

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO.3463
TO BE ANSWERED ON 8/8/2018

MATHEMATICAL OLYMPIAD

3463. SHRI SUDHEER GUPTA:
KUNWAR HARIBANSH SINGH:
SHRI GAJANAN KIRTIKAR:
SHRI T. RADHAKRISHNAN:
SHRI BIDYUT BARAN MAHATO:
SHRI ASHOK SHANKARRAO CHAVAN:
SHRI S.R. VIJAYAKUMAR:
SHRI S. RAJENDRAN:

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री
be pleased to state:

- (a) the number of students who have been awarded medals in International Mathematical Olympiad (IMO) during each of the last three years;
- (b) the criteria fixed by the Government for selection of students to participate in IMO;
- (c) whether India has participated in 59th IMO held in Romania recently;
- (d) if so, the details thereof along with the number of Indian students who participated in the said Olympiad;
- (e) the performance of Indian students in the above said event; and
- (f) the steps taken/being taken by the Government to improve the performance of students?

ANSWER

MINISTER OF SCIENCE AND TECHNOLOGY, MINISTER OF EARTH SCIENCES AND MINISTER OF
ENVIRONMENT, FOREST AND CLIMATE CHANGE

(DR. HARSH VARDHAN)

विज्ञान और प्रौद्योगिकी मंत्री, पृथ्वी विज्ञान मंत्री और पर्यावरण, वन एवं जलवायु परिवर्तन मंत्री

(डा. हर्ष वर्धन)

- (a) The number of students who have been awarded medals for the last three years in IMO.

IMO- 2016 (Hong Kong July 6-16, 2016)

Silver Medal	1
Bronze Medals	5

IMO- 2017 (Rio de Janeiro, Brazil, July 12-23, 2017)

Bronze Medals	3
Honourable Mention	3

IMO- 2018 (Cluj-Napoca, Romania, July 3-14, 2018)

Silver Medals	3
Bronze Medals	2
Honourable Mention	1

- (b) The selection process for the International Mathematics Olympiad (IMO) in India consists of four stages of examination.

Stage I Pre-Regional Mathematical Olympiad (PRMO) is held at centres across India. Students fulfilling the age criteria (for IMO 2019, they should have been born on or after August 1, 1999) and studying in Class 8, 9, 10, 11 or 12 are eligible to write PRMO.

Stage II Regional Mathematical Olympiad (RMO) is held at smaller number of centres in the region. The country is divided into 26 regions. Based on the performance of PRMO, up to 300 students from Classes 8, 9, 10, 11 and up to 60 students from class 12 are selected to appear in RMO from each region.

Stage III Indian National Mathematical Olympiad (INMO) is held at 30 centres across India. On the basis of the performance in RMO upto 30 students from classes 8,9,10,11 and up to 6 students from class 12 from each region are selected to appear for stage 3 (INMO) examination. On the basis of the INMO, the top 30 students from classes 8, 9, 10, 11 and top 6 students from class 12 in merit from all over the country are selected for the training camp at Homi Bhabha Centre for Science Education (HBCSE), Mumbai.

Stage IV International Mathematical Olympiad Training Camp(INMO): The INMO awardees are invited to a month long training camp in April-May each year at Homi Bhabha Centre for Science Education, Mumbai.

On the basis of a number of selection tests during the camp, a team of the best 6 students is selected as the IMO Indian team.

(c) Yes, Madam. India has participated in 59th IMO held in Romania from July 3 to July 14, 2018.

(d) Indian team consisting of 6 students participated in the 59th IMO held in Romania. The names of the students, the school and class in which they are studying are given below:

1. Amit Kumar Mallik
Class 11th
Sri Chaitanya Junior College,
Telangana
2. PranjalSrivastava
Class 8th
National Public School, Koramangala,
Karnataka
3. SpandanGhosh
Class 11th
South Point High School
West Bengal
4. Anant Mudgal
Class 12th
Delhi Public School, Faridabad,
New Delhi
5. Pulkit Sinha
Class 12th
St. Francis School Indirapuram, Ghaziabad
Uttar Pradesh
6. Sutanay Bhattacharya
Class 12th
Bishnupur High School,
West Bengal

(e) The performance of the Indian team in Romania at the 59th IMO is as follows :

Silver Medals	3
Bronze Medals	2
Honourable Mention	1

(f) The steps taken by government to improve the performance:

- (1) From the year 2017 a nation wide examination Pre Regional Mathematical Olympiad (PRMO) has been initiated. This will be the first stage of selection to participate in the International Mathematical Olympiad (IMO). In 2017, one lakh students registered for the examination and approximately 85,000 students appeared for the same. In 2018, the PRMO will be held on 19 August across the country. Approximately 1.6 lakh students have registered for the exam. The question paper is bilingual.
- (2) The training camp for Indian National Mathematical Olympiad (INMOTC) is now organised in many regions and planned to extend the facility to all regions.
