



One Year Full Time PG Certificate Programme in

**WELDING AND QUALITY ENGINEERING**

(2018-19)

Jointly organised by

**PSG COLLEGE OF TECHNOLOGY, COIMBATORE**

and

**BHEL EDUCATIONAL SOCIETY, TIRUCHIRAPPALLI**

**BHELES**

Welding professionals with good exposure to theory and practical knowledge are in great demand globally. PSG College of Technology, an institution of repute for higher education in engineering and BHEL Educational Society, a society established by executives of Bharat Heavy Electricals Limited, Tiruchirappalli for promoting education in advanced engineering, have come together to offer a Post Graduate Certificate Programme in 'Welding and Quality Engineering'. A blend of theoretical learning on welding with hands on learning in welding shop floors is expected to make the students industry ready. In the past, major fabrication industries have been regularly absorbing the successful candidates; and the eleventh batch is to start in June 2018.

The programme includes theory and practical in the fields of welding engineering, non-destructive testing and quality control. Internship training at Welding Research Institute as well as at the fabrication shops of BHEL Tiruchirappalli is an important and integral part of this programme. The programme commences from **June 18, 2018**. Theory and laboratory courses will be conducted at PSG College of Technology in the first four months and the remaining period will be mainly devoted to internship training at BHEL, Tiruchirappalli.

Hostel accommodation will be available at PSGCT, Coimbatore and BHEL campus, Tiruchirappalli on extra payment.

**CURRICULUM**

- Physical Metallurgy
- Welding Processes
- Selection of Materials
- Corrosion Engineering
- Welding Metallurgy
- Non Destructive Testing
- Welding Procedures and Qualifications
- Welding Design & Applications
- Quality Assurance and Control
- Metallurgy Laboratory
- Welding Laboratory
- Testing Laboratory
- Internship Training



**ELIGIBILITY:** Candidates with B.E./B.Tech. Degree in Mechanical, Production, Metallurgy, Automobile, Manufacturing, Mechatronics and allied disciplines or equivalent, who have passed out in 2017 and who are completing the B.E. /B.Tech. Course in 2018 are eligible to apply. Candidates with no history of arrears and with a minimum aggregate of 6.5 CGPA or 65% in UG shall only be selected.

**ENTRANCE EXAM:** Syllabus covers Strength of Materials, Thermodynamics, Heat Transfer, Engineering Drawing & Machine Elements, Materials Engineering and Manufacturing Processes.

**COURSE DURATION:** **12months**

**SELECTION PROCESS:** Candidates will be selected based on written test and interview.

**IMPORTANT DATES:**

**Last Date for Receipt of Applications** : **May 25, 2018**  
**Entrance Exam at Coimbatore** : **June 4, 2018**  
**Interview at Coimbatore** : **June 4- 5, 2018**  
**Admission for the Course** : **June 18, 2018**

**CERTIFICATION PROGRAMMES:** As part of this programme, the candidate will undergo ASNT NDT Level II Certification programmes in all the four NDT techniques and Certified Welding Inspector (CWI) examination of Welding Research Institute, BHEL, Tiruchirappalli.

**COURSE FEE DETAILS:** Educational course fee: **Rs. 90,000/-**. Fee for **NDT Level II Certification** Programmewill be **extra** and the same shall be paid directly to the certifying institution, ISNT by March / April 2019

**HOW TO APPLY:**

The application form can be downloaded from the website: [www.psgtech.edu](http://www.psgtech.edu)

Completed applications shall be sent along with a DD for **Rs. 250** drawn in favour of PSGCNCE payable at Coimbatore to:

**THE ADMISSIONS COUNSELLOR, PSG CENTRE FOR NON-FORMAL & CONTINUING EDUCATION, NEW ADMN. BUILDING, GROUND FLOOR, PSG COLLEGE OF TECHNOLOGY, PEELAMEDU, COIMBATORE-641004**

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