

REGISTRATION FORM

TEQIP III SPONSORED

One week
Faculty Development Programme
On
Design of Thermal Systems
27th to 31st August, 2018

Name: _____

Organization: _____

Designation: _____

Communication Address: _____

Mobile No.: _____

Email: _____

DD No/Date: _____

Signature of the Applicant

This is to certify that _____

is a regular faculty of our institution and is hereby sponsored for attending one week Faculty Development Programme on Design of Thermal Systems from 27th to 31st August 2018. at MCE, Hassan

Place:

Date:

Signature with seal of Sponsoring Authority

ORGANIZING COMMITTEE

CHIEF PATRON

Sri. Ashok Haranahalli
Chairman, MTES, Hassan

PATRONS

Sri. B.R. Gurudev
Vice-Chairman, MCE, Hassan

Sri. R. T. Dyave Gowda
Secretary, MTES®, Hassan

Sri. R. Sheshagiri
Treasurer, MTES®, Hassan

Dr. K.S. Jayantha
Principal, MCE, Hassan

Dr. M.S. Raviprakash
Vice-Principal, MCE, Hassan

Dr. N. S. Jyothi
Professor & TEQIP Coordinator MCE, Hassan

Dr. C. V. Venkatesh
HOD, Mechanical, MCE, Hassan

Dr. Reeta Sarmah
Principal, JEC, Jorhat

Dr. P. B. Barua
HOD, Mechanical, JEC, Jorhat

COORDINATORS

Dr. Ezhil Vannan S
Professor, MCE, Hassan

Prof. Vijayavithal Bongale
Associate Professor, MCE, Hassan

Prof. Hareesha M
Assistant Professor, MCE, Hassan

Dr. Devakanta Rabha
Assistant Professor, JEC, Jorhat

Malnad College of Engineering

Hassan-573202, Karnataka.

(An Autonomous Institution, Affiliated to VTU, Belagavi)



TEQIP- III SPONSORED

One week Faculty Development Programme
On
Design of Thermal Systems

Twinning Programme with
Jorhat Engineering College, Jorhat

27th -31st August, 2018

Organized By



Department of Mechanical Engineering
(NBA Accredited Programme under Tier-I, New Delhi)
Malnad College of Engineering
P.B. No.21, Salagame Road,
Hassan-573202, Karnataka

ELIGIBILITY

- Faculty members and Research scholars/PG students from technical Institutions
- Practising Engineering from Industry and R&D organizations

REGISTRATION FEE

Faculty from TEQIP Institutions	: Rs 1000
Research Scholars/PG Students	: Nil
Participants from Industries	: Rs 2000
Faculty from Non- TEQIP Institutions	: Rs 400

The registration fee must be paid through Demand Draft drawn in favour of “**The Principal, MCE**” pay at Hassan.

ACCOMMODATION AND TRAVEL

Accommodation for pre-registered delegates can be arranged in campus Guest House or Hostel on payment basis if available. The delegates will have to bear the expenses. TA/DA will not be paid for attending FDP. However, working lunch/tea will be provided during the course.

REGISTRATION

Registration form in the enclosed format filled and signed by approved/sponsored by the competent authority should reach to the Course Coordinator on or before 25th August, 2018. The selected applicants will be informed through email.

The registration form should be send to:

Dr. Ezhil Vannan S.
Professor
Department of Mechanical Engineering
Malnad College of Engineering
P.B.No 21, Salagame Road, Hassan-573202, Karnataka,
India
Email: evs@mcehassan.ac.in/ezhilsil@yahoo.co.in
Mobl: +91-9845575450

REGISTRATION/INAUGURATION:

Registration : 09.15 to 10.15 A.M, 27th August, 2018
Inauguration : 10.15 A.M, 27th August, 2018
Valedictory : 3.00 P.M 31st August, 2018

VENUE: Mechanical Seminar Hall, MCE, Hassan

IMPORTANCE & SCOPE OF THE COURSE

Thermal systems are essential features in power, chemical processing, air conditioning, and other industries where heat and power are used. As the cost and complexity of designing thermal systems have increased, the need to understand and improve the design process has also grown. In recent years, there has been a tremendous growth in the development and use of thermal systems in which fluid flow and transport of energy play a dominant role. These systems arise in many diverse engineering fields such as those related to materials processing, manufacturing, power generation, energy conversion, pollution, air conditioning, aerospace and automobile engineering. Therefore, it has become important to apply design and optimization methods that traditionally have been applied to mechanical systems, such as those involved with transmission, vibrations, controls, and robotics, to thermal systems and processes.

COURSE OBJECTIVE

- To create awareness about current research in thermal system design
- To learn the effect of operating conditions, design constraints, and design choices on performance.
- To obtain a physical feel for what constitutes a reasonably designed thermal system.
- To develop the background and proficiency to design any thermal system for a wide range of applications.

COURSE CONTENT

- Spacecraft Thermal Design
- Spacecraft Thermal Testing
- Heat Pipes for Spacecraft Thermal Control
- Design of IC Engine components
- Heat Transfers aspects in Energy Storage Material
- Syngas Generation & Fuelling of IC Engine : Design Challenges & Modelling

RESOURCE PERSONS

Eminent faculty members from IISc Bangalore, IITM, NITK, Research Institutes, Vellore University, JNTU University, Government, Government Aided Institutions, Reputed Institutions and Experts from reputed Industries viz. ISRO & GTRE.

ABOUT HASSAN

Hassan is a naturally air-conditioned city located midway on the Bangalore-Mangalore national highway, about 180 kms from Bangalore and about 165 kms from Mangalore. The world famous temples of Belur, Halebidu and Shravanabelagola, and the Master Control Facility for INSAT Satellites are located in Hassan District

ABOUT THE COLLEGE

Malnad College of Engineering (MCE), Hassan has been established in 1960-61, under the auspices of “Malnad Technical Educational Society (R)”, Hassan. It is a Tier-1 institute approved by AICTE, New Delhi. The college is built on a 41.28 acres campus and has all the facilities expected in a modern engineering college. MCE is offering 09 UG, 04 PG and MCA program. At present the institute has more than 2750 students on rolls. The college is successfully completed TEQIP-I and TEQIP-II with total grants of around INR 20 crores. The college is one amongst the 07 Engineering College in the state qualified & receiving grants for Phase-III of TEQIP, a world bank sponsored project.

ABOUT THE DEPARTMENT

The department of Mechanical Engineering (NBA Accredited during 2004-2007, 2008-2011 & 2017-2020) made its beginning with the establishment of the college in 1960. It offers a 4 years (8 semesters) B.E. course in Mechanical Engineering (Autonomous) with an intake of 180 students and Master's Degree programme in Industrial Automation and Robotics (IAR, started during the year 2004) with an intake of 18 students. The Department is recognised as research centre for carrying out research leading to Ph.D/M.Sc (Engg) by research degree by VTU, Belgaum. So far 13 scholars have completed their Ph.D and 18 M.Sc. (Engg.) by research. Currently there are 26 Scholars pursuing their research work for Ph.D. and 07 for M.Sc. (Engg.) by research in the department. The department has received research grants from funding organisations like DST, AICTE, VGST, VTU, UGC, DRDO, TEQIP, etc. Many of the faculty members have presented their research papers in International conferences held abroad.

To know more about the Department, please visit at www.mcehassan.ac.in/department/mech/