

Learn

DRDO- ARMAMENT sponsored
A One Day Seminar
On
RECENT APPROACH OF FRACTURE
MECHANICS IN ARMAMENT MATERIALS

28.11.2017

Registration Form
(To be filled in block letter)

Name :

Department:

Gender : Male / Female

Designation:

Organization:

Address for Communication:

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Phone:

Email id:

Demand Draft Details:

DD No & Date:

Amount:

Bank Name:

Date:

Signature

Work

ORGANIZING COMMITTEE

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Dr. P. Appukutty
Chairman, P. A. Institutions

PATRON

Dr. Lakshmi Appukutty
Vice Chairperson, P. A. Institutions

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Head of the Department

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Mr.N.Gnanasekar M.E., (Ph.D)
Assistant Professor,
Department of Mech

CO-ORDINATOR (S)

Mr. M. Parthasarathy
Mr. I. Akilan
Assistant Professor (s),
Department of Mech

ADDRESS FOR CORRESPONDANCE

Mr.N.GNANASEKAR M.E., (Ph.D)

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Mr. I. Akilan M.E.,



Organized by

DEPARTMENT OF MECHANICAL ENGINEERING
P. A. COLLEGE OF ENGINEERING AND
TECHNOLOGY

(An ISO 9001 : 2008 Certified Institution)
Accredited by NBA and NAAC with 'A' Grade
Pollachi - 642 002.

Pone : 04259 - 221386 / 87
Fax : 04259-221386
E-mail : pacollege@yahoo.com
Website : www.pacolleges.org



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ABOUT THE INSTITUTION

P. A. College of Engineering and Technology (PACET) is located on the State Highway (SH-19) about 2 km from Pollachi and 42 km from Coimbatore. The College is in the reach of about 40 minutes drive from Coimbatore airport & railway station and one hour from Tiruppur. The Arul Jothi Charitable Trust promoted by Dr. P. Appukutty, Chairman and Managing Trustee, with 35 years of experience in Technical Education had established this institution in 2008, with a vision to progress and to become a center of excellence in Engineering, Technology and Management through creative and innovative practices in teaching and learning and promoting research and development to produce globally competitive and employable professionals.

This Institution is approved by AICTE affiliated to Anna University Chennai with ISO Certification and also accredited by the National Board of Accreditation (NBA) and NAAC with 'A' grade. It offers five UG Programmes (B.E in Civil, CSE, ECE, EEE and Mechanical Engineering) and three PG Programmes (M.E in CSE, VLSI Design and Power Electronics & Drives). The college has strong Industry Institute Partnership Cell for placement, guest lectures and projects

ABOUT THE DEPARTMENT

The college introduced B.E - Mechanical Engineering in the year 2009-2010 with the student's strength of 60 which has been increased to 120 in the year 2011-2012. The department has got well qualified faculty who dedicate their services for the cause of Mechanical Engineering. The students are imparted with good inspirational lectures on kinematics, thermodynamics, fluid mechanics, theory of machines, hydraulic and pneumatic machines, thermal and heat transfer, CAD/CAM, refrigeration and air-conditioning. The students undergo hands-on-training in well equipped laboratories of fine infrastructure, as required by the industry.

Work

VISION AND MISSION OF THE DEPARTMENT

Vision

To achieve standards of quality education by keeping pace with modern trends and create technical manpower with capabilities of accepting challenges.

Mission

To impart quality and value based education among students to nourish the knowledge in Mechanical Engineering, create competent professionals and provide all possible support to promote research and development activities.

OBJECTIVE OF THE SEMINAR

The seminar focus on need to use materials which will be resistant to fracture and to design Structures-such that cracks/flaws will not cause catastrophic failure is well recognized. Research over the past two decades has provided a core of knowledge on the mechanics of fracture. This seminar is now being focused to solve important engineering problems in the safe design, the structures which may contain flaws during their service life. It will also provide fracture specialists with a useful source of new ideas on fracture applications from areas outside their own specialization.

CONTENTS

This Seminar covers a complete solution for

- Introduction to Fatigue and Fracture Studies
- A Multiscale Vision for Computational Fracture Mechanics
- Interpretation of Fractographic Features in Armament Materials
- A Taxonomy of Approaches to Simulation of Crack Propagation with Case Studies

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RESOURCE PERSON

Sessions will be handled by Experts from reputed Institutions and Industries in the relevant field

ELIGIBILITY

Faculty from AICTE approved Institutions and Industries with relevant background in MECH / PROD / AERO / AUTO / MECHATRONICS /MANUFACTURING and INDUSTRIAL ENGINEERING branches are eligible for the programme.

IMPORTANT DATE

Last Date for Registration : 18.11.2017

Intimation of selection : 21.11.2017

Confirmation by Participants: 25.11.2017

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus.

REGISTRATION FEE DETAILS

Students : Rs 250/-

Faculty / Research Scholar : Rs 300/-

Industrial Person : Rs 350/-

DD to be drawn in favour of

The Principal,

P. A. College of Engineering & Technology,

Pollachi - 642002

ABOUT THE LOCATION

The college is situated at Pollachi on the State highway (SH-19) about 45 km from Coimbatore and 60 km from Tirupur. It is well connected by road and rail.