

Pakistani students excel at International Science Olympiads

Pakistani Students Won altogether Four Bronze Medals and One Honorable Mentions in the International Science Olympiads held in Vietnam, Georgia, Hong Kong and Switzerland in July-August, 2016

The Pakistani talented students selected by the STEM Careers Programme (SCP) and its Home Institutes, represented Pakistan in 27th International Biology Olympiad (IBO) in Vietnam, 48th International Teams of Chemistry Olympiad (IChO) in Georgia, 57th International Mathematics Olympiad (IMO) in Hong Kong and 47th International Physics Olympiad (IPhO) in Switzerland in July, 2016. This year all the four teams have yet again proved their mettle at the international level with their superlative performance at the International Science Olympiad and showed excellent performance altogether by winning Four Bronze Medals and One Honorable Mentions in these events. The International Science Olympiads are unique competitions to discover, encourage and Challenge gifted young students all over the world.

The Higher Education Commission (HEC) and Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad, the joint organizers of STEM Careers Program for grooming talented youth for careers in Science, Technology, Engineering & Mathematics (STEM), extends its congratulations to all the medalists and winners of the honorable mentions and their proud parents for winning laurels to their country and their respective schools and colleges. The dedication and hard work of teams leaders from home institutes; NIBGE, Faisalabad, , HEJ Research Institute, Karachi University, CIIT, Lahore and PIEAS, Islamabad in selecting, preparing these talented students and members of the STEM Careers Programme, HEC, in providing logistic support played a key role in this achievement.

The 27th International Biology Olympiad (IBO) was hosted by Hanoi, Vietnam from July 17-24 July, 2016. Of the four students who participated from Pakistan in the event, Mr. Muhammad Alamgir Khan from Cadet College Hassanabdal, Ms. Bakhtawar Ahmad from Hamza Army Public School & College, Rawalpindi and Ms. Saffa Fatima from Lahore Grammar School won Bronze Medals. The IBO team was led by Dr. Muhammad Saeed and Dr. Asma Imran of NIBGE, Faisalabad.



Participants of 27th International Biology Olympiad (IBO-27) held in Hanoi, Vietnam

The 47th International Physics Olympiad was held in Zurich, Switzerland, from July 10-17 July, 2016. The team leader was Dr. Shahid Qamar and deputy team leader was Dr. Aman ur Rehman of PIEAS. Ms. Maimoon Siddiqui from Karachi Grammar School, Karachi won an Honorable Mention among 5 Pakistani students.



Participants of 47th International Physics Olympiad (IPHO-47), Switzerland

The 48th International Chemistry Olympiad (ICHO) held in Georgia from 23 July-1 August, 2016. The bronze medalist of Pakistan team is out of 3 students representing Pakistan in ICHO-2016 is Mr. Muhammad Ismail from FFC Grammar School, Mirpur Mathelo, Sindh.

The 57th International Mathematical Olympiad (IMO) was hosted by Hong Kong from July 06 - 16 July, 2016. Six students participated from Pakistan in the event. The IMO team was led by Dr. Sarfraz Ahmed and Dr. Hani Shakir of COMSATS, Lahore.



Participants of 48th International Chemistry Olympiad (ICHO-48) held in Georgia

These annual International Olympiads provide pre-university science students from around the world an opportunity to compete in solving challenging theoretical and experimental science problems that only the most talented youth of their age can answer. Most of the Pakistani students invariably get scholarship for their higher studies in leading universities of the world such as Harvard, MIT, Princeton, Stanford, Caltech and Oxford.

The process of selection of for the National Science Talent Contest (NSTC) commences in September each year with posting an announcement on SCP website, publishing advertisement in major national dailies and sending introductory packages to about 5000 colleges throughout the country. This is followed by a screening test, usually held on the first or second Sunday of the New Year in the major cities all over the country. Every year more than 6000 student who must have scored a minimum of 70 % or more marks in their SSC or O-level exams take part in the contest. Fifty of the top scorers in each subject of NSTC are selected on the basis of their performance in the Screening Test. Further grooming and screening through a series of training

camps at the home institutes of each subject leads to the selection of a 4 - 6 member student teams for the Olympiads.



Participants of 57th International Mathematics Olympiad (IMO-57) held in Hong Kong