

PROJECT COMPLETION REPORT ON

CELEBRATION OF

NATIONAL MATHEMATICS DAY – 2024

NATIONAL SCIENCE DAY - 2025

**Theme: Empowering Indian Youth for Global Leadership in
Science and Innovation for Vikasit Bharat**

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**National Council for Science and Technology Communications,
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Celebration of National Mathematics Day – 2024 and National Science Day – 2025

Celebration of National Mathematics Day 2024

National Mathematics Day is celebrated annually on 22 December to commemorate the birth anniversary of the legendary Indian mathematician Srinivasa Ramanujan. The aim of this celebration is to highlight Ramanujan's achievements and contributions to the field of mathematics, fostering a positive inclination towards gaining knowledge in this discipline.

Objectives:

- To celebrate and appreciate the contribution of Mathematics Wizard Dr. Srinivasa Ramanujan To inspire young children with life history of Ramanujan
- To encourage young minds to take up career in mathematics
- To eradicate phobia and fear against mathematics among children and adults
- To make mathematics field as attractive career to young children
- To produce top quality mathematicians and make the country proud
- To inspire mathematicians to take up high end research in the field of mathematics
- To organize technical lectures on mathematics topics/issues including Engineering mathematics

Celebration of National Mathematics Day 2024 at state level

On **23 December 2024**, the celebrated National Mathematics Day 2024 at Prof. Sathish Dhawan auditorium, Indian Institute of Science campus Bengaluru. An around **250** high school students and teachers participated in the programme.

Shri. Sadashiva Prabhu B., IAS Director Department of Science & Technology & Managing Director, KSTePS Government of Karnataka inaugurated the programme and delivered inaugural address. Prof. Ashok M. Raichur, Secretary of KSCST, delivered the presidential address, highlighting the role of mathematics in various fields. Dr. U. T. Vijay, Executive Secretary of KSCST, illustrated the significance of National Mathematics Day and advised the students to learn more on Mathematics.

Shri. Ganesh Bhat, Resource Person and Math and Science Communicator Co-ordinator, St. Paul's Institution, Bengaluru demonstrated few topology patterns and explained about shapes, angles.

Shri. V. S. S. Sastry Resource Person and Math and Science Communicator explained about theorems and formulas.

The students of S. Cadambi Vidya Kendra, Basaweshwara Nagar, Bengaluru demonstrated Mathematical toys under the guidance of Shri. Anandram Director, Academics, VAGARTHA Bengaluru



Celebration of National Mathematics Day 2024 at district level

The council celebrated National Mathematics Day 2024 in each district through NRDMS officials. Around 12,000 students and teachers are participated in the programme. As part of celebration interactive/ hands-on session on mathematics, exhibitions, mathematics workshop, interaction session by demonstrating the mathematical model for the students.





Celebration of National Mathematics Day through Academic institution and NGO's

KSCST celebrated National Mathematics Day 2024 in collaboration with academic institution and NGO's of the state.

Sl. No.	Name of the institution
1.	Atria Institute of Technology, Bengaluru
2.	Bangalore Institute of Technology, Bengaluru
3.	Basavakalyan degree college Basavakalyan
4.	Kristu Jayanthi college, Bengaluru
5.	Bapuji Institute of Technology, Davangere
6.	Rural Community Science Centre, Sagara
7.	Government Engineering college, Kushalnagar



Celebration of National Science Day 2025

To commemorate the discovery of Sir CV Raman the 'Raman Effect', Karnataka State Council for Science and Technology celebrated National Science Day 2025 on the theme: "Empowering Indian Youth for Global Leadership in Science and Innovation for Vikasit Bharat".

The National Science Day focuses on creating interest in science among children through activities like painting, essay competitions, and quizzes. It aims to build scientific attitudes among students and teachers, popularize discovery approaches to solve everyday problems, and cater to society's needs through scientific intervention.

