

We Are Hiring

The Centre for Surface Engineering & Tribology (CSET), IST, invites applications from competent and motivated candidates for the following positions:

1. Graduate Trainee Engineer:

Job description	• Assist in basic lab work, data entry, and routine technical tasks. • Conduct and execute ongoing projects. • Maintain records, reports, and documentation as required. • Conduct training sessions and workshops organized by CSE IST. • On-site engineering services at industrial sites
Qualification	BS / BSc in Materials Science & Engineering (PEC registered). Minimum CGPA: 3.3/4.0
Experience	Experience in handling thermal spraying systems, conducting research projects.
Financial Assistance	Monthly stipend of 30,000-50,000 PKR with an additional project-based allowance on execution/completion of each industrial project.
No. of Seats & Probation period	Three positions are open. Selected candidates will serve a 3–6 month probation period, after which their performance will be reviewed.
Skills	• Basic knowledge of SEM, EDS, XRD, TGA, BET, UV-Vis, Nano indenter, ICP-OES, and FTIR techniques. • Familiarity with Microsoft Office (Excel, Word, PowerPoint) for reporting and documentation. • Strong learning aptitude and willingness to acquire new technical skills. • Good record-keeping ability. • Team player with good interpersonal skills.

2. Graduate Fellowship:

Job description	• Assist faculty and researchers in laboratory work, data collection, testing, and analysis. • Support ongoing research projects and academic activities at IST. • Operate and maintain lab equipment and instruments as required. • Prepare and maintain technical documentation, reports, and records. • Conduct seminars, workshops, and training sessions. • Undertake a full-time MS program during the tenure. • Serve the CSET for a minimum of 2 years after successful completion of the MS degree.
Qualification	BS / BSc in Materials Science & Engineering (PEC registered). Minimum CGPA: 3.0/4.0
Experience	• Ability to operate lab instruments. • Knowledge of safety protocols and record-keeping. • Strong teamwork and communication skills
Financial Assistance	Monthly stipend of 25,000 Rupees and subsidy on the tuition fee based on the CGPA in each semester. A special allowance will be provided for each SCI publication.
No. of Seats & Probation period	Three positions are open. Selected candidates will serve a 6-month probation period, after which their performance will be reviewed.
Skills	• Working knowledge of SEM, EDX, UV-Vis, XRD, BET, FTIR, and other materials characterization tools. • Strong research and analytical skills with the ability to interpret experimental data. • Academic writing and familiarity with scientific publications. • Knowledge of laboratory safety and quality assurance procedures. • Good project management, teamwork, and presentation skills. • Ability to engage with industry stakeholders during site visits.

3. Lab Technician/ Technical Officer

Job description	• Perform routine maintenance of laboratory equipment. • Proficient in the use of thermal spray equipment. • Inspect and maintain safety systems (e.g., fire alarms, protection systems) and coordinate repairs when required. • Carry out manual repairs and general upkeep tasks, including painting, carpentry, and landscaping. • Undertake pest control measures such as insecticide spraying. • Prepare samples and conduct laboratory testing and analysis following standard procedures. • Operate, calibrate, and maintain laboratory instruments and equipment. • Ensure compliance with laboratory safety standards and maintain proper documentation. • Assist in research projects, perform experiments, and contribute to writing research articles. • Provide support to faculty and students during practical lab sessions. • Manage inventory of laboratory supplies and consumables.
Qualification	• Diploma in any engineering-relevant program • Certified Maintenance and Reliability Professional (CMRP) is • desired
Experience	• Minimum experience of 05 years in handling thermal spraying systems • Ability to operate lab instruments. • Knowledge of general maintenance processes and methods • Working knowledge of tools, common appliances, and devices • Knowledge of safety protocols and record-keeping. • Strong teamwork and communication skills.
Financial Assistance	Fixed salary of Rs. 60,000/ month.
No. of Seats &	Two positions are open. Selected candidates will serve a 3-month probation period, after which their performance will be reviewed.

Probation period	
Skills	• Minimum 5 years' hands-on experience in thermal spray systems. • Strong knowledge of equipment calibration, preventive maintenance, and troubleshooting. • Practical understanding of laboratory safety and emergency procedures. • Ability to train junior staff and guide students in lab activities. • Good organizational and inventory management skills. • Confidence in leading industrial on-site visits and technical demonstrations.

APPLICATION GUIDELINES / INSTRUCTIONS

All qualifications should only be from the Boards of Intermediate & Secondary Education recognized by the Federal/AJK/respective Provincial Government.

- The positions are Islamabad-based. Interviews will be conducted at IST, Islamabad campus.
- Only shortlisted candidates will be called for interviews.
- Compliance with eligibility criteria for the positions does not guarantee shortlisting for an interview.
- Incomplete / Late applications will not be processed further / considered. Only hard copies will be accepted.
- TA / DA will not be admissible for appearing in the interview.
- IST reserves the right to reject any or all of the applications received for the positions without assigning any reason thereof.
- IST reserves the right to postpone/cancel the recruitment/induction for the positions at any stage, without assigning any reason thereof.
- The decision of the Institute in all matters regarding recruitment for the positions would be final and binding, and no correspondence in this regard will be entertained.
- Please mark the position on the right-hand side of the envelope.
- filled and duly signed Application Form along with detail updated CV, attested photocopies of the degrees, certificates, final marks sheets, experience certificates, School Leaving Certificate (if under matric), CNIC, recent passport size photograph and all other particular documents required to support the candidate's eligibility for the position should reach the office of **Director (CSET) IST** on the address given below:
- **Last date for receipt of applications is “September 10, 2025” before office closing hours.**



Director CSET
Centre for Surface Engineering & Tribology
Institute of Space Technology (IST)
1, Islamabad Highway, Islamabad 44000