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CRITERIA OF PARTICIPATION

We expect participation from faculty members, scientists, researchers, and students in Mechanical or any other disciplines of engineering. We also welcome participants from practicing engineers/administrators from industry or relevant fields.

Each presenter will receive a participation certificate.

Registration Link:

<https://forms.gle/bjf4WAQL2JxytZq47>

Website Address:

<https://www.heritageit.edu/IME2021/home.aspx>

NATIONAL CONFERENCE

on

INNOVATIONS IN MECHANICAL ENGINEERING

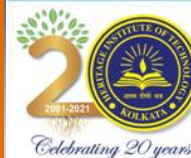
IME - 2021



17th - 19th Dec, 21
on online platform

Organized by:

Department of Mechanical Engineering



Heritage Institute of Technology

An Autonomous Institution affiliated to MAKAUT, West Bengal

Kolkata- 700107 (India)

www.heritageit.edu

No Registration Fee

GENERAL INFORMATION ABOUT THE INSTITUTE

An institute means a place where young minds are groomed in the best possible ways so that they can develop skills in a specified field. Heritage Institute of Technology (HITK), founded by Kalyan Bharti Trust, serves as a launching pad to build a good career—a platform where students can hone and exhibit their talents. HITK is already an established brand in the field of quality engineering education in entire eastern India. It's an autonomous institute affiliated to MAKAUT of West Bengal with NAAC and NBA accreditation for most of its departments,. It is an institute where a student grows through a rigorous process of learning in order to become a responsible citizen.

ABOUT THE DEPARTMENT

Mechanical Engineering Department was established in 2001 as a support department. Finally, in 2011 Mechanical Engineering Department opened up as an independent degree awarding department and the first batch rolled out in 2015. During the course of its development, the department has been enriched with the installation of state-of-the-art laboratories covering almost the entire gamut of Mechanical Engineering. CAD/CAM Lab, Dynamics of Machines Lab, Fluid Power Control Lab, Mechatronics Lab are some to name a few. Advanced Manufacturing Lab consists of a CNC Lathe, EDM, and a Robotic arm. The department has a well-qualified and dedicated team of faculty members and technical assistants. The department encourages students to actively participate in technical seminars / workshops / competitions as well as writing research papers. They also produce different project works with innovative ideas.

INSTRUCTION FOR ABSTRACT SUBMISSION:

Original Research/ Review Papers/ Articles or Case-Studies in the relevant field will be accepted for presentation at the conference after due process or review. Abstract (in 200 - 300 words) may be submitted for consideration. Formats and links for the abstract/ full paper are available in the conference website.

Last date of submission of Abstract	20th Sep, 2021
Tentative date of acceptance of Abstract	5th Oct, 2021
Last date of full paper submission	5th Nov, 2021
Tentative date of acceptance of full paper	20th Nov, 2021
Last date of registration	10th Dec, 2021

ABOUT THE CONFERENCE

The last 100 years of Mechanical Engineering have undergone rapid advancements in different technologies. Many innovative concepts evolved leading to products such as 3D printer, intelligent robots, driverless cars, electric cars, air-borne vehicles, guided underwater vehicles, reusable space vehicles, autonomous rovers for other planets, etc. It is possible due to the synergy among different knowledge domains like Computer Science, Electronics, Material Science, Space Science, Ocean Science, and Mechanical Engineering.

The objective of this conference is to provide a forum for deliberations on innovation in the said fields. The conference will bring together leading researchers, engineers, scientists, and professionals in the domain of interest. Distinguished keynote speakers will share the latest engineering and scientific knowledge related to this conference.

Topics of Conference (but not limited to)

- ✚ Solar, Wind & Geothermal Energy
- ✚ Electric Vehicles, Batteries, Mass & Rapid Transit
- ✚ Non-conventional Manufacturing, Additive Manufacturing
- ✚ Automation, Mechatronics, Flexible Manufacturing, Machine Learning & Intelligent Manufacturing
- ✚ Micro-fluidics, Nanotechnology, Advanced Engineering Materials
- ✚ Artificial Intelligence in Design, Computer-Aided Engineering (CAD/CAM/FEM/CFD)

Selected papers will be published in

- 1. Indian Welding Journal [ISSN 0046-9092]**
- 2. Indian Science Cruiser [ISSN 0970-4256]**
- 3. REASON – A Technical Journal [ISSN 2277-1654]**
- 4. Journal of the Association of Engineers, India [ISSN 0368-1106]**