



ICIAME-2018

4th International Conference on INNOVATIONS IN AUTOMATION AND MECHATRONICS ENGINEERING 2018

(AICTE Sponsored)

02-03 FEBRUARY 2018

Organized by

Mechatronics Department (NBA Accredited), G H Patel College of Engineering & Technology

Bakrol Road, Vallabh Vidyanagar, Anand, PIN – 388120, Gujarat, INDIA

Conference Website : www.gcet.ac.in/iciame2018

Email : iciame2018@gmail.com, iciame2018@gcet.ac.in



Gujarat Technological University

Call for Papers

G H Patel College of engineering & Technology (GCET) is **affiliated with GTU (Gujarat Technological University)** since inception of university. For promotion of engineering education and research number of activities and technical events have been organized by GCET to benefit faculty members and students of technical community.

The Mechatronics Department (NBA Accredited), G H Patel College of Engineering & Technology, Gujarat, India has planned to organize “**4th International Conference on Innovations in Automation and Mechatronics Engineering ICIAME2018**”, 2-3 February 2018. This conference is in continuation of the previous three successful conferences ICIAME – 2013, ICIAME – 2014 and ICIAME-2016.

This international conference will provide a platform where researchers will come together and share their knowledge and experience in the area of automation and mechatronics. Papers from different engineering disciplines are invited as automaton and mechatronics are the multidisciplinary fields of engineering.

We would like to invite you to submit your unpublished genuine research work to this forth coming international conference ICIAME2018 (<http://gcet.ac.in/iciame18/>).

All the presented papers will be published by **Intech Publishers**. Besides being available on intechopen.com, the proceedings will be listed by:



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And submitted for indexing in the Web of Science™ Conference Proceedings Citation Index (CPCI)

Websites for reference:

<http://www.gcet.ac.in/iciame2013/>

<http://www.gcet.ac.in:8080/ICIAME2014/>

<http://www.gcet.ac.in:8080/ICIAME2016/>

<http://gcet.ac.in/iciame18/>

<http://gcet.ac.in/>

Previous Conference Proceedings:

ICIAME2014:

<http://www.sciencedirect.com/science/journal/22120173/14>

ICIAME2016:

<http://www.sciencedirect.com/science/journal/22120173/23?sd=1>



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Prof. U. B. Jani



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About the Institution

Charutar Vidya Mandal (CVM), a registered charitable trust, was established in 1945. Since its inception, the trust has been striving for the upliftment of rural society through education. Today CVM manages over 49 educational institutions in Vallabh Vidyanagar and its satellite township New Vallabh Vidyanagar. G H Patel College of Engineering & Technology (GCET) is one of the institutions governed by CVM. Established with goal of providing excellence in technical education, GCET is a premier engineering institute involved in teaching, research and development activities. GCET is the first engineering college in the state of Gujarat to start degree programme in Mechatronics. During the journey of 21 years, it has achieved several benchmarks in technical education. It offers degree programmes in all other engineering disciplines also. GCET is ranked 23rd among top 100 engineering colleges across the country as surveyed by Data Quest 2017. GCET is also Honoured by ABP NEWS NATIONAL EDUCATION AWARDS 2016 with "OUTSTANDING ENGINEERING INSTITUTE WEST".

Mechatronics is a rapidly developing interdisciplinary field of engineering. It deals with the synergic integration of mechanical engineering, electronic engineering, computer technology and control engineering in the development of electromechanical products, through a unified design approach. It is the need of present era where manufacture of final products requires interdisciplinary knowledge. In the present age of automation, mechanical structure cannot be separated from electronics or electrical connections and control. Hence, the scope and potential of Mechatronics branch is virtually unlimited and incomparable.

About the Conference

The 4th International Conference on Innovations in Automation and Mechatronics Engineering 2018 (ICIAME-2018) will take place at Mechatronics Department, G H Patel College of Engineering & Technology, Vallabh Vidyanagar-388120, Gujarat, India during 2-3 February 2018. The conference has the focus on the frontier topics in the area of automation and mechatronics engineering. This conference will serve as good platform for the entire engineering community to meet and exchange the ideas for the future research and development. All the submitted papers will be peer reviewed and only presented papers will be published. The topics to be covered under the conference are not limited to the following: MEMS and NEMS; Robotics, Automation & Artificial Intelligence; PLC and Micro-controllers; Machine Vision; Micro and Nano fabrication; Modeling, Simulation & Optimization; CFD & Thermal Science Engineering; Manufacturing Engineering; CAD, CAM & CAE; Signal Processing & Condition Monitoring; Oil Hydraulic & Pneumatic Systems.

All presented papers will be published by **INTECH**

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Important Dates:

Draft Paper Submission : **17 December 2017**

Submission of Accepted Paper & Registration Deadline : **31 December 2017**

Advisory Committee

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