

ABOUT THE INSTITUTION

Al-Falah University (AFU) aims to achieve technological excellence through innovation. The Institution was established in 1997 with a goal to provide quality technical education to the engineering students as an affiliated college, that grew into a NAAC accredited 'A' Grade school of engineering. This is now a University: AFU. In the School of Engineering, Department of Mechanical Engineering, established in 1997, is currently running two UG programmes 'Mechanical Engineering' and 'Mechanical & Automation Engineering', and four PG programmes viz. M. Tech in Machine Design, Manufacturing & Automation Engineering, Thermal Engineering and Industrial & Production Engineering. The Department has also facilities for research leading to PhD in specialized areas of mechanical engineering. It also undertakes industrial projects and offers consultancy services to the industrial houses.

LOCATION OF AFU

The University is located in serene environment near village Dhauj in Faridabad which is about 20 kms from Delhi (Badarpur Border). University's bus facility is available from various important locations of Delhi.

ACCOMMODATION FOR DELEGATES

Limited accommodation is available in the campus hostel on first come first serve basis on nominal charges. The University might make the staying arrangements on prior request and payments. The Delegates may make their own arrangements for stay in Delhi/Faridabad.

CONFERENCE THEMES

The conference topics include, but are not limited to the following broad areas:

Thermal Engineering:

Fluid Mechanics, Heat Transfer, Computational Fluid Dynamics, IC Engine, Automobile Engineering, Pollution Control, Thermal Power Plants, Fuel Cell Technology,

Thermal Systems, Jet Propulsion, Turbo Machines, Refrigeration & Air conditioning, Energy Conservation, Renewable & Non Conventional Energy Sources.

Design Engineering:

FEA/FEM, Tribology and Maintenance, Stress Analysis and Fracture Mechanics, Simulation & Modeling, Vibration and Noise Control, Non-linear Mechanical Systems, Dynamic Systems, Mechatronics,

Manufacturing Engineering:

Composite Materials, Fatigue and Fracture, Industrial Engineering and Management, TQM, Six Sigma/Taguchi Techniques, Scheduling, Plant Layout, Material Handling, Optimization Techniques. Fuzzy Logic, Artificial Neural Network, CAD/CAM/CIM/FMS, Group technology, e-manufacturing, Metal Cutting, Tool Design, Nano-manufacturing, Rapid Prototype development, Entrepreneurship & Ergonomics.

SUBMISSION OF PAPERS:

Authors are requested to send the abstract and/or full length paper to ncame@afset.org. The papers should be limited to 2500 words. The format of the paper will be conveyed with the acceptance of the 'abstract'.

Important Dates:

Submission of Abstract	27/03/2015
Notification of Acceptance of Abstract	03/04/2015
Submission of full paper	07/04/2015
Acceptance of Paper	10/04/2015
Last date for receipt of Registration Fee	14/04/2015

Fee Structure:

Category	Fee
PG Students/Research Scholars	Rs. 1000
Delegates from academic institutions/R & D Organizations	Rs. 1200
Delegates from Industry	Rs. 2000

The registration fees should be paid in Cash or by Demand Draft in favour of "Al-Falah University" payable at Faridabad.

**National Conference on
Advancements in
Mechanical Engineering
(NCAME-2015)**

Name: Mr./Ms/Dr. _____
(In capital letters)

Designation: _____

Department: _____

Organization: _____

Qualifications: _____

Author's Category: Academics, Industry, research Scholar/PG Student

Address for correspondence: _____

Phone: _____ Fax: _____

E-mail ID: _____

Title of Paper: _____

DD No.: _____ Dated: _____

Amount Rs.: _____

Drawn on: _____

Accommodation Required: YES / NO
Date: _____

Signature of
the Delegate/Participant

Signature of
Sponsoring Authority
(Seal)

PATRON: Mr. Jawad Ahmad Siddiqui,
Chancellor, AF University, Faridabad.

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ADDRESS FOR CORRESPONDENCE

Prof. Mohd. Parvez,
Head
Department of Mechanical Engineering
Al-Falah University, Dhauj, Faridabad, 121004
Tel: +91-9990367090 / 9873297774
E-Mail: ncame@afset.org

**NATIONAL CONFERENCE
ON
ADVANCEMENTS IN
MECHANICAL ENGINEERING**

on April 16, 2015

is being organized by

**DEPARTMENT OF
MECHANICAL ENGINEERING
AL-FALAH SCHOOL OF
ENGINEERING & TECHNOLOGY
(NAAC 'A' Grade Accredited Institution)
AFU, FARIDABAD (HARYANA)**



Website: <http://www.alfalahuniversity.edu.in>
E-Mail: ncame@afset.org
+91-129-2400608 / 9873297774

CONVENOR
Prof Mohd. Parvez, Ph D

CO-CONVENOR
Prof. TA Khan, Ph D

APPLICATION FORM

INTRODUCTION

In the global competitive customer-centric scenario, the field of Mechanical Engineering is advancing at a rapid pace. New Technologies and their applications are emerging in the areas of thermal engineering, automotives, manufacturing science, innovative design and manufacturing management. The challenges faced by today's engineers in different areas of mechanical engineering are forcing them to keep abreast of the emerging trends being reported in research journals and conferences / seminars etc at the global and national levels.

OBJECTIVES OF NCAME 2015

National conference on Advancements in Mechanical Engineering (NCAME) 2015 is intended to provide a common platform to bring together the researchers, engineers, scientists and scholars to exchange and share their experiences, new ideas, and researches about different aspects of Mechanical Engineering, and discuss the challenges encountered and their solutions. Original papers/ Articles/Case studies related to any topic of Mechanical Engineering will be accepted after the review by experts in the field. The conference will include invited lectures by eminent people in the field of Mechanical Engineering besides the technical papers presentations.

CONFERENCE PROCEEDINGS

The proceedings of the Conference will be published in the printed (abstract only) and digital forms. Both the forms of the Proceedings will be made available to the delegates at the time of registration. The author (at least one) must register for participation in the conference.

SPONSORSHIP

Organizations are invited to sponsor the conference. Sponsorship Fee will be Rs 15000 for sponsors and Rs 10000 for co-sponsors. The sponsors will be allowed three delegates and co-sponsors two delegates with no fee of registration.