

AMAL JYOTHI COLLEGE OF ENGINEERING

Amal Jyothi College of Engineering has established itself as a benchmark of excellence in technical higher education and research. Founded in 2001 by the Catholic Diocese of Kanjirappally, Amal Jyothi is approved by the AICTE and affiliated to APJ Abdul Kalam Technological University (KTU), Kerala. It is the first new generation engineering college in Kerala with the prestigious NBA accredited departments and the first engineering college in Kerala with the recognition of 'A' grade from NAAC.

DEPARTMENT OF MECHANICAL ENGINEERING

Established in 2004, the department offers B.Tech degree of 4 years duration and M.Tech degree in Machine Design of 2 year duration. Department is active in acquiring funded projects from various sources.



REGISTRATION

Participants are requested to pay a fee of ₹1000 at the time of registration on 17th July at the event venue. Registration will be limited to the maximum of 30 participants. Email the scanned copy of the registration form as shown in this brochure to the contact email id.

CO-ORDINATORS

Tony Varghese
Rohit Rajeev
Manu Moses Jacob

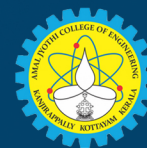
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LAST DATE FOR REGISTRATION
13th July 2017



AMAL JYOTHI
COLLEGE OF ENGINEERING

**FACULTY DEVELOPMENT
PROGRAMME ON**

DO ENGINEERING: CONVERGENCE AND EMPLOYABILITY

17th to 19th July 2017

in association with



**Institution of
Engineers**



**Indian Society for
Technical Education**

Certified By



Organised By

Department of Mechanical Engineering

Amal Jyothi College of Engineering
Kanjirappalli, Kottayam - 686518

ABOUT THE PROGRAMME

The workshop aims to give a good overview in the fields of: machine design, precision fabrication, assembly, system integration, testing, control system design, vibration testing, CAD / CAM, data acquisition, Finite element / CFD analysis, NDT and Fluid Dynamics.

The workshop will help freshers to attain engineering skills & aptitudes. This program will make the youngsters "Industry ready" and equip them to manage / operate advanced machines, equipment and instrumentation systems, mainly in the fields of: precision fabrication, assembly, integration and condition monitoring.

PROGRAMME SCHEDULE

Day 1 - 17th July

- Softwares for research and industry: NI LabVIEW, ANSYS and ME Scope.
- Applications in Motion Control, Product Design, Instrumentation, Vibration Control and Mechatronics.
- "Do Engineering" Concept: Classroom demos, animated course materials.
- Project Vs Product: Steps to apply for research funds, Certifications, Industrial collaborations.

Day 2 and 3 - 18th and 19th July

- Hands on Training: NI Labview: Data acquisition and sensor integration, Vibration testing fundamentals, Case studies

RESOURCE TEAM



Tiera is an expert team in vibration analysis and a certified Labview developer.

They are one of the pioneers in training for vibration analysis, control and condition monitoring, and machine dynamics.

FACULTY
DEVELOPMENT
PROGRAMME
ON

**Do Engineering:
Convergence and
Employability**

REGISTRATION FORM

(Photocopies may be used for additional participants)

Name: Dr/ Mr./ Ms. _____

Designation / Dept.: _____

Qualification: _____

(Degree, Specialization)

Institution Name: _____

Years of Teaching Experience: _____

Is the Institution approved by AICTE?: Yes / No

Do you want accommodation?: Yes / No

Address for communication: _____

Phone: _____ Mobile: _____

Email Id (compulsory): _____

Signature
of the applicant

Signature of Principal
/ HOD with seal

DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the above programme. I shall attend the programme for the entire duration.

Signature of the applicant