

REGISTRATION FORM

One Week

FACULTY DEVELOPMENT PROGRAMME

ON

MECHANICS OF SOLIDS

15th-19th July, 2019

1. Name (In capital) : _____
2. Designation: _____
3. Organization/Institution _____

4. Qualification: _____
5. Area of Research: _____
6. Experience (in Years):
Teaching: ____; Industry: ____; Research: ____
7. Mobile: _____
8. E-mail: _____
9. Mailing Address: _____

DECLARATION

The above information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Date: _____ Signature of applicant

Place: _____

Head of the Institution/Organization with seal

Chief Patron

Shri M.P. Jain

Honourable Chairman

KIET Group of Institutions, Ghaziabad

Patron

Dr. (Col) A Garg

(Director KIET Group of Institutions, Ghaziabad)

Chairman, Organizing Committee

Dr. K.L.A. Khan

Professor & Head Department of Mechanical Engineering
KIET Group of Institutions, Ghaziabad

Course Coordinator

Dr. Subodh Kumar Sharma

Co-Coordinator

Dr. Arunesh Chandra

Organizing Committee Members

Dr. K.V. Ojha

Mr. Ajay Kumar

Mr. Sachin Rathore

Mr. Neeraj Kumar

Mr. Prashant Vashishtha

CONTACT FOR INFORMATION



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Toll Free No.: 18003130056

One Week

FACULTY DEVELOPMENT PROGRAMME

on

MECHANICS OF SOLIDS

(MOS-2019)

15th-19th July, 2019

Sponsored by

Dr. APJ ABDUL KALAM TECHNICAL UNIVERSITY

LUCKNOW under TEQIP III



Organized by

Department of Mechanical Engineering

(NBA Accredited)



KIET
GROUP OF INSTITUTIONS

A Technical Campus Approved by AICTE,
Affiliated by Dr. A.P.J. Abdul Kalam Technical University
Accredited by NAAC with Grade 'A'

About KIET Group of Institutions

KIET GROUP OF INSTITUTIONS, Delhi-NCR, Ghaziabad, Uttar Pradesh, has been providing quality education in the field of Engineering for more than 21 years. The Institute is accredited by National Assessment and Accreditation Council (NAAC) with Grade 'A' (5 yrs) and certified by ISO 9001-2008. KIET has been awarded "Excellence Award" by our parent University, Dr. A. P. J. Abdul Kalam Technical University (formally UP Technical University) for imparting quality education and having excellent infrastructure with other academic facilities.

KIET has repeatedly earned a vital position in the Overall Rank Band of 151-200 for Engineering discipline amongst 906 Engineering Institutions in 2018 and among 1007 Engineering Institutions in 2017 by National Institutional Ranking Framework (NIRF) - India Ranking by MHRD, Govt. of India.

It's been the Center of Excellence in various aspects due to its contemporary high tech labs and development of effectively elevating hobby clubs in various departments.

KIET is an approved Research Centre of Dr. A.P.J. Abdul Kalam Technical University, Lucknow and offers Ph.D. programmes in selected streams.

The focus of the institute is to get evolved as an innovative and exclusive Autonomous Institute under Dr. A. P. J. Abdul Kalam Technical University with unique global standards of teaching-learning experience, R&D, quality placements and entrepreneurship.

ABOUT THE DEPARTMENT

The department was established in 1999 with the objective to impart quality education in the core field of Mechanical Engineering with intake of 30 students

and now has the intake of 180. 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 is accredited by National Board of Accreditation (NBA). The faculty in Mechanical engineering department is highly qualified, experienced and dedicated. The department consistently strives to provide world class facilities for education and research. An interactive relationship is maintained between the students and the department. The department has an excellent industrial interaction and contributes to the industry by offering consultancy services.

Department has filed three patents and published various research papers in reputed National and International journals in the field of design.

SAE-KIET Club of the department has also won "AIAA Neil Armstrong best design award" in the College/University division in NASA's HERC at the US Space and Rocket Centre, Alabama (USA).

OBJECTIVE OF THE PROGRAM

- To provide a platform for the faculty to enhance their knowledge and to deliver the contents effectively to students.
- To gain the knowledge on behavior of different types of materials and their deformation.
- To estimate the load carrying capacity of various structural members.
- To get knowledge about various 2D & 3D stress and theories of failure for material.
- To understand the concept of composite and to explore basic principles of fracture materials and its mechanism.

- Rational approach of design problems related to shaft, springs and different mechanical components of machine.

CONTENTS

- Elementary Mechanics of materials and advance material.
- Application of Energy Principles in beams, columns, shafts and springs..
- Analysis of stresses and change in dimensions of pressure vessels.
- State of stress in 2D & 3D - theories of failure.
- Concept of Unsymmetrical bending of beams, shear centre, curved beam and hooks.

ELIGIBILITY

Faculty with background of Mechanical, Production Manufacturing, Automobile and Material from AICTE approved Engineering Institutions and Engineers from industries working in the field of design.

SPEAKERS AND TRAINERS

Faculty of concerned domain from reputed academic institutions(IITs, NITs, JMI, DTU, etc.)

REGISTRATION

There is **no registration fees** for the course. The filled and scanned registration form in pdf format should be E-mailed to fdpmos@kiet.edu

The last date for registration is 10th JULY 2019. Registration is limited to a maximum of 50 participants based on first come first serve.