The main focuses on bringing science to the general public, disseminating scientific knowledge, and fostering a scientific way of thinking among students and teachers of Karnataka. Science popularization is a powerful tool for building a modern society, spreading a general approach and common culture, and acting as a bridge to understanding research projects and new

technologies scientific applications in daily life. As part of celebration organized following activities:

i) On-the-spot painting competition

KSCST organized On-the spot painting competition on 15th February 2025 (Saturday) in lawn behind Tata Statue, main building, IISc with following sub themes:

1. Youth Innovators: Shaping the Future for Global Leadership
2. Sustainable Development through Innovation
3. Science and Innovation in Everyday Life
4. Bridging Tradition and Modernity to Materialize Science and Innovation
5. Dreams of today and tomorrow for Vikasit Bharat

Around 600 high school students from various high schools of Bengaluru participated in the competition. The paintings are adjudged by faculty from College of Fine Arts Karnataka Chitrakala Parishath, Bengaluru and 42 paintings were awarded.

Sl. No.	Name of the student
1.	Ms. Priya. P, 10th BBMP High School, Kasturibanagar, Bengaluru
2.	Mr. Syed Moiz A. J, 9th BBMP High School, Ganganagar, Bengaluru
3.	Mr. F. Catherine Nancy, 9 th BBMP High School, Mathikere, Bengaluru
4.	Mr. Nagaraj B, 9 th BBMP High School, Ashok nagara, Basavanagudi, Bengaluru
5.	Ms. Sneha K, 9 th BBMP High School, Byraveshwaranagara, Bengaluru
6.	Mr. Yashas P, 9 th BBMP High School, Kasturbanagar, Bengaluru
7.	Ms. Arshiya, 8 th BBMP High School, Byrasandra, Bengaluru
8.	Mr. Kishore M, 9 th BBMP Boys High School, Austintown, Bengaluru
9.	Ms. Thanushree M., 9 th BBMP High School, Chamarajpet, Bengaluru
10.	Ms. Niyaritha S. Yalawar, 8 th BBMP High School, Cottonpet, Bengaluru
11.	Ms. Srinidhi V, 8 th BBMP Girls High School, Dispensary Road, Bengaluru
12.	Ms. Fathima Banu, 9 th BBMP High School, Jayamahall, Bengaluru
13.	Mr. Akshaya R., 10 th BBMP Boys and Girls High School, Gandhinagar, Bengaluru
14.	Mr. Punith Kumar, 8 th BBMP High School, Cox town, Bengaluru
15.	Mr. Abhijith S, 9 th BBMP High School, Kodandarampur, Bengaluru
16.	Mr. Vetri Velan J. V., 8 th BBMP Boys High School, Jogupalya, Bengaluru
17.	Mr. D Hemant, 8 th BBMP Boys High School, Kempegowdanagar, Bengaluru
18.	Ms. Rukmini, 8 th , BBMP Girls High School, Jogupalya, Bengaluru
19.	Mr. Bindas L, 9 th BBMP High School, Marapppanapalya, Bengaluru
20.	Ms. Jenifer A., 9 th BBMP High School, Magadi Road, Bengaluru

21.	Ms. Manya B, 8 th BBMP High School, Ganganagara, Bengaluru
22.	Ms. J. Smitha Mariya, 9 th BBMP High School, Vidyaranyanagara, Bengaluru
23.	Ms. Jayalakshmi U., 8 th BBMP Girls High School, Srirampura, Bengaluru
24.	Mr. Syed Rihan, 10 th BBMP Boys High School, Tasker town, Shivajinagar, Bengaluru
25.	Ms. Padmavathi Sathpal Patil, 8 th BBMP Girls High School, Mathikere, Bengaluru
26.	Ms. Saleha Khatoon, 9 th BBMP High School, Shanthinagar, Bengaluru
27.	Mr. Izhan Khan, 8 th BBMP High School, Tannery Road, Bengaluru
28.	Mr. Yeshwanth K, 9 th Ashwin Vidyalaya, Mathikere, Bengaluru
29.	Mr. M. Harshavardhan, 8 th Kendriya Vidyalaya, IISc, Bengaluru
30.	Mr. Jacob, 10 th Government High School, Yashwantpur, Bengaluru
31.	Mr. Jattappa, 9 th Government High School, IISc, Bengaluru
32.	Ms. Pushpalatha R., 8 th Karnataka Public School, 13 th Cross, Malleshwaram, Bengaluru
33.	Ms. Musfera Konain, 9 th Government High School, 18 th Cross, Malleshwaram, Bengaluru
34.	Mr. Aditya Sherpa, 9 th Bapu High School, Yeshwanthpur, Bengaluru
35.	Mr. Arun Kumar P, 9 th Adharsha High School, Yeshwanthpur, Bengaluru
36.	Ms. Khushi G, 10 th Oxford English School, Yeshwanthpur, Bengaluru
37.	Ms. R. Priyanka, 9 th Srinidhi High School, Mathikere, Bengaluru
38.	Mr. Chaman Srikar, 8 th Sri Chaitanya Techno School, Sheshadripuram, Bengaluru
39.	Mr. Lakshmi Narayana N, 9 th Iyer High School, Mathikere, Bengaluru
40.	Ms. Sahana K, 9 th Sri Vidyanikethan School, Bengaluru
41.	Mr. Soma Rana, 9 th Shastri Memorial English School, Bengaluru
42.	Ms. Vinutha H M, 9 th MLA High School, Bengaluru

