No. EDN-HE (21) F (13) 03/2023-
Directorate of Higher Education
Himachal Pradesh

Dated: **Shimla-171001**   **the**   **July, 2024**

To
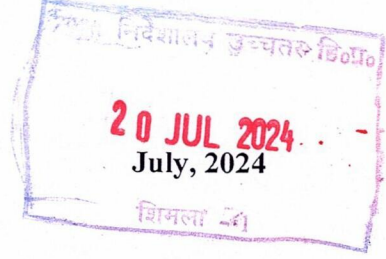
x   All the Deputy Directors of Higher Education,
Himachal Pradesh

Subject:-   **Information regarding International Maths Olympiad 2024-25.**

Please find enclosed herewith a copy of letter No. NIL dated 3rd July, 2024 received from the Director of Maths Olympiad Foundation through Secretary Education to the, Government of Himachal Pradesh on the subject cited above.

In this context, it is intimated that Maths Olympiad Foundation is conducting International Maths Olympiad-2024. The pattern of International Maths Olympiad 2024 is designed keeping in mind the learning outcomes as specified in National Education Policy. International Maths Olympiad is a prestigious competition that challenges students to assess their knowledge and skills in various areas of mathematics. You are therefore, directed to circulate the same amongst all the Heads of Educational Institutions Government / Private under your control and also direct to aware / motivate the students to participate in the above said Olympiad.

Director of Higher Education
Himachal Pradesh

Endst. No. Even   dated   Shimla-171001   the   July, 2024
Copy for information and necessary action to:-
1. The Secretary Education to the Government of Himachal Pradesh, Shimla -2 w.r.t his/her letter refers above.
2. The Technical Officer (Computer/IT Cell), Directorate of Higher Education, Himachal Pradesh with the request to upload the same on Departmental web site.
3. Guard file.

Director of Higher Education
Himachal Pradesh

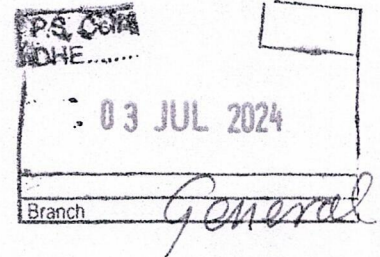## Fwd: Information regarding International Maths Olympiad 2024-25

From : Prabodh Saxena <cs-hp@nic.in>   Wed, Jul 03, 2024 10:30 AM

Subject : Fwd: Information regarding International Maths   📎1 attachment
          Olympiad 2024-25

To : Rakesh Kanwar <secy-hedu-hp@nic.in>, Dr Amarjeet
      K Sharma <dhe-sml-hp@gov.in>, Director Elementary
      Education <eleedu-hp@gov.in>

Cc : director@olympiadgov.co.in

[Stamp: P.S. COM DHE...... 03 JUL 2024 Branch General]

Sir/Madam,

Mail forwarded for kind information and necessary action please

regards,

o/o CS, HP

From: director@olympiadgov.co.in
To: "Prabodh Saxena" <cs-hp@nic.in>
Sent: Wednesday, July 3, 2024 10:09:14 AM
Subject: Information regarding International Maths Olympiad 2024-25

To
The Hon'ble Chief Secretary
Himachal Pradesh

Subject :- Request for the circulation of the information regarding NCERT based International Maths Olympiad 2024 in schools affiliated with CBSE.

Respected Sir,

The Maths Olympiad Foundation is an educational organization registered by Govt. of NCT of Delhi, which is conducting the International Maths Olympiad 2024 at Global level. This exam will be based on the curriculum provided **by National Council of Educational Research and Training (NCERT),** an autonomous organization under **Ministry of Education, Government of India**. The pattern of IMO 2024 is designed keeping in mind the learning outcomes as specified in National Education Policy.

The International Maths Olympiad is organized for students of classes 1-12 at international level in schools all over India and CBSE schools located abroad. International IMO is a prestigious competition that challenges students to assess their knowledge and skills in various areas of mathematics. Organizing this competition will not only evaluate the intellectual capacity of the students but also encourage them to showcase their talent and improve their knowledge in the field of mathematics to achieve success in their academic endeavors.

All the successful students participating in the IMO will be provided with the participation certificates and the students who perform excellently are honored with the certificate of merit and medals.

For more and detailed information in this regard, please refer to the IMO brochure attached herewith.

Therefore, you are humbly requested to make the foundation's efforts successful in reaching maximum students by disseminating the information of IMO 2024 to all schools under your jurisdiction. Your cooperation and recognition will contribute significantly to students' success or to enrich the academic talents in the field of mathematics all over the world.

