

Sponsorship Certificate

(For applicants from AICTE approved institutions)

Certified that Mr/Mrs/Dr.....
.....

is an employee of our institution and is hereby sponsored for the AICTE sponsored QIP Short Term course on **“Biomechanics for Engineers”** at TKM College of Engineering, Kollam – 5 during 12-17 March 2018.

Signature of Sponsoring Authority

Date:

Designation

Office Seal

Place:.....

Date:.....

HOW TO APPLY

Application forms in the prescribed format duly filled up in all respects, along with the sponsorship certificate from the head of the institution, should reach the coordinator before the last date. Applications received after the declared date will not be considered.

ELIGIBILITY

This course is intended for the faculty members of all engineering disciplines. Number of seats are limited. Participants may submit an advance copy through email to co-ordinator(s) to ensure their seats.

FINANCIAL ASSISTANCE

No registration fee will be charged for participants from government and self financing education institutions approved by AICTE. Boarding and lodging will be provided as per the requirement. All faculty attending the course in full are eligible for TA/DA as per AICTE norms.

IMPORTANT DATES

Last date for submission

of application form : **8th March, 2018**

Intimation of selection : **10th March, 2018**

(through email/phone)

ADDRESS FOR COMMUNICATION

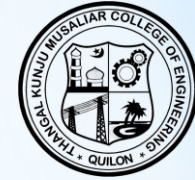
*The Co-ordinator,
“Biomechanics for Engineers”
Department of Mechanical Engineering
T.K.M. College of Engineering
Kollam, Kerala. Pin: 691 005.*

For more details contact

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TKM COLLEGE OF ENGINEERING.
KOLLAM,KERALA 691 005



QIP Short Term Course

on

“Biomechanics for Engineers”

MARCH 12-17,2018

Sponsored by AICTE

Co-ordinators

Prof . HASHIM .N

Prof. RESMI.S.L

Prof. FIROZ.N

Organised by

Department of Mechanical Engineering

T.K.M. College of Engineering,

Kollam - 691 005, Kerala



About the College

The Thangal Kunju Musaliar College of Engineering was established in the year 1958 as the first grant-in-aid engineering college in the state of Kerala by the Late Janab Thangal Kunju Musaliar, an industrialist, philanthropist and a great visionary who played a vital role in providing the much needed momentum to the state's economy. Started with three branches and 120 students, the college now admits more than 600 students in the 8 under graduate programmes. The college also offers post graduate programmes in engineering, management and computer applications. The campus is located at Karicode, 6 km from Kollam city along the NH 744 and 70 km from Trivandrum International Airport.

About the Department

The Mechanical Engineering Department has carved a niche for itself by offering the most competent instructional programmes to the students. In addition to the 2 UG Programmes (Mechanical Engg. and Production Engg.) the department is conducting a PG programme on Industrial Refrigeration and Cryogenic Engineering. The Department is an approved QIP research centre for University of Kerala and APJ Abdul Kalam Technological University. The UG Programme in Mechanical Engineering is accredited by NBA for 6 years. The Department has very good interaction with organizations like Indian Space Research Organisation (ISRO), Indian Institute of Science (IISc), Bangalore, Karlsruhe Institute of Technology-Germany, University of Twente-Netherlands, Kookmin University-South Korea and so on.

About the Course

Biomechanics is one of the most emerging areas of engineering where engineers can explore the mechanics of the human body. A common platform for both clinical and engineering communities having interest in learning and exploring biomedical engineering. The programme will reveal the role of engineers in the medical field, kinematics and dynamics of the human body or organs and the application of biomechanics in orthopedics, medicine, physiotherapy, rehabilitation, sports and cardio prosthesis.

The sessions will be handled by experts from clinical and engineering streams. The course will cover both fundamental and current clinical challenges and developments in Bioengineering.

Course Content

Kinematics and Dynamics, Anatomy of the human body, Orthopedics, Medical Image Processing, Sports biomechanics, Prosthesis design, Artery stent design and procedure, Tissue engineering and Training on analysis software.

Resource Persons

Researchers and experts from prestigious institutions and hospitals in India and abroad and eminent academicians from reputed institutions.

QIP Sponsored Short Term Course on Bio Mechanics for Engineers

MARCH 12-17, 2018

Registration Form

1. Name:.....
(In block letters)
2. Age:..... Sex.: Male/Female
3. Designation:.....
4. Name of the Institution/Organisation.....
.....
.....
5. Address for communication:.....
.....
.....
6. Contact No:.....
7. Email:.....
8. Specialization:.....
9. Experience:.....

Certificate

Certified that the information furnished above is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the conduct of the programme

Place:

Date :

Signature of the Applicant