

Workshop on “**Advanced Welding & NDT practices**” 5th & 06th May, 2017

Application Form

Participant’s Name : _____

Designation : _____

Organization : _____

Address for Correspondence: _____

Phone :

E-mail :

Fee Details:

Course Fee : Rs 1000/-

Accommodation Fee: Rs 250/- (per day)
(Includes Boarding and Lodging)

Accommodation Required: Yes/No

Last date for receiving application: **28.04.2017**

The Course fee can be paid by DD in favour of
“Dr.Mahalingam College of Engineering and
Technology,

Pollachi” Payable at Pollachi

D.D Amount (Rs): _____ D.D No.: _____

Date: _____ Bank: _____

Signature with Name and Date

Duration

Two days (8 hours per day)

Resource Persons

The training sessions will be handled by experienced instructors and trainers from TUV Rhineland pvt Ltd.

HOW TO APPLY

The applicants should fill the application form and send to us by email/post on or before 28.04.2017. All communications will be made through e-mail only.

Note: Limited Seats, Maximum 20 Participants

For Further details:

Dr.D.Shanmugam
Associate Professor
MCET TUV Rhineland Centre for Advanced
Training (Welding and NDT),
Department of Mechanical Engineering,
Dr. Mahalingam College of Engineering and
Technology,
Pollachi –
642003 Tamil
Nadu.

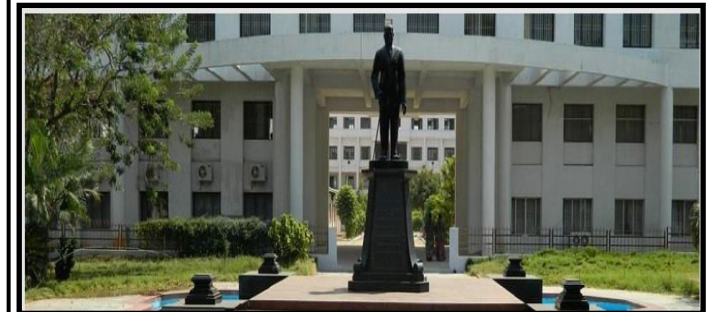
Mobile: 9942344437, 9962213458

Web: www.mcet.in

Email: dshanmugam@drmcet.ac.in

Two day workshop on
“**Advanced Welding
&
NDT practices**”

05 & 06 May 2017



**Organized by
Department of Mechanical Engineering**

And

**MCET TUV Rheinland Centre for
Advanced Training (Welding & NDT)
Dr. Mahalingam College of Engineering and
Technology,
(An Autonomous Institution)
Pollachi-642003
www.mcet.in**

About the Institution

Dr. Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 with a mission to impart high quality competency based education in Engineering and Technology to the younger generation to equip them with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is an Autonomous; Self-financing, Coeducational Engineering College and it is approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to Anna University, Chennai. The Institute has been accredited by the

National Board of Accreditation (NBA) and NAAC with 'A' grade and is ISO 9001:2008 certified by TUV. The MCET currently offers 9 UG, 6 PG and 3 Doctoral programs in Engineering and Technology.

About the Department

The Department of Mechanical Engineering started in the year 1998 offers one UG program (B.E. Mechanical Engineering) and one PG program (M.E. CAD/CAM). It has been recognized as research centre to have interaction with Anna University for collaborative research programme which leads to Ph.D. The department is equipped with well qualified, experienced faculty members and well established laboratories. It is also an accredited institution by NBA, New Delhi. The department offers value added courses apart from the regular subjects which enable the students acquire marketable skills, the value added courses offered include; Hyper works, Abaqus, ANSYS, CATIA, Solidworks, AutoCAD, Edge CAM etc

About the Centre

Dr. Mahalingam College of Engineering and Technology (MCET) has established the MCET TUV Rheinland Centre for Advanced Training – Welding & NDT in Collaboration with TUV Rheinland Germany who are global leaders in Certification body, with the primary objective of producing skilled manpower in latest industrial technologies.

The centre is equipped with advanced welding machines and equipments and is capable of providing training in the area of,

SMAW/MMA, GMAW/MIG/MAG, GTAW/TIG, Oxy-Acetylene Welding & Cutting, Brazing, soldering and Non Destructive testing methods such as Magnetic particle testing (MPT), Die Penetrant Testing (DPT), Ultrasonic testing (UT) and Radiography film viewing

About the Program

Welding plays an important role in fabrication sector. As the usage of steel is projected to increase, the need for skilled welders is also under demand. While the technology of welding has evolved dramatically during the recent days, the need for skilled welders is essential.



The main objective of the programme is to create an opportunity to gain hand on experience in area of welding processes such as SMAW, GTAW and GMAW. NDT forms an essential part of post weld operation for ensuring the quality of welded part. Knowledge on NDT methods is also very essential to understand the quality of weld. Exposure will be given on the procedure involved and handling of machines in carrying out NDT methods such as MPT, DPT, Ultrasonic testing UT and Radiography film viewing.

The training programme is device to gain a practical exposure in handling of machines and equipments related welding and NDT for the faculty/staff of engineering colleges in Tamil Nadu.

The trainees will be engaged more in practical to gain hands on experience.

Course Details

The program aims at providing adequate knowledge and hands-on experience, and is structured around the following components:

- Advanced Welding process and Applications.
- Hands on training in use of SMAW/GTAW and GMAW machines with similar and dissimilar metals
- Exposure to different positions of welding such as:
 - Fillet (Plates) – 1F, 2F, 3F and 4F
 - Groove – 1G, 2G, 3G and 4 G
 - Pipe (Groove) - 1G, 2G, 5G and 6G
- Standards used in welding practices
- Exposure in handling of DPT, MPT and UT NDT methods

