



One Year Full Time PG Certificate Programme in  
**WELDING AND QUALITY ENGINEERING**

(2021-22 Admissions)

Jointly organised by

**PSG COLLEGE OF TECHNOLOGY, COIMBATORE**  
and  
**BHEL EDUCATIONAL SOCIETY, TIRUCHIRAPPALLI**

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 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 **fourteenth batch** starts in September 2021.

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 **September 15<sup>th</sup>, 2021**. Theory and laboratory courses will be conducted at PSG College of Technology by Department of Metallurgical Engineering in the first four months and the remaining period will be mainly devoted to internship training at BHEL, Tiruchirappalli.

**ELIGIBILITY:** Candidates who are completing B.E / B.Tech Degree in 2021 in Mechanical, Production, Manufacturing Metallurgical Engg, Automobile, Mechatronics and allied disciplines or equivalent, and who have passed out in 2020 in the same disciplines, with a minimum CGPA of 6.5 / 65 %, are only eligible to apply. Candidates with no history of arrears are preferred.

**CURRICULUM**

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



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

**COURSE FEE** : **Rs. 95,000/-**

**ADDITIONAL 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. **(Fee for NDT Level II Certification Programme will be EXTRA and the same shall be paid directly to the certifying institution, ISNT by April / May 2022)**

**ACCOMMODATION:**

Hostel accommodation will be available at PSGCT, Coimbatore and limited accommodation (only for outstation candidates) at BHEL campus, Tiruchirappalli (FCFS basis) **on extra payment.**

**SELECTION PROCESS: (online)**

Candidates will be selected based on written examination and interview

**WRITTEN EXAMINATION:**

Syllabus for the examination covers Strength of Materials, Thermodynamics, Heat Transfer, Engineering Drawing & Machine Elements, Materials Engineering and Manufacturing Processes.

**HOW TO APPLY:**

The application form can be downloaded from the website: [www.psgtech.edu](http://www.psgtech.edu). The application fee of Rs 300/- shall be paid by online transfer to our account (details as given below). (Application Fee Not Refund)

Account Name: **PSG Centre for Nonformaland Continuing Education**

Account Number: **1481267367**

Bank : **Central Bank of India**

Branch: **Peelamedu**

IFSC Code: **CBIN0280913**

**Soft copy (in MS word format) of the completed applications along with copies of SSLC, HSC, BE Degree, BE mark sheets shall be sent by email to: [cnce@psgtech.ac.in](mailto:cnce@psgtech.ac.in)**

**IMPORTANT DATES:**

Last date for receipt of applications : **30<sup>th</sup> August, 2021**

Written Examination(Online) : **10<sup>th</sup> September, 2021**

Interview (Online) : **10<sup>th</sup>-11<sup>th</sup> September, 2021**

Admission for the Course : **15<sup>th</sup> September, 2021**

**(Dates are tentative because of pandemic)**