



GUJARAT TECHNOLOGICAL UNIVERSITY

Request for Proposals for Hosting GTU CENTRE OF EXCELLENCE FOR WELDING

GTU is planning to establish a few centres of excellence for skill up-scaling and skill development. The objective is to have one such centre in every zone of GTU. The centre will be called GTU Centre of Excellence and will be located at one of the engineering colleges/ polytechnics, affiliated with GTU.

GTU will invest in the development of each of these centres. It will also recruit and pay for the salaries of the faculty members working at the centre.

The primary objective is to provide facilities for hands-on experience on today's technologies and help develop new pedagogical methods in the workshops. This will be designed to be a research and innovation centre where the focus will be on Training, Knowledge transfer, Projects, Application, Research and Innovation.

OBJECTIVES:

- To expose our students to state-of-art technologies for improving their employability and for enabling them to exploit greater opportunities for developing entrepreneurship
- To develop industry-institute partnership in the field of Welding Technologies
- To provide training to personnel of the industries
- To establish a center for skill development
- To help create a center of research, which not only keeps abreast of the technologies being developed in the world but also helps the local industries to develop the new technologies
- To provide facilities to post-graduate students for their research work in the field of welding technologies.

THE PROPOSED CENTRE WILL HAVE:

- Tungsten Inert Gas (TIG) welding,
- Metal Inert Gas (MIG) welding or Metal Active Gas (MAG) welding,
- Plasma welding
- Robotic Welding
- Manual Metal Arc welding (MMA) & Non Destructive Testing (NDT).

REQUIREMENTS FOR A COLLEGE/ POLYTECHNIC

For applying for hosting the Center: A college will have to provide the necessary infrastructure by providing the necessary built-up-space with the necessary facilities like electricity supply and connections, Network wiring and connectivity and security. In addition, campus residencies for Professors and Technical persons posted by GTU at the Center will also have to be provided.

The University will provide the necessary equipment, install it and recruit faculty for conducting training programs. For smooth running, the college will have to arrange one Technicians and helpers at its own cost. Host institute will be beneficial as their student can get training free of cost. Industry training will arrange for skill development and upskilling depending upon availability of time.

THE PRIMARY REQUIREMENT FOR THE GTU-CENTRE OF EXCELLENCE FOR WELDING

1. 400 sq.yard (90x40 sq ft.) of built up area (shed)
2. Height of shed – 27 ft.
3. Audio/video facility
4. Crane of 5 meter capacity for the full length
5. Power – 3 phase 60 HP minimum.
6. Open space for Compressor and suction unit all sides 100 sq. yards i.e.900 sq.ft.
7. Class room for 30 students and Office for 3 Faculty members minimum. Refreshment and Rest room area
8. Each separate cubicles for TIG, MIG, PLASMA, ROBOT CELL, MMA&NDT.
9. Hostel facility should be provided to 30 boys and girls.

In order to host GTU Centre of Excellence at your institute, you are requested to apply with the following details

1. Basic information about the institute and its activities.
2. Availability of infrastructure. (In case not available - how soon can it be ready?)
3. Your plans for using this infrastructure for the use of students of all colleges of your zone.
4. Your plans for using this infrastructure for Industries.
5. Any other plan which can help the centre to develop and sustain its excellence.

The covering letter along with relevant document may please be sent by courier / post in sealed cover addressed to

The Registrar

Nr.Vishwakarma Government Engineering College
Nr.Visat Three Roads, Visat - Gandhinagar Highway
Chandkheda, Ahmedabad – 382424 - Gujarat

And Institute also send scan copy of document to below mention Email ID.

Last date of Submission of Applications for hosting GTU Centre of Excellence is Saturday, 10th June, 2015.

Note: For any clarification, you may contact:

- Mrs. Pina. M. Bhatt, Deputy Director, GTU
Contact No: 9978945991
E-mail: pina_dydir@gtu.edu.in
- Mr.Margam Suthar, Assistant Professor, GTU
Contact No: 8000685058,079 23267587
E-mail: ap1_mcwt@gtu.edu.in