

**MALNAD COLLEGE OF ENGINEERING
HASSAN – 573 202**

(An Autonomous Institution under VTU, Belagavi)
(NBA Accredited Programme under Tier - I Institutes)



TEQIP-III SPONSORED



One week
Faculty Development Programme
on

"Recent Trends in Automotive Technology"

25th - 29th June, 2018



Organized by:
Department of Automobile Engineering
Malnad College of Engineering
Hassan – 573 202

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Professor and TEQIP Coordinator

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HOD, Dept. of Automobile Engg

COORDINATOR:

Dr. A. N. Basavaraju
Professor,
Dept. of Automobile Engineering

CO-COORDINATOR:

Prof. C. Muneer Pasha
Associate Professor,
Dept. of Automobile Engineering

Members:

Dr. M. K. Ravishankar
Dr. R. M. Kanasogi
Dr. K. P. Ravikumar
Mr. H. S. Lokesh
Mr. R. Vijay
Mr. B. G. Premkumar

About the Programme

Automotive technology is the thrust area where heaps of changes being made for improving the overall efficiency of a vehicle. Currently, the technology is focusing on many new areas like engines and alternative fuels, vehicles chassis systems, vehicle safety, transmissions (adding speeds), accessory load reduction, advanced electric propulsion, energy storage system, intelligent transportation and vehicular communication systems, autonomous vehicles, vehicle electrification, hybridization, improved battery managements systems, new battery chemistries, power electronics, NVH and CAE.

The automotive industries are in line with these technological changes. However, the academia is yet to change its curricula to cope up with these rapid changes in the technology. The gap between the academia and industry might be reduced by arranging some workshops/conferences/FDP programs to faculty by industry experts in relevant areas.

The main aim of this FDP is to expose the faculty to new developments in the above areas of technology and the same may be imparted in the student community.

Topics to be covered in the programme:

- Recent Development in Automotive Technology
- Hybrid & Electrification, Need & Market trends
- Improvements in internal combustion engines
- Hybrid and their working principles
- Vehicle onboard diagnostics
- Bus Design and Body Building
- Trends in gasoline systems for emission reduction

ABOUT THE INSTITUTION

Malnad College of Engineering, Hassan, has been established in the year 1960-61, under the auspices of "The Malnad Technical Education Society, Hassan". It is a Tier-I institute accredited by NBA, New Delhi. Hassan is a district head quarter at about 180km from Bengaluru. It is well connected by train and frequent bus services. World famous temples of Belur, Halebidu and Shravanabelagola, the Master Control Facility for INSAT Satellites is located in Hassan District. 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 has successfully completed TEQIP-I and TEQIP-II with total grants of around Rs. 20 Crores. The College is one amongst the 07 Engineering Colleges in the State qualified for Phase-III of TEQIP, a world bank sponsored project.

ABOUT THE DEPARTMENT

Established in the year 1982, the Department of Automobile Engineering traversed the path of Knowledge dissemination and generation as well as delivering over 800 Automobile Engineering graduates to the Nation. Over these 35 glorious years, it has carved a niche for itself in the key areas of teaching, research, administration and community services. The department has highly qualified faculty with more than 50% with Doctorate degree and remaining with Master degree. The Department of Automobile Engineering prioritize the necessary revamping of Automobile Engineering education, which is driven primarily by dynamics of technological advances and sustainable development and with active involvement of industry, alumni, research organizations and other stakeholders. Department offers B.E program and recognized as research center by VTU. Department caters to more than 150 B.E students and many research scholars

Eligibility

Faculty from AICTE approved Institutions (Engineering colleges and polytechnic colleges), research scholars, post graduate students and industry people are eligible to participate in the program.

Registration Fee in Rupees

| | | |
|-------------------------------------|---|--------|
| Participants from industries | - | 3000/- |
| Faculty from TEQIP institutions | - | 2000/- |
| Faculty from non TEQIP institutions | - | 300/- |
| Research scholars/PG students | - | Nil |

Registration fee is in the form of DD drawn in favor of "**The Principal, Malnad College of Engineering, Hassan**". The filled application along with DD is to be sent on or before 10-06-2018. Send scan copy of the registration form to the following email address.

Communication address:

Dr. A N BASAVARAJU

Coordinator,

FDP on "Recent Trends In Automotive Technology",

Department of Automobile Engineering,

Malnad College of Engineering

HASSAN-573 202 (Karnataka State)

Mobile: +91 9448705712

Email: anb@mcehassan.ac.in

REGISTRATION FORM

TEQIP-3
Technical Education Quality Improvement Programme

TEQIP - III Sponsored

NPIU
National Project Implementation Unit

One week
Faculty Development Programme
on

"RECENT TRENDS IN AUTOMOTIVE TECHNOLOGY"

25th to 29th June, 2018

Name :

Designation :

Organization :

Communication Address :

Mobile No :

E-Mail :

Mode of Payment :

Signature of applicant

This is to certify that.....
is a regular employee of our institution and is hereby sponsored for attending one week faculty development programme on "**Recent Trends in Automotive Technology**" from 25th - 29th June, 2018 at MCE, Hassan.

Signature with seal
(Head of the institution)

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SIGNATURE OF APPLICANT

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(Head of the institution)**