ii) Essay writing competition

Essay writing competition organized in their respective school, the best essay from each school is awarded Celebration of National Science Day 2025 at state level programme. The subthemes are:

1. The Role of Youth in Scientific Research and Innovation
2. Innovation for a Sustainable Future for Global Leadership
3. Global Leadership: The Indian Perspective
4. Empowering Women in Science and Innovation
5. Importance of education in Science, Technology, Engineering, and Mathematics (STEM) in Modern India

Winners of the competition are:

Sl. No.	Name of the student
1.	Ms. M. Jharani Priya, 10 th Oxford English School, Yashwanthpur, Bengaluru
2.	Ms. Rafeequnnisa, 9 th BBMP Girls High School, Jayamahal, Thimmaiah Road, Bengaluru
3.	Ms. Ayesha Musfira, 9 th BBMP Girls and Boys High School, Pillanna Garden, Tannery Road, Bengaluru
4.	Ms. Spoorti.I. Biradar, 9 th BBMP High School, Cottonpete, Bengaluru
5.	Ms. Spoorthi. V, 9 th Sri Chaitanya Techno School, Seshadripuram, Bengaluru
6.	Mr. Pruthvi.S, 9 th BBMP High School, Marappanapalya, Yashwanthpur, Bengaluru
7.	Ms. Shravanthi.L, 9 th BBMP High School, Vidyaranyanagar, Magadi Road, Bengaluru
8.	Ms. Maneesha, 9 th BBMP High School, Ashokanagara, Basavanagudi, Bengaluru
9.	Mr. Kishore. M, 9 th BBMP Boys High School, Austin Town, Bengaluru
10.	Mr. Appu. M. K, 9 th BBMP Boys & Girls High School, Gandhinagar, Bengaluru
11.	Ms. Richa Kumari, 8 th Ashwin Vidyalaya, Nethaji Nagar, Mathikere, Bengaluru
12.	Ms. Poojitha S, 9 th BBMP High School, Kodandarampura, Bengaluru
13.	Ms. Dhanyashree G, 9 th Kendriya Vidyalaya, IISc Campus, Bengaluru
14.	Ms. Deepasha Singh, 9 th BBMP Girls High School, Jogupalya, Halasuru, Bengaluru
15.	Mr. Muskaan Shariff, 9 th Iyer High School, Mohan Kumar Nagar, Bengaluru
16.	Ms. Harshini. M, 8 th BBMP High School, Byrasandra, Jayanagara, Bengaluru
17.	Ms. Pallavi, 9 th BBMP Girls High School, Mathikere, Bengaluru
18.	Ms. Nandhini, 9 th BBMP Girls High School, Mathikere, Bengaluru
19.	Ms. Saba Flalak, 8 th Shastri Memorial English School, Bengaluru
20.	Ms. Megha M. Itagi, 9 th BBMP High School, Ganganagar, R.T.Nagar, Bengaluru

Celebration of National Science Day 2025 at state level

KSCST celebrated the National Science Day on 28 February 2025 at J. N. tata Auditorium Indian Institute of Science Bengaluru with the theme: “Empowering Indian Youth for Global Leadership in Science and Innovation for Vikasit Bharat”.

