



# STEM Careers Programme



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

**Subject: SELECTION OF PAKISTAN TEAMS FOR PARTICIPATION IN INTERNATIONAL SCIENCE OLYMPIADS THROUGH NSTC-18.**

Respected Sir/Madam,

STEM Careers Program, a joint venture of 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, exhibiting the natural talent of the country in these competitions through National Science Talent Contest (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 32<sup>nd</sup> International Physics Olympiad that was held in Anatalya, Turkey in 2001. The performance of the Pakistani 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). Since then, Pakistani Teams are regularly participating in these annual International Science Olympiads across the world and won altogether **119** medals including Four Silver, Sixty Bronze Medals, Fifty Two Honorable Mention, One Merit Certificate and two special Awards. In 2020, the Pakistan Teams won three Honorable Mentions.

Now STEM Careers Programme has launched its 18<sup>th</sup> National Science Talent Contest (NSTC-18) through advertisement published in National Dailies on 31-01-2021, for selection of Pakistan Teams to participate in International Science Olympiads in Biology, Chemistry, Mathematics and Physics, scheduled to be held in July-2022 (please see the enclosed poster).

The due date for registration is **30<sup>th</sup> April 2021**, therefore you are requested to encourage maximum students of your School / College to apply online through: <http://stem.edu.pk/registration> and be a part of the said International activity.

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

*Sd/-*  
(ASIF UR REHMAN)  
Programme Manager

## **BOARD OF INTERMEDIATE & SECONDARY EDUCATION, GUJRANWALA NOTIFICATION NO.19/21**

The contents of the above said letter (issued by Programme Manager, STEM Career Programme, Higher Education Commission, Islamabad) has been notified/circulated for the information to all concerned.

*Sd/-*  
**S E C R E T A R Y**

C. C.

1. All Heads of High School, Higher Secondary School & Colleges affiliated with this Board.
2. Mr. Asif ur Rehman, Programme Manager, Higher Education Commission, Islamabad.
3. System Analyst (for Website).
4. Internal Distribution.

**Assistant Secretary (Academic)**

Dated: 02-03-2021