ADAM is a course developed in collaboration with Mercedes-Benz India Pvt. Ltd. Automotive Mechatronics is a life-cycle activity that involves the multidisciplinary integration of automotive mechanical and electronic systems. The advanced diploma in Automotive Mechatronics is a recently established course, developed to respond to the clear demand in the sector for graduates with advanced skills and education in the specialized field. The highly specialized ADAM course contains Electrical, Mechanical, Electronics, Embedded system, Vehicle Systems and Soft Skills modules. The training is imparted in the areas of Electrical & Electronics Technology, Advanced Automobile Systems/Engineering and its diagnosis, practical hands-on experience on Mercedes-Benz Car, Mercedes-Benz India Pvt. Ltd. factory visit (optional), etc. The methodology is a self-reliant learning and team concept as being practiced successfully in MBIL in-house facility.

To inculcate designing/drawing skills of students of department and enhancing employability of students further, excellent performance in common entrance examination for design (CEED). Students are motivated to teach next batch this process inculcate leadership quality among students in teaching learning environment. Abdul Kalam Technical University, Lucknow. Club also won 1st prize in innovative product design LD College of Engineering Ahmedabad, Gujarat under 2nd ISTE student National Convention. It trained almost 200 + students during last one year on software like CATIA and ANSYS. It also conducted three web-seminars by experts on Industrial Design from companies like Siemens Design, Bangalore etc.

Club was inceptioned in October 2008. It provides a platform to students for learning and innovating real engineering skills and encourages them to participate in different CDS events. The club has brought many laurels to the institutions and students have won prizes worth Rs. 18 lakhs till date. The club has also been awarded as Best Collegiate Club in SAE Northern India section.

The club not only won prestigious positions nationally but internationally as well. In the year 2019, the students of the club participated in NASA Human Exploration Rover Challenge 2019 for the first time. The team bagged the prestigious AIAA Neil Armstrong Best Design Award making INDIA proud at international level.
Krishna Institute of Engineering & Technology (KIET) was established in 1998 by Krishna Charitable Society at Ghaziabad, U.P. It is located on the Ghaziabad – Meerut Highway.

The Mechanical Engineering Department of KIET has a reputation of being among the finest in the state and is dedicated towards the advancement of technology and science. The department was established in 1999 with the objective to impart quality education in the core field of Mechanical Engineering.

ABOUT THE CONFERENCE

Innovative Technologies in Mechanical Engineering (ITME 2019) is going to be held in the Department of Mechanical Engineering, KIET Group of Institutions, Ghaziabad, Uttar Pradesh, India on October 18-19, 2019. As new technologies are introducing every day that will drastically transform the future of this mechanical engineering. The aim of the conference is to provide a platform to bring researchers from local, national and international levels to meet the following objectives:

- Creating contacts as possible to provide a means for scientific and industrial exchanges.
- Boosting the scientific and research collaborations with other scientific centres in the country and around the world.
- Promoting the basic and applied research in mechanical engineering, identifying the top ideas and promoting them into productive projects.
- Strengthening the interaction and communication between educational institutions and the industries.
- Finding out the latest scientific achievements and research methods.
- To encourage academics for doing more research in new fields and innovations.

The conference will highlight the related focused areas based on the following themes:

- Engineering Design and Machinery
- Robotics and Mechatronics
- Tribology
- Composites materials
- Nanotechnology
- Smart and advanced materials
- Conventional and non-conventional machining
- Hybrid manufacturing
- Micro-Machining
- Solar air heaters and concentrators
- Biomass and biogas
- Wind turbines
- Ergonomics and Work Study
- Supply chain and logistics
- Product Design and Development
- CFD
- Combustion and fuels
- Refrigeration and Air-conditioning systems
- Non destructive evaluation of material
- Forming and casting
- Smart and advanced MANUFACTURING
- Noise, vibration and harshness control
- Vehicle safety and pollution
- Rapid prototyping
- Optimization, modelling and simulation
- CAD/CAM/Creo/Pro/FEA/CAE/FDM

CONFERENCE THEMES

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GUIDELINES FOR AUTHORS

- The accepted, presented and extended papers will be published in SCIE/SCOPUS indexed journal/Proceeding.
- The conference is aimed at an exchange of ideas and concepts among a broader group including:
  - Researchers
  - Academicians
  - Entrepreneurs and Business Leaders
  - Students
  - Innovators
- The paper can also be submitted at Email Id: itme2019@kiet.edu

PAYMENT INFORMATION

Payment through NEFT/TGS/IMPS or DD in favour of KIET Group of Institutions payable at Ghaziabad.