Potdar

Conveners

Research Papers Presentation

Dr. Rajesh Kale & Prof. Nilesh Shahapure

Doctoral Consortium

Dr. Poonam Sonar & Dr. Sharmila Gaikwad

CEO Meet and Networking Session

Dr. Kiran Chaudhari & Prof. Shalini Sharma

Total Quality Management: Case Study Competition

Dr. Nitin Pansakar & Prof. Ashwini Gotmare

Panel Discussion

Dr. Sanjay Deshmukh & Prof. Ankush Hutke

Quizzes

Dr. Jyoti Deshmukh & Dr. Ankita Malhotra

Success Stories of Industry 4.0 in SME

Dr. Sunil Wankhade & Prof. Amol Mangrulkar

Project Competition (Poster & Project Presentation)

Dr. Satyanarayan Sadala & Prof. Ravindra. Kurane

Organising Committee

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Prof. Rehan Siddiqui

Prof. Priya Parate

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Prof. Chetan Rane

International Advisory Committee

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Dr Stefan Pauliuk, Junior Professor for Sustainable Energy, Material Flow Management Albert Ludwig University of Freiburg

Mr. Tarun Ochani, Global Account Executive in the Manufacturing sector at Capgemini, Atlanta USA

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Prof. Virendra Kumar Vijay, IREDA Chair Professor, Indian Institute of Technology Delhi

Mr. Subhabrata (Subho) Ghosal, Consulting, Advisory, Entrepreneurial & Teaching

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Dr. Bakul Rao, Professor, CTARA, IIT Bombay

Dr. Nandkumar Mishra, Industry 4.0 Consultant

Prof. Surya P. Singh, Dhanajaya Chair Professor and Chairperson, Operations & Supply Chain Group at Department of Management Studies, IIT Delhi.

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Dr. Cherry Bhargava, Associate Professor, Department of E&TC, Symbiosis Institute of Technology, Pune

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Mr. Prasad Patil, COO Arya Infosystems, Head - Aryacom Safety & Security Products & New Products & CTO - JM Baxi Tech Business

Dr. Pramod B. Salunkhe, Associate Professor in Department Tent of Aeronautical & Automobile Engg. at Manipal Institute of Technology, Manipal, Karnataka

Dr. Ravindra R. Rathod, Assistant Professor, Department of Information Technology, Walchand College Of Engineering. Sangali

ICEI4.0

Call for Research Paper

❖ Original and survey papers and case studies based on Theme/ sub-themes of the conference are invited from academicians, scholars and practitioners.

❖ Soft copy of the paper should be sent.

❖ The acceptance of paper would be based on an abstract of **maximum 250 words**.

❖ The Paper should be sent in MS Word, Font-Times New Roman, and Font Size-12.

❖ The paper should contain title, abstract, details of author(s), introduction, research methodology, results and conclusions.

❖ Only those contributions which are complete, registered and reach on time will be published in the conference proceedings and journals.

Who Should Participate

Technology & Industry enthusiast, whether student, professor, practitioner or entrepreneur can register and participate in ICEI4.0. The participants can register online through website **"www.icei40mctrgit.in"**. The details of registration fee is as follows

Participants Profile	Details of Fees	
	INR	USD
UG or PG Students /PhD Scholars/Delegate	3500 INR	$ 100
Academicians and R& D Organizations/Delegate	4500 INR	$ 150
Industry Professionals/Delegate	5500 INR	$ 200

Payment Details

❖ At least one author must register to include the paper in the conference.

❖ **Participants belonging to ST/SC Category will get special discount on registration fees (First Ten Participants only)** (to avail special discount please contact to Organizing Team)**.**

❖ The registration amount should pay through NEFT/RTGS.

❖ To register for ICEI4.0, please fill up the form available on Website and to confirm your registration, please make a payment of respective fees amount (as per the fee table given above) into following bank account:

Bank Name:	IDBI Bank
Account Name:	Mechanical Engineering Student Association (MESA)
Account Number:	162104000032489
IFSC Code:	IBKL0000162
Address:	Versova, New Cosmos Chs., Main Mumbai, Mumbai, 400053

❖ The **Registration fees include** conference kit, Conference Proceedings, Refreshments and lunch at the conference venue.

❖ **Kindly send details and/or receipt of payment to icei4.0mctrgit@gmail.com for confirmation.**

❖ Persons interested in attending the conference and not contributing the research paper should register for the conference by paying the registration fees as above.

❖ On spot registration shall be provided only for non-authors by paying the registration fees.

Awards & Publications

- ❖ Two best research contributors will be awarded.
- ❖ Selected papers will be published in **Journal of Engineering, Project, and Production Management/ UGC approved journal/Conference Proceedings.**
- ❖ The Journal's publication ethics can be found at http://www.ppml.url.tw/EPPM_Journal/ethics.htm and http://www.ppml.url.tw/EPPM_Journal/submission.htm.
- ❖ Paper format and template can be found at http://www.ppml.url.tw/EPPM_Journal/submission.htm.
- ❖ **Additional Charges are applicable for paper publication in journal based on publication policies of journals.**

Important Dates

Abstract Submission	23rd Dec 2021
Abstract Acceptance	25th Dec 2021
Full camera ready manuscript Submission	05th Jan 2022
Notification of full manuscript acceptance	15th Jan 2022
Last date of registration	17th Jan 2022

Accommodation

- ❖ Accommodation on request basis could be made available to registered participants on individual or sharing basis subject to availability.
- ❖ During registrations, participants are requested to opt for accommodation well in advance to enable us to make the necessary arrangements.
- ❖ For more details kindly refer the conference website.

Venue

The venue for ICEI4.0 is the MCT's RGIT Campus located in Juhu Versova Link Road, Behind HDFC BANK VERSOVA, Andheri (West), Mumbai - 400 053.

Please check conference website regularly for more details and updates on ICEI4.0

"www.icei40mctrgit.in"

Address for Communication

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Registration Form

Name of Participant	:	
Designation	:	
Organization	:	
Address of Organization	:	
Phone Number	:	
Mobile Number	:	
Email	:	
Title of Research Paper	:	

Category	SC / ST (Put tick) (Provide photocopy of caste certificate)	
Registration Category (Put tick)	UG or PG Students /PhD Scholars	
	Academicians and R& D Organizations	
	Industry Professionals	

Payment Details

Mode of Payment	: NEFT / RTGS (Put tick)	
Amount/USD	: (in words)	
Issuing Bank	:	
Bank Branch	:	
Transaction / Reference Number	:	
Payment Date	:	
Accommodation (Put tick)	Required	Not Required

College/Institute Seal   **Signature of Participant**

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