On this occasion, Shri. N. S. Boseraju Hon'ble Minister of Minor irrigation and Science & Technology Government of Karnataka is inaugurated the National

Science Day 2025 programme and delivered inaugural address. Dr. U. T. Vijay, Executive Secretary, KSCST welcomed the gathering and briefed the importance of developing scientific knowledge. Prof. Ashok M. Raichur, Secretary, KSCST and Professor, Department of Materials Engineering, IISc, delivered presidential address.

Shri. Hiriyanna S., Retd Scientist ISRO Bengaluru delivered technical talk on Space technology and its application. Dr. C. R. Chandrashekar, Professor of Psychiatry (Retd) NIMHANS Bengaluru motivated students through his talk. He gave tips for the students to crack exams. Shri. M. S. Ranganatha Rao, Faculty Widia Poornaprajna School Bengaluru demonstrated science experiments to participants.



Celebration of National Science Day 2025 at district level

KSCST celebrated National Science Day 2025 in 31 districts of Karnataka in coordination with NRDMS officials. As a part of celebration essay competition, science painting competition, model competition, quiz and technical talk was organized in government or aided high schools. The details are as follows:

Sl. No	District	Name of the School	Total number of students attended in NSD 2025
1.	Bagalkot	Govt. High School, Herakal Tq, Bilagi	200
2.	Ballari	Karnataka Public School, Moka. East Education Block	399
3.	Belagavi	Suvarna Soudha, Belagavi	424
4.	Bengaluru Rural	Govt. High School Konaghatta, Doddaballapura Taluk	100
5.	Bengaluru Urban	Govt. High School,K. Gollahalli, Bengaluru South	284
6.	Bidar	Govt. High School, Benchincholi, Humnabad Taluk	200
7.	Chamarajanagar	UGHPS, Kalanahundi, Chamarajanagar	86
8.	Chikkaballapur	Govt. High School, Melur, Sidlaghatta	135
9.	Chikkamagalur	Karnataka Public School, High School, Rangenahalli, Tarikere Taluk	201
10.	Chitradurga	Govt. High School, Bharamasagara, Chitradurga Taluk	204
11.	Dakshina Kannada	Govt. High School, Guruvayankere, Belthangady Taluk	140
12.	Davangere	Govt. High School,Mellekatte, Davanagere North	92
13.	Dharwad	Karnataka Public School, Navangara Taluq, Hubli	121
14.	Gadag	K.H.Patil Girls Govt. High School,Hulkoti Taluk	172
15.	Hassan	Shri. Adikavi Pampa Auditorium,Shravanabelagola	275
16.	Haveri	K.C. Bidari Govt. High School, Benakanakonda Taluk	99
17.	Kalaburagi	Govt. High School, Kaani, Kalaburagi Taluk	124
18.	Kodagu	Govt. High School, Gonikoppa, Gonikoppa	119

19.	Kolar	Karnataka Public School, Somayajalahalli	203
20.	Koppal	Govt. High School, Hosabandiharlpur	188
21.	Mandya	Govt. P.U. College (High School division), Srirangapatna, Mandya	177
22.	Mysuru	Govt. Adarsha Vidyalaya, Hunasuru	158
23.	Raichur	Govt. High School Siya Talab High School, Raichur	128
24.	Ramanagara	Govt. High School, Honganur Grama	280
25.	Shivamogga	Govt. High School, Abbalagere	100
26.	Tumakuru	Govt. High School, Puravara, Madhugiri Taluk	173
27.	Udupi	Volakadu Govt. Composite High School, Udupi	323
28.	Uttara Kannada	Sri. Sharadamba High School, Bhairumbe, Sirsi Taluk	157
29.	Vijayapura	Govt. High School, Kanamuchnal-Babaleshwar Taluq	105
30.	Vijayanagara	Govt. High School, Kariganuru	142
31.	Yadgir	Govt. High School, Ramasamudra	162





Glimpse of NSD 2025 at district level

Celebration of National Science Day through Academic institution

KSCST celebrated National Science Day 2025 in collaboration with academic institution of the state.