With thanks

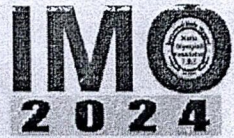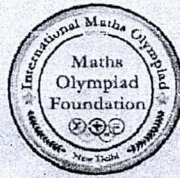Yours Sincerely

Kapil Kumar Sharma

Director

9999047470

Kapil Kumar Sharma
Director
Maths Olympiad Foundation

IMO 2024 Brochure (1).pdf
6 MB

IMO 2024

To,

The Principal,

Subject: Information regarding International Maths Olympiad- 2024

Respected Sir/Madam,

We are pleased to introduce "International Maths Olympiad- *Indian Chapter*". Maths Olympiad Foundation is conducting **IMO-2024** at a Global level. These exams will be based on the curriculum provided by **National Council of Educational Research and Training (NCERT)**, an autonomous organization by **Ministry of Education Government of India**.

Maths Olympiad Foundation caters to all students from classes 1-12 at the National and International level. Students participating in the IMO-2024 will understand mathematical concepts precisely and learn to prepare for future competitive examinations. The pattern of IMO 2024 is designed keeping in mind the learning outcomes as specified in **National Education Policy 2020**. By being a part of this Olympiad, students will get a chance to examine their skills analytically and logically.

○ The registration fee for all classes is Rs. 150 to participate in International Maths Olympiad.

○ All successful students will get participation certificate and School Level winners will get Medals and Certificates..

○ International winners will get "The Ramanujan Award", Certificates and attractive prizes.

○ Innovative Mathematicians will be awarded "The Grand Ramanujan Award" for their outstanding performance in the field of Mathematics.

○ The Olympiad Co-ordinator of the school will be awarded by the Certificate of Appreciation.

○ All the participants of class 1 and 2 will be given level wise medals for encouragement.

○ A grand award ceremony will be held at New Delhi to felicitate the International winners.

Therefore, it is a humble request to please give your invaluable cooperation in the promotion and development of IMO, by encouraging and motivating students to participate in this competition.

Yours Sincerely,

Kapil Kumar Sharma
Director
director@olympiad.gov.co.in

First Prize (for Classes 3 to 12) 11,000/-	Second Prize (for Classes 3 to 12) 5100/-	Third Prize (for Classes 3 to 12) 3100/-

Maths Olympiad Foundation

(Registered by Govt. of NCT Delhi)

Introducing India's Most Enlightening

NCERT based
Maths Olympiad

Registration opens for Classes 1 to 12

IMO 2024

Registration Fee Rupees 150/-

Date of Examination (Stage I) : 3 & 25 October 2024

12 & 28 November 2024

Last Date of Registration : 31 August 2024

○ All students will get participation certificate.

○ All winners will get Medals and Certificates at School Level.

○ International winners will get "Ramanujan Student Award", Certificates and attractive prizes.

○ Innovative Mathematicians will be awarded "The Grand Ramanujan Award" for their outstanding performance in the field of Mathematics.

○ The Olympiad Co-ordinator of the school will be awarded by Certificate of Appreciation.

○ All the participants of class 1 and 2 will be given level wise medals for encouragement.

○ A grand award ceremony will be held at New Delhi to felicitate the International winners.

For any query e-mail us at *mof.olympiad@gmail.com* or Contact us at 9953 245 945

Maths Olympiad Foundation

International Maths Olympiad Award Ceremony

11 February 2024 @NDMC Convention Center New Delhi

Chief Guest: Sh. Ashok Kumar IAS *(Secretary Education, Government of NCT Delhi)*
Prof. Dr. Anup Rajput *(Head publication , NCERT)* Mrs. Ginni Sharma *(Dy. Director MOF)*
Mrs. Anita Sharma *(Principal, Sanatan Dharam Public School Pitampura Delhi)*

Felicitation of Teachers with "Ramanujan Awards" for Excellency in Mathmematics

➢ Students from Class 1 to Class 12 can participate in the IMO 2024.

➢ For this Olympiad, an exam fee of **Rs. 150 (For Indian Students), USD 10 (For Foreign Students)** will be charged from participant by the school and the school will keep **Rs. 20 or USD 2** out of it for the conduct of examination and other expenses like postage and photocopy, etc.

➢ **Registration fee of Rs. 50/- will be charged from the students of Government School and Govt. aided school managed by the State Government and the Union Territory in India.**

➢ Participation of minimum 50 students must from a school. There is no limit for maximum participation.

➢ All the questions given in the question paper will be multiple choice. The duration of the examination will be one hour.

