INTERNATIONAL CONFERENCE
ON
INNOVATIVE TECHNOLOGIES IN MECHANICAL ENGINEERI
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Organized by
Department of Mechanical Engineering
KIET Group of Institutions Ghaziabad, Uttar Pradesh, INDIA

In collaboration with
Cranfield University, UK

Track on

Computational design

Session Chair

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Computational design is defined as the creation of a plan or convention for the construction/manufacturing of an object, system or measurable human interaction. Computer technologies augment the process of design to make it more efficient. Briefly it can be said that computational design is a change in the medium of design expression from geometry to logic.

The Track on Computational Design being considered at **INTERNATIONAL CONFERENCE ON INNOVATIVE TECHNOLOGIES IN MECHANICAL ENGINEERING (ITME- 2019)** provides an opportunity among people involved in the conceptualization of the design for a product or process and its virtual modelling. Scientists and researchers working in the broad areas of computational design and manufacturing are invited to exchange their ideas/results on the related research fields.

The track includes the following but are not limited to

- Rapid prototyping
- Optimization, modelling and simulation
- CAD/CAM/FMS/CIMS/FEM/FEA/CFD
- Computer Aided Process Planning
- Algorithms
- Data Analytics
- Artificial Intelligence

Profile

Hasan obtained his Ph.D. in the area of Reconfigurable Manufacturing System from Indian Institute of Technology Roorkee. Joined as Faculty in the Department of Mechanical Engineering, AMU in 2003. Teaching and research interests includes Manufacturing Systems, Human Factors and Operations Management. He has published papers in various International journals like Opsearch, Occupational Ergonomics, Work, International Journal of Industrial and Systems Engineering, and International Journal of Operations Management. Also attended and presented papers at various international and national conferences.