

Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE VASHI
[Autonomous College]
DEPARTMENT OF MATHEMATICS
REPORT
National Mathematics Day Celebration 2020
as Mathematics in Perspective

BROCHURE



Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College Vashi, Navi Mumbai
Department of Mathematics
And
Navi Mumbai Science Foundation (NMSF)

Celebrate

"NATIONAL MATHEMATICS DAY – 2020"

As

Mathematics in Perspective

On Saturday, January 2, 2020, at 10:00 AM

Important Note: The event was originally planned for Dec. 22, 2020, birth anniversary of Great Indian Mathematician Shrinivasa Ramanujan. However, due to Mid-term University examinations & other local constraints, it has been rescheduled for Saturday, Jan. 2, 2021.

******* Online Programme *******

(Link of Google Meet: meet.google.com/qnf-nmob-ukn)

Introductory Remarks
About the programme
About NMSF

- Dr. Shubhada Nayak, I/C Principal
- Dr. G. A. Dhanorkar, HOD Mathematics
- Dr. A. M. Bhagwat, Chairman, NMSF

"Shrinivasa Ramanujan Memorial Lecture"

Chief Guest: Dr. A. N. Joseph, Senior Scientist, BARC.

Topic: "Why Mathematics?" followed by "Evolution of Number System"

(Duration: 45 min.)

Next event: Ignite your Brain for the students.
Prizes for winners are Ist (Rs1000/-), IInd (Rs750/-) and IIIrd (Rs500/-).
***Certificates will given to all participants**

All are cordially invited to grace the occasion.

Link for Registration: <https://forms.gle/rHSox3PCu59Jr3gP6>

Dr. G. A. Dhanorkar
(Organizing Secretary)

Mr. Datta Bhosale
(Convener)

Dr. A. M. Bhagwat
(Coordinator)

Dr. Shubhada Nayak
(I/C Principal)

(Link of Google Meet: meet.google.com/qnf-nmob-ukn)

The Department of Mathematics celebrated National Mathematical Day on 2nd January 2021 as Mathematics in Perspective followed by “Shrinivasa Ramanujan Memorial Lecture” by Chief Guest Dr. A. N. Joseph, Senior Scientist, BARC on topic “**Why Mathematics?**” After this programme **Ignite your Brain Quiz competition for student with Prizes for winners are Ist (Rs1000/-), IInd (Rs750/-) and IIIrd (Rs500/-)**

Motive of this programme was to enhance mathematical abilities with creating interest in mathematics. Total 147 participants were present for this event and 17 participants sent the solution of the quiz competition.

For this programme total 147 participants were present from various Colleges and schools. The online programme was started with the Welcome speech by Ms. S. Revery and inaugurated by the Honorable Principal Madam Dr. Shubhada Nayak with introductory speech. Information about the workshop given by Convener Dr. Gajanan Dhanorkar and President of Navi Mumbai Science foundation Mr. A.M.Bhagwat had given work of Navi Mumbai Science foundation with Introduction of guest.

Main part of this programme was **Shrinivasa Ramanujan Memorial Lecture** by Chief Guest Dr. A. N. Joseph, Senior Scientist, BARC on the topic **Why Mathematics?** This lecture lights on the journey and development of the number system. Properties of Even, odd and prime numbers were explained by the expert. Magic of Rational and Irrational numbers evolution by giving proofs and interested examples. It was a really motivational and enhancing Mathematical leanings approach to the students. All the audience appreciated and benefited from your views on the subject.

The programme ended with the Quiz competition **Ignite your Brain** for this quiz total 17 Students participated and sent their responses (solutions). We will announce result of this quiz with prizes on International Mathematics Day on 14 March 2021.

The Programme concluded with the Vote of Thanks of Coordinator Ms. Shubhangi

Phadtare.

Dr.G.A.Dhanorkar
HoD, Mathematics.

Photos of Events

qnf-nmob-ukn (2023-01-31 at 20:40 GMT-5)

$N > 3$ - points are placed on the circumference of a circle. From every point on the circumference straight-lines are drawn to the other $N-1$ points. The intersection of the straight-lines inside the circle is such that at every intersection there are no more than two lines. Find the total number of intersections.



qnf-nmob-ukn (2023-01-31 at 20:40 GMT-5)

$$v^m a = (v^m q_0 + v^{m-1} q_1 + v^{m-2} q_2 + \dots + q_m) b + r_n$$

$$v^n a = (v^n q_0 + v^{n-1} q_1 + v^{n-2} q_2 + \dots + q_m) b + r_m$$

$$[v^m - v^n] a = ([v^m - v^n] q_0 + [v^{m-1} - v^{n-1}] q_1 + \dots + q_m) b$$

The mantissa of a rational number a/b is Terminating or periodic

$$a/b = Q_0 | Q_1 | Q_2 | \dots | Q_n | \dots$$

Real number $\rightarrow R_0 | R_1 | R_2 | \dots | R_n | \dots$