➢ Important Dates:

I" Stage (School Level) Examination will be organized in your own school.	Exam Date - 3 & 25 October 12 & 28 November Last Date - 31 August 2024
II" Stage (International/National Level) (Only for Classes 3-12)	Exam Date - to be notify to the eligible participants

➢ The school detail form and the list of participants in excel format must reach the Maths Olympiad Foundation through email or speed post.

➢ **The exam fee can be paid through Demand Draft or NEFT/RTGS/IMPS only.**
   Account Holder : *Maths Olympiad Foundation*
   Bank   : *Indian Bank, Adarsh Nagar, Delhi-110033*
   Account No.   : *7235719620   IFSC Code : IDIB000A200*
   UPI   : *9999047470@paytm   (Kapil Kumar Sharma)*

➢ DD should be drawn in favour of Maths Olympiad Foundation payable at New Delhi.

➢ All documents should be sent through Courier/SpePost/Registered Post to
   Maths Olympiad Foundation, **66, Pocket-10, Sector-24, Rohini, Delhi-110085.**

➢ Keep a copy of all documents safe for your record till the results are declared. The decision taken by the Maths Olympiad Foundation, Management Committee will be final and binding.

➤ For Classes 1 & 2 total number of questions will be 20 and the duration of examination will be 60 minutes. Each question will carry 5 marks.

➤ For Classes 3 to 5 the total number of question will be 40 and the duration of examination will be 60 minutes. Question 1 to 20 will carry 2 Mark, Ques. 21 to 40 will carry 3 Marks.

➤ For Classes 6 to 12 the total number of question will be 50 and the duration of examination will be 60 minutes. Question 1 to 20 will carry 1 Mark, Ques. 21 to 30 will carry 2 Mark and Ques. 31 to 50 will carry 3 Marks.

➤ 10% of total students from the School participating in the First round will be qualified for the Second round. All those students who can not be able to qualify for second round, will be awarded with Participation Certificate.

➤ All the Second Round participants who has not secured International Position will be awarded with the Certificate of Merit.

➤ At the School Level, One Medal will be awarded for every Five participants, if they have more than 60 marks.

➤ The Principal of participating schools who registered 500 or more students will be awarded with the golden plate, 300 or more students with Silver Plate and 200 or more participants with bronze plate. The Olympiad Co-ordinator will be awarded with the Excellency Award.

List of Participants for International Maths Olympiad 2024-25

School Name .... Date of Examination ....

Sr. No.	Class	Student Name	Father/Guardian Name	Mob No.	Email

➤ The school coordinators will share the details of students in MS-Excel format as specified.

India's Most Enlightening NCERT based Maths Olympiad

Maths Olympiad Foundation   IMO

Syllabus for International Maths Olympiad   2024

Class 1: Shapes and space, numbers name (1-50), addition, subtraction (two digits), data handling, time, measurement, patterns, grouping, how many, odd one out, spatial understanding, money, lengths, weights and comparison. They also engage in higher-order thinking skills (HOTS) questions.

Class 2: Numbers name (1-100), addition, subtraction (two digits), counting in group, data handling, geometrical shapes, measurement, patterns, grouping, how many, odd one out, spatial understanding, money, time & calendar, temperature, pictographs, lengths, weights and comparison, capacity, and HOTS questions.

Class 3: Geometrical shapes, numerals, number names and number sense (4-digit numbers), computation operations, fractions, length, weight, capacity, temperature, time, money, geometry, data handling, and HOTS questions.

Class 4: Numerals and number names, number sense (more than 4-digit numbers), computation operations, fractions, length, weight, capacity, time, money, geometry, perimeter of various shapes, symmetry, conversions, data handling, and HOTS questions.

Class 5: Numerals, number names and number sense (7 and 8-digit numbers), computation operations, fractions and decimals, measurement of length, weight, capacity, time, temperature and money, conversions, geometrical shapes and solids, angles, perimeter of various shapes, area of rectangle, square and triangle, calender symmetry, data handling, and HOTS questions.

