

APPLICATION FORM

SHORT-TERM COURSE(STC)
(QUALITY ENHANCEMENT OF
TEACHING/LEARNING PROCESSES)
(27th February to 9th March 2017)

Name:
(In capital letters)
Designation:
Department:
Organization:
Address:
Tel/Fax:
Email:
Accommodation: Required / Not required

Signature with Date:

SPONSORSHIP CERTIFICATE

It is certified that our institute is recognized by AICTE. The applicant is hereby sponsored and will be permitted to attend the above short term course, if selected.

Date: Signature and Seal
of the sponsoring authority

Note:

1. Photo copy additional copies of this form, if needed.
2. Scanned copy of registration form can also be sent by e-mail.

FACULTY

The faculty for the short term course will be mostly from reputed education and research organizations. Also the institute has qualified and experienced faculty.

REGISTRATION

Teachers of AICTE recognized engineering institutions are eligible to apply for the course. Participants will be given course material. Accommodation will be arranged on request on 'first come first serve' basis to the outstation participants. The number of participants is limited to 30 for the course. Since funds are limited, it may not be possible to admit many outstation candidates. Merit and availability of funds will be taken into consideration while selecting candidates. The interested candidates need to apply on the prescribed format by the due date at the following address.

ADDRESS FOR COMMUNICATION

1. **Dr. Manjaree Pandit**
Coordinator, STC
Department of Electrical Engineering
M.I.T.S., Gwalior 474005 [M.P.]
Phone: 0751-2409330 & Mobile No. 9826954902
Fax: 0751-2664684 (By Attention)
E-mail: drmanjareep@gmail.com

2. **Dr. Pratesh Jayaswal**
Coordinator, STC
Department of Mechanical Engineering
M.I.T.S., Gwalior 474005 [M.P.]
Phone: 0751-2409331 & Mobile No. 9826561725
E-mail: pratesh_jayaswal@yahoo.co.in

Last date of receiving completed application forms is 25th February 2017. The candidate will be informed of his selection in advance via email.

FINANCIAL ASSISTANCE

There will be no registration fee for the participants. Free boarding and lodging will be arranged in the Institute Hostels/Hotels/Guest house. Reimbursement towards TA/DA will be made to participants attending the course in full. TA is limited to III AC for to and fro railway fares via the shortest route.

AICTE-QIP SPONSORED



TWO-WEEK SHORT TERM COURSE on QUALITY ENHANCEMENT OF TEACHING/LEARNING PROCESSES

27th February to 9th March 2017

Organized by



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE
(A Govt. Aided autonomous institute under RGPI, Bhopal)
Race Course Road, Gola Ka Mandir,
Gwalior, M.P. 474005
website: www.mitsgwalior.in

PREAMBLE

A quality technical education is one that provides all learners with skills and capabilities required to sustain them in the constantly evolving, competitive world, with competency to solve current and future problems of humanity in an efficient and sustainable manner and to function as responsible citizens indulging in ethical and moral practices in society.

These days, a major paradigm shift, i.e. a transition from teacher centric to learner centric approach is taking place in the teaching-learning mechanism of all technical educational institutes. In simple words, ownership of education is with students now. What is learnt by students is more important now than what is taught by teacher. Every concept needs to be changed to fit into this new system. There is also a need to clearly define the role of teachers in mentoring the students for meeting challenges set at the global level in a technological world which is evolving at a phenomenal speed.

Radical changes are required in the technical education system so that even our average graduates are at par with world standards. This is quite eminent that serious efforts are required to review and explore the numerous issues concerning education in the present context.

In present times, enormous new possibilities present themselves where the teachers can make use of the advanced facilities to improve the teaching-learning experience. Availability of various audio-visual aids, possibility of pre recording of lectures, flipped classes and many other on-line tools to choose from, empower the professors of present times as never before in the history of education.

Education, mainly consists of 4 components; Teaching, Learning, Evaluation/Assessment and Placement.

Teaching and learning are central to accomplishing various goals in education. Therefore, effective teaching is perceived as stimulating, guiding the learner and evaluating the learning outcomes. On the other hand, learning makes changes in an individual's behavior due to value addition and self activity. Teaching-learning cannot succeed without the support of each other. Therefore teaching style of the teacher should match with the learning style and aspirations of the learner.

COURSE CONTENTS

The academic institutes are going through a transition from teacher-centric to learner-centric education system. There is a need to train the faculty for efficiently coping with the needs of the changing pedagogical environment. This kind of pedagogical course expected to create an understanding of global practices and standards in teaching/learning strategies.

Experts from national level institutes, universities and reputed engineering and higher educational institutes will be invited to deliver lectures. The mode of conduction will be interactive where the participants will play an active role. The workshop aims to cover

- Content delivery.
- Curriculum development.
- How to make lectures interesting and effective.
- Learner centric teaching methods.
- Aligning teaching with learning outcomes.
- Interactive teaching-learning.
- Role of project and dissertation supervisor.
- Innovative teaching aids to promote active learning.
- Addressing problems of fast and slow learners.
- Making lab classes more effective.
- Role of teacher in enhancing student placements.
- Creating general awareness through teaching.
- Importance of learning outside the institution.
- Student psychology and behavioural trends.
- Tackling the issue of absenteeism.
- Student assessment and feedback.
- Improving the campus environment.
- Role of teachers in developing research aptitude and motivation for entrepreneurial ventures.
- Enhancing teaching and learning with media resources using case studies.
- Promoting Entrepreneurship in Technical Institutions.
- Industry/Institute Partnership in Technical.
- Institutions: National and International experience.
- E-learning.
- Instructional Design and Instructional Media Development.

ABOUT MTS

Madhav Institute of Technology and Science (MTS), Gwalior was established by His Highness Late Sir Jivaji Rao Scindia, Maharaja of erstwhile State of Gwalior, with an aim to create world class quality Engineers and technocrats capable of providing leadership in all spheres of life and society. Founded as Madhav Engineering College in 1957 with three UG programmes, this temple of learning is now over 59 years old. Since its inception, the institute has constantly strived for excellence and quality. Today the institute offers eleven UG programmes along with research programmes leading to Masters degree in eighteen specializations and Ph.D. in various technical streams. Various departments of the institute have well equipped laboratories and experienced faculty.

The institute is a minor QIP centre for Ph.D. programmes in five disciplines. The institute is also funded by World Bank under TEQP phase II to strengthen the quality of technical education.

LOCATION

Gwalior city has major road and rail connection. The Institute is located on Agra-Bombay Road (NH-8) and is approximately 320 KM from Delhi. Most of the south bound trains from Delhi stop at the Gwalior station. The institute is located in the heart of city and is at a distance of about 2 km from Gwalior Bus Stand/ Gwalior Railway Station.

COURSE CONDUCTION TEAM

Coordinators

Dr. Manjaree Pandit, Dean Academics
Dr. Pratesh Jayaswal, Academic coordinator, TEQP-II

Co-coordinators

Dr. Sunita Sharma, Coordinator, Biotechnology
Dr. Imanish K Sagar, Asso. Prof., Mechanical Engineering
Dr. Vijay Bhunia, Asstt. Prof., Electrical Engineering