



STEM Careers Programme



STEM Careers Programme is a joint venture of Higher Education Commission and Pakistan Institute of Engineering and Applied Sciences for grooming talented students for careers in Science, Technology, Engineering & Mathematics (STEM)

Ref:STEM/NSTC-21/2024/001

Date: 09/01/2024

To,
The Chairman,
Board of Intermediate and Secondary Education Abbotabad

161-PS
16/01/2024

Subject:- SELECTION OF PAKISTAN TEAMS FOR PARTICIPATION IN INTERNATIONAL SCIENCE OLYMPIADS THROUGH 21ST NATIONAL SCIENCE TALENT CONTEST (NSTC-21)

Respected Sir / Madam,

STEM Careers Programme, a joint venture of the Higher Education Commission (HEC) and Pakistan Institute of Engineering & Applied Sciences (PIEAS) to inspire the potential youth of the nation to pursue careers in Science, Technology, Engineering, and Mathematics (STEM). Besides, STEM teams also represent Pakistan in International Science Olympiads (ISOs) in Biology, Chemistry, Mathematics, and Physics organized in different countries, every year, exhibiting the natural talent of the country in these competitions through National Science Talent Contest (NSTC). NSTC is an extension of the National Physics Talent Contest (NPTC) launched in year 1995. The first-ever International participation of Pakistan team was in the 32nd International Physics Olympiad that was held in Antalya, Turkey in 2001. The performance of the Pakistan students was quite encouraging in that Olympiad as one of its team member won an honorable mention and also got the best performance award for the first time participating country. Later in 2003, owing to the subsequent encouraging performance of Pakistan teams led us to extend this Programme to Biology, Mathematics, and Chemistry with the generous support of the Higher Education Commission (HEC) and since then, Pakistan Teams are regularly participating in these annual International Science Olympiads across the world and won altogether **134** Medals including four Silver Medals, sixty three Bronze Medals, sixty four Honorable Mentions, one Merit Certificate and two special awards till 2023.

Now STEM Careers Programme has launched its 21st National Science Talent contest (NSTC-21) through advertisement published in National Dailies on **December 24, 2023** for selection of Pakistan Teams to participate in International Science Olympiads in Biology, Chemistry, Mathematics, and Physics, scheduled to be held in July-2024 (please see the enclosed poster).

The last date for registration is **February 18, 2024** it is kindly requested to encourage maximum participation from your Schools/Colleges. The students can apply online via <http://stem.edu.pk> and be a part of this activity.

We shall look forward and appreciate the active participation of your schools/colleges in this challenging endeavor.

With profound regards,

ASA
16/01/2024


(Dr. Waqas Ahmed)
Programme Director

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● www.stem.edu.pk ● www.facebook.com/nstcpk ● [@stem_hec](https://twitter.com/stem_hec)

BE PROUD TO REPRESENT PAKISTAN IN

INTERNATIONAL SCIENCE OLYMPIADS



66th International MATHEMATICAL Olympiad (IMO) in AUSTRALIA



57th International CHEMISTRY Olympiad (IChO) in UAE



36th International BIOLOGY Olympiad (IBO) in PHILIPPINES



55th International PHYSICS Olympiad (IPhO) in FRANCE



ALL IN JULY 2025 through 21st NATIONAL SCIENCE TALENT CONTEST (NSTC-21)



Rs. 220,000



Rs. 80,000



Rs. 60,000



Rs. 50,000



Rs. 20,000

Top 500 in each subject will be awarded participation certificates

Alumni of International Science Olympiads have been able to win International Scholarships in Developed Countries

Besides the Cash Prizes & Certificates, PIEAS will also offer admissions to the members of Olympiads Teams in its BS Programmes without any entrance examination

ELIGIBILITY CRITERIA

- Current students of Pre-9th, 9th, 10th & 11th grade (Matric/ O-Level, OR FSc-I/ A-Level-I)
- Aggregate marks of 60% OR more in core subjects i.e. Physics, Chemistry, Biology and Mathematics in last exam
- Age less than 20 years on 30th June, 2025

Note: Students who are currently studying in F Sc (Part-II)/ A-Level (Part-II) & University Students are not eligible to apply

SCREENING TEST WILL BE HELD IN 19 MAJOR CITIES

- Islamabad/Rawalpindi
- Quetta
- Gilgit
- Karachi
- Gujranwala
- Hyderabad
- Swat
- Sukkur
- D.I.Khan
- Abbottabad
- Peshawar
- Lahore
- Chitral
- Faisalabad
- Bahawalpur
- Sargodha
- Muzaffarabad
- Multan
- Gujrat

Last Date to Apply

18th February 2024

Test Date

03rd March 2024

For Online Registration

www.stem.edu.pk

STEM CAREERS PROGRAMME

A Joint Venture of

HEC
HIGHER EDUCATION COMMISSION

PIEAS
PAKISTAN INSTITUTE OF ENGINEERING & APPLIED SCIENCES