Class 6: Knowing our numbers, whole numbers, HCF and LCM, Parallel lines, Angles (Supplementary/Complementary, Linear Pair), understanding elementary shapes, integers, fractions, decimals, data handling, mensuration, algebra, ratio and proportion, symmetry, practical geometry, and HOTS questions. Indian mathematician – D R Kaprekar , Ramanujan

Class 7: Integers, fractions and decimals, exponents and powers, algebraic expressions, simple linear equations, lines and angles, Polygons, Triangle and quadrilateral property, comparing quantities, the triangle and its properties, symmetry, congruence of triangles, rational numbers, perimeter and area, data handling, Polygon , visualising solid shapes, Prime and Composite numbers, SI and CI and practical geometry. Indian Mathematician – Aryabhata, Brahmagupta

Class 8: Rational numbers, squares and square roots, cubes and cube roots, exponents and powers, comparing quantities, algebraic expressions and identities, linear equations in one variable, understanding quadrilaterals, constructions, mensuration, visualising solid shapes, data handling, direct and inverse variations, factorisation, introduction to graphs, and Three dimension geometry – Cube, Cuboid, Cylinder, Sphere, Cone, Time and distance, Time and Work, Indian Mathematician – P C Mahalnobis, S S Abhyankar , C R Rao , Samrendra Nath Banarjee

Class 9: Real numbers, polynomials, linear equations in two variables, coordinate geometry, geometry, lines and angles, triangles, quadrilaterals, circles, area, surface area and volumes, statistics, and probability. Apollonius and Stewart Theorem, Circle Theorem, Mid point theorem, Centroid, Orthocentre and Circumcentre etc. Indian mathematician – Neelkantha, Subash Kak, Vashishtha Narayan Singh, Mangla Narlikar

Class 10: Real numbers, polynomials, pair of linear equations in two variables, quadratic equation, arithmetic progressions, coordinate geometry, geometry, triangles, introduction to trigonometry, trigonometric identities, height and distances (angle of elevation, angle of depression), area related to circles, surface area and volumes of 3 D figure including Pyramid and Prism statistics, and probability, Alternate Segment Theorem, Tangent Theorem, Inequation, Ceva Theorem, Internal and External bisector theorem. Indian Mathematician – Neena Gupta, Satyendra Nath Bose, C K Raju, S C Shrikhande

Class 11: Sets, relations and functions, trigonometric functions, principle of mathematical induction, complex numbers and quadratic equations, linear inequalities, permutations and combinations, binomial theorem, sequences and series, straight lines and Pair of straight line, conic sections, introduction to three-dimensional geometry, limits and derivatives, mathematical reasoning, statistics, and probability. Piegon Hole principle, Logarithm, Fermat and Wilson Theorem, Diophantus Equation, Indian Mathematician- Ramanujan, C S Seshadri, Raman Parimala

Class 12: Relations and functions, inverse trigonometric functions, matrices, determinants, continuity and differentiability, applications of derivatives, integrals, application of integrals, differential equations, vector triple product and dot product, three-dimensional geometry, linear programming, and probability, Counting techniques, Theorem and Paradox. Indian Mathematician – Mahavira, Brahmagupta, Bhaskaracharya, Sujata Ramdurai

School Details

School Name ....

Postal Address ....

....Pincode...............................

Phone No. ....

School E-mail ....

Proposed Date of Exam ....

Name of the Principal ....

Mobile No. ....

Email Id ....

Maths HOD Name ....

Mobile No. & Email Id ....

Olympiad Coordinator Name ....

Mobile No. & Email Id ....

Total No. of Participants ....

Draft/ UTR No.: ....Date...............................

Issuing Bank : ....

Total Amount : ....

Account Holder : *Maths Olympiad Foundation*

Bank : *Indian Bank, Adarsh Nagar, Delhi-110033*

Account No. : *7235719620*   *IFSC Code : IDIB000A200*

UPI : *9999047470@paytm*   *(Kapil Kumar Sharma)*

Kapil Kumar Sharma

Class	1	2	3	4	5	6	7	8	9	10	11	12	Total
Number of Participants													

Signature with stamp
(Principal)

Please share scanned copy of School details form alongwith
the list of participants in MS-Excel format at **mof.olympiad@gmail.com**

**Head Office- Maths Olympiad Foundation,
66, Pocket-10, Sector-24, Rohini, Delhi-110085, Mob: 9953 245 945**

International Maths Olympiad 2024-25

Dear Parents,

We would like to bring to your notice that our school will be participating in International Maths Olympiad 2024-25 organized by **Maths Olympiad Foundation, New Delhi**. All students from class 1 to 12 can participate in this Olympiad. The registration fee for this Olympiad is Rs. 150/- per student. All students will be given participation certificates.

All Students of Class 1 and 2 will be given level wise medals for participating in the Olympiad. Winners will get Medals and Certificates at School Level. International winners will be given awards, certificates and attractive prizes at a grand ceremony organized by the foundation.

Kindly give your consent latest by .... 2024.

Student Name: ....

Class .... Section ....Roll No. :...........................

Email D: ....Mobile No.: ....

Parent Name .... Sign...............................

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Take Printout of this consent Slip and distribute among the Students