

IMPORTANT DATES FOR PROGRAMME

Last Date for application: 20/05/2018
Confirmation of selection: 21/05/2018
(By email only)

RESOURCE PERSONS

Course faculty consists of eminent experts from industry and academia.

FOR WHOM

This Programme is unique in the sense that it will provide an excellent opportunity to the faculty of various branches of Engineering like Aeronautical, Mechanical, Production, Automobile, Chemical, Rubber, Metallurgy, Plastic, Industrial and fabrication technology, etc. from degree and diploma engineering to have an in-depth knowledge of conventional and advanced welding techniques and an opportunity to have a hands on experience on the state of the art welding equipment

REGISTRATION FEES (Non Refundable)

For the faculty Rs 2500/-
For the students Rs 2000/-
For Industry Rs 3500/-

By DD/Cheque in favor of "KEEPSAKE WELDING RESEARCH & SKILL DEVELOPMENT CENTRE", AHMEDABAD, Payable at Ahmedabad.

HOW TO APPLY

The applicants are required to send the completely filled application form so as to reach the coordinator on or before 20/05/2018. Fill the data on below mentioned link:
<https://goo.gl/forms/tWtLBBHxR7dqubUj2>
and send the scanned copy of filled application form and DD on coe_welding@ldece.ac.in

ADDRESS FOR CORRESPONDANCE

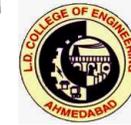
Centre of Excellence – Welding
Keepsake welding research and skill development Centre, Workshop Building, L. D. College of Engineering, Ahmedabad-380015

ABOUT THE INSTITUTE

L.D. College of Engineering, Ahmedabad is a premier engineering institute in Gujarat State set with the objectives of imparting higher education, research and training in various fields of engineering & technology. The institute is affiliated to Gujarat Technological University, Ahmedabad and administrated by Department of Technical education, Gujarat State, Gandhinagar. The institute was established in June 1948 with a generous donation of Rs. 25 lacs and 31.2 Hectares of land by the textile magnate Sheth Shri Kasturbhai Lalbhai. It is situated in vicinity of Gujarat University, PRL, ATIRA, and IIM, etc. The campus is having buildings for various departments, offices, hostels, and residences for Principal, rector and wardens. The plinth areas of college and hostel buildings admeasure 45,220 m² and 12,556 m² respectively.

ABOUT THE DEPARTMENT

Mechanical Engineering Department offers B.E. in Mechanical Engineering, Automobile Engineering and M.E in CAD/CAM, Cryogenic Engineering and Internal Combustion and Automobile Engineering, and PDDC in Mechanical Engineering. Department has well equipped laboratories with the state-of-the-art equipment and machines. Department has two Centres of Excellence, CoE-Siemens and CoE-Welding.



**Two week
Short Term Training Programme
"INNOVATION AND ADVANCEMENT IN
CONVENTIONAL INDUSTRIAL WELDING
PRACTICES"**

On

(28/05/2018 to 08/06/2018)



Chief Patron

Dr. G. P. Vadodaria

Convener

Dr. G. H. Upadhyay

Coordinators

Dr. P. R. Rathod Mr. R. N. Bateriwala

Co-Coordiators

Prof. S. R. Pandya Dr. M. D. Chaudhari
Prof. D. K. Patel

CURRENT CHALLENGES AND KEY ISSUES

IN INDUSTRY:

- Shortage of directly employable (trained) degree diploma pass outs.
- Lack of Problem solving and decision making capability in the students.
- Lack of communication skills.
- Absence of a strong bondage between industry and institution.

This STTP is a small step forward in the direction of eliminating the aforementioned problem areas.

PROGRAMME OBJECTIVES:

1. Participants will have an in-depth knowledge of fundamentals of the conventional and advanced Welding processes.
2. Participants will be able to select appropriate welding processes and parameters for appropriate application.
3. Participants will have hands on experience of conventional & advanced welding processes.
4. Participants will observe defect free and safe welding Practice.
5. Participants will study the metallurgy inside the welding.
6. Participants will conduct the various inspection and testing procedures (including NDT) themselves.

COURSE CONTENT:

- ✓ Brief overview of the Importance of Welding processes in various Industries.
- ✓ Fundamentals of Basic welding processes.
- ✓ A brief introduction to all the Conventional & Non-Conventional welding processes.
- ✓ Brief on Thermal Spray Coating on Materials.
- ✓ Overview of Welding Defects and its Testing.
- ✓ Importance of Heat Treatment in Welding and brief about welding metallurgy.

- ✓ Fundamentals of Welding Power source and Good Welding Practice.
- ✓ Automation of welding processes and Robot programming for Welding Processes.
- ✓ Brief about Advanced welding Processes and Technology.
- ✓ Hands on practice on all Welding Processes and Robot Programming.

CENTRE OF EXCELLENCE (CoE) –

WELDING

(Keepsake Welding Research & Skill Development Centre)

Keepsake Welding Research & Skill development Centre of Excellence has been established at L. D. College of Engineering Ahmedabad as per MoU among,

- Centre for Entrepreneurship Development (CED),
- Gujarat Technological University
- Keepsake Engg. Pvt Ltd, Ahmedabad, and
- L D College of Engineering, Ahmedabad.

Facilities at CoE- Welding

- The Centre is equipped with sophisticated welding machines utilized by modern industry for quality production.
- The MIG welding machines are from LORCH Germany;
- TIG machines are from LORCH Germany;
- 8 Axis Robots from KUKA Germany;
- HVOF Coating Facility
- PAW (Wire & Powder) machine

APPLICATION FORM

Two week Short Term Training Programme

On “INNOVATION AND ADVANCEMENT IN CONVENTIONAL INDUSTRIAL WELDING PRACTICES”

(28/05/2018 to 08/06/2018)

1. Name: Mr./Ms.....
2. Email:
3. Mobile No.:
4. Address:
5. Edu. Qualification:
6. Type of Organization: Gov/Private/NGO
7. Name of Organization:
8. Organization Address:.....
Phone.....
Fax.....
Email.....
9. ISTE/ASM Membership No.....
10. Experience (years) in relevant area Teaching/Industry/R&D:
11. Area of Interest:
12. Course fees Rs thro DD/Ch. NO _____
Date: _____
Place: _____
Date: _____ Signature of the Applicant

Certified that the above applicant is employed in our organization and the information stated by him/her is verified and found correct. We therefore, sponsor him/her to attend the short term training organized at your institute.

Date: _____
Signature of sponsoring
Authority with seal