



## IAESTE PAKISTAN

### WORK OFFER

Ref. No: PK-2020-FAC-05

#### Employer Information

Employer: Failure Analysis Center  
(Institute of Space Technology Islamabad)

Website: <http://www.ist.edu.pk/fac>  
Pick and Drop to/from Airport: Provided  
Number of Employees: 10  
Working hours per Week: 40  
Daily Working hours: 8

Business or Products: University (R & D)

#### Student Required

General Discipline: 14-ENGINEERING,  
40.1001-Materials Science  
Field of Study: Forging, Casting and Heat Treatment

Study Level: End (7 Semesters and over)  
Language Required: English Excellent

Other Requirements: Basic knowledge on Material Science, Heat Treatment, Physical Metallurgy, Welding, Failure Analysis,

#### Work Offered

##### Work Description:

Casting and forging are widely used techniques for manufacturing of components that are too large, complicated or intricate. Heat treatment involves the use of heating or chilling, normally to extreme temperatures, to achieve the desired mechanical properties. The training involves theoretical knowledge demonstration supported by hands on practice. Practical knowledge backed by case studies would be shared with interns during this training.

Number of weeks offered: 4-6 weeks  
Within the months: Jun 2020 – Aug 2020

Working environment: Class Lectures, Lab work  
Gross pay: PKR 25,000 / Month  
Deduction to be expected: 0

#### Accommodation

Lodging will be Arranged by:  
Canteen available at Work: Yes

Estimated Cost of lodging / Month: PKR 10,000  
Estimated cost of living incl. lodging / Month: PKR 15,000

#### Additional Information

#### Nomination Information

Deadline for Nomination: 30-APR-2020

Please send Nominations by: Exchange Platform

Date: 31-DEC-2019



On Behalf of IAESTE Pakistan: Dr. Arshad Ali