**PROJECT POSITIONS**

**Research Project No: Ref No. 20-14500/NRPU/R & D/HEC/2021 2021, awarded under HEC’s National Research Program for Universities (NRPU)**

**Project Title: Nanocoatings for energy applications**

**Principal Investigator: Dr. Abdul Faheem Khan, Professor, Department of Materials Science and Engineering**

**Co-Principal Investigator: Dr. Muhammad Yasir, Associate Professor, Department of Materials Science and Engineering**

IST is a reputed university that offers undergraduate and graduate degree programs in engineering and space science disciplines. Applications are invited for the following project positions for the above mentioned project as per the details mentioned below on contract (temporary) basis:

1. **PhD Student**
2. **No. of Positions:** **01**
3. **Academic Qualification:**
4. Master’s degree (MS/M.Phil) or equivalent degree with eighteen years of education in Materials Science & Engineering/Metallurgy /Metallurgical/Polymer/Chemical/Mechanical Engineering or Physics/ Applied Physics/Chemistry from HEC recognized university with a minimum CGPA of 3.00/4.00 in semester system of examination or first division (minimum 60% marks) in annual system of examination.
5. Only one second division (a minimum of 50% marks for annual system of examination or minimum CGPA 2.00-2.49 out of 4.00 for semester system of examination) is allowed in entire academic career.
6. No third division (Less than 50% marks) is allowed in entire academic career.
7. Pakistan Engineering Council (PEC) registration is mandatory (where applicable).
8. Should have valid GAT (General) conducted by NTS in the relevant field of study with ≥ 60% score or valid HAT administered by the Educating Testing Council (ETC-HEC) in the relevant field of study with ≥ 60% score or GRE International (General) conducted by ETS, USA, with minimum score as Quantitative: 145, Verbal: 145, Analytical: 3.5 or valid GAT (Subject) conducted by NTS in the relevant field of study with ≥ 60% score or minimum 60% marks in test equivalent to GRE/HAT General/Subject conducted by the Higher Education Institution (HEI).
9. Only the students who are already enrolled or willing to enroll in the PhD Materials Science and Engineering program in IST are eligible to apply. The selected student will be required to submit documentary evidence regarding confirm admission (unconditional offer of admission) in the PhD Materials Science and Engineering program in IST.
10. **Required Skills:** Candidates should have strong analytical, problem

solving, interpersonal and presentation skills.

1. **Maximum Age Limit:** 40 years.
2. **Fixed Pay:** Rupees Fifty Thousand (Rs. 50,000/-) per month.
3. **Contract Period:** For a period from the date of joining up till January

31, 2026.

1. **Working Hours:** 04 hours per day (20 hours per week)
2. **MS Student**
3. **No. of Positions:** **01**
4. **Academic Qualification:**
5. Bachelor’s degree (BE/BS) or equivalent degree with sixteen years of education in Materials Science & Engineering/Metallurgy /Metallurgical/Polymer/Chemical/Mechanical Engineering or Physics/ Applied Physics/Chemistry from HEC recognized university with a minimum CGPA of 2.00/4.00 in semester system of examination or first division (minimum 60% marks) in annual system of examination.
6. Only one second division (a minimum of 50% marks) is allowed in entire academic career.
7. No third division (Less than 50% marks) is allowed in entire academic career.
8. Pakistan Engineering Council (PEC) registration is mandatory (where applicable).
9. GAT-A (General) conducted by NTS in the relevant field of study with a minimum of 50% marks or HAT (General) conducted by HEC in the relevant field of study with a minimum of 50% marks or GRE International (General) conducted by ETS, USA, with minimum score as Quantitative: 145, Verbal: 145, Analytical: 3.5.
10. Only the students already enrolled or willing to enroll in the MS Materials Science and Engineering program in IST are eligible to apply. The selected student will be required to submit documentary evidence regarding confirm admission (unconditional offer of admission) in the MS Materials Science and Engineering Program in IST.
11. **Required Skills:** Candidates should have strong analytical, problem

solving, interpersonal and presentation skills.

1. **Maximum Age Limit:** 40 years.
2. **Fixed Pay:** Rupees Sixteen Thousand (Rs. 16,000/-) per month.
3. **Contract Period:** For a period from the date of joining up till January 31, 2026.
4. **Working Hours:** 04 hours per day (20 hours per week)

**Application Procedure:**

Completely filled and duly signed Application Form (attached) along with detail updated CV, attested photocopies of academic degrees, final transcripts, certificates, final marks sheets from matric onwards, experience certificates, PEC registration certificate (where applicable), equivalence certificate from HEC (in case of foreign qualifications/degrees), equivalence certificate from Inter Boards Coordination Commission (IBCC) (where applicable), letter of enrollment in MS/PhD Materials Science & Engineering program in IST issued by the concerned authorized authority, CNIC, IST’s student card, letter of current “student” status issued by Registrar IST and all other particular documents required to support the candidate’s eligibility for the positions should be send to the following address:-

**Additional Director (Induction)**

**Institute of Space Technology (IST),**

**1, Islamabad Highway,**

**Islamabad.**

**Application Guidelines/Important Instructions:**

* + - * All qualifications should only be from well reputed universities / institutions as recognized by HEC/PEC where applicable.
      * In case of foreign qualifications/degrees/certificates, equivalence certificate from HEC/Inter Boards Coordination Commission (IBCC) is mandatory.
* First division means a minimum of 60% marks for annual system of examination.
* Second division means a minimum of 50% marks for annual system of examination or minimum CGPA 2.00-2.49 out of 4.00 for semester system of examination.
* The candidates selected on the positions cannot claim for extension in the contract or to be regularized.
* The age will be calculated on the closing date of applications.
* The positions are Islamabad based. Interviews will be conducted at IST, Islamabad campus only.
* The applications with academic qualifications / degrees and experience in the relevant field will be considered only.
* Only shortlisted candidates would be called for interview/presentation.
* Compliance to eligibility criteria for the positions does not guarantee shortlisting for interview/presentation.
* If a large number of applications are received for the positions, then only the best suitable candidates would be called for interview/presentation.
* Incomplete applications/applications submitted without attached attested scanned copies of complete academic & experience documents and those received after the closing date would not be processed further / considered.
* TA / DA will not be admissible for appearing in the interview/presentation.
* IST’s Principal Investigator (PI) of the project reserves the right to reject any or all of the applications received for the positions without assigning any reason thereof.
* IST’s Principal Investigator (PI) of the project reserves the right to postpone or cancel the induction on any or all of the positions at any stage without assigning any reason thereof.
* The decision of the Principal Investigator (PI)/IST in all matters regarding induction on the positions would be final and binding, and no correspondence in this regard would be entertained.
* **The closing date of applications is May 23, 2025 before office closing hours.**

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**Dr. Abdul Faheem Khan,**

**Department of Materials Science and Engineering**

**Institute of Space Technology,**

**1, Islamabad Highway, Islamabad**

**Contact Number: (051) 9075542, 0345-5914322**