Sl. No.	Name of the institution
1.	Bangalore Institute of Technology, Bengaluru
2.	Jyoti Nivas College Autonomous, Bengaluru
3.	Government First Grade College, Nanjangud
4.	BGS College of Engineering and Technology, Bengaluru

Science Outreach Activities: Igniting Curiosity in Rural Schools: 2024 -25

Introduction:

The Karnataka State Council for Science and Technology (KSCST) is committed to fostering a passion for science among the youth of Karnataka. One of our key initiatives is the **Science Outreach Program**, which aims to bring the importance of science and mathematics to rural schools and inspire the next generation of scientists.

Objectives:

- **Engage Students and Teachers:** Promote active participation in science-related activities.
- **Cultivate Inquiry:** Encourage students to ask questions, explore their curiosities, and participate effectively in scientific discussions.
- **Embrace Innovation:** Expose students to the latest advancements in science and technology.
- **Bridge the Gap:** Foster meaningful interactions between scientists and students.
- **Promote Scientific Thinking:** Encourage critical thinking and a deeper understanding of scientific concepts among high school students and teachers.
- **Inspire a Passion for Science:** Convince students of the intellectual value of science and cultivate a scientific mindset.

- **Empower Future Scientists:** Encourage students to pursue science in their higher education.

Science Outreach Programme for Rural Schools: A Collaborative Effort

- **Partnership for Impact:** KSCST, in collaboration with the Science for Rural India (SFRI) initiative, is conducting a comprehensive Science Outreach Programme for rural schools. This initiative involves a group of over 30 research scholars who are Ph.D. students at the Indian Institute of Science (IISc), representing various departments. The program aims to instill a scientific temperament, build confidence, and motivate students to pursue science in their higher studies.
- **Reaching Underserved Communities:** A team of IISc research scholars, supported by the Karnataka Residential Educational Institutions Society (KREIS) functioning under Department of Social Welfare, Government of Karnataka, visits rural schools, including:
 - Morarji Desai Residential School
 - Kittur Rani Chennamma Residential School
 - Dr. B. R. Ambedkar Residential School
 - Masti Venkatesha Iyengar Residential School
 - Atal Bihari Vajapayee Residential School and PU College
- **Empowering Students:** These institutions cater to high school students from underprivileged communities (SC/ST/BC). The outreach program aims to:
 - **Ignite Curiosity:** Conduct engaging experiments and hands-on activities in Physics, Chemistry, and Biology, aligned with the 8th, 9th, and 10th-grade curriculum.
 - **Build Confidence:** Instill a scientific temperament and motivate students to pursue science.
- **Investing in the Future:** KSCST provides financial support for the development of experimental kits to equip IISc research scholars for these activities and provide support for their travel in reaching schools.
- **Strategic Partnerships:** The schools were identified by the Karnataka Residential Educational Institutions Society (KREIS), functioning under the Department of Social Welfare, Government of Karnataka, from the districts of Ramanagara, Tumkur, Kolar, and Mandya.
- This programme is **supported and catalysed by National Council for Science and Technology Communication (NCSTC), Department of Science and Technology, Government of India.**

List of institution's covered during SFRI physical outreach sessions from September 2024 to January 2025

Date	KREIS Institution Name	School code	Address	No. of Students Benefitted
14th September 2024	Masti Venkatesha Iyengar Residential School (BC)	247	Masti, Uladenahalli Post, Kolar District	83
	Morarji Desai Residential School (ST)	144	Rajenahalli, Kolar District	122
26th October 2024	Morarji Desai Residential School (BC)	48	Malur, Kolar District	60
	Morarji Desai Residential School (ST)	144	Rajenahalli, Kolar District	43
	Kittur Rani Channamma Residential School (SC)		Rajenahalli, Malur Taluk, Kolar	43
9th November 2024	Dr. B. R. Ambedkar Residential School (SC)	735	Devarayapattana, #11 Cross, B. R. Complex, Devarayapattana, Tumkuru	129
	Morarji Desai Residential School (SC)	86	Narasapura, Hebbur Hobli, Tumkuru Taluk, Tumkuru Dt.	112
	Kittur Rani Chennamma Residential School (SC)	408	Hebburu Hobali - 572120, Kanakuppe Gram Panchayat, Tumkuru Taluk, Tumkuru Dt.	65
16th November 2024	Kittur Rani Chennamma Residential School (ST)	669	Padma Mahadeva Krupa, 11th Cross, S.S Puram, Tumkur	72
23rd November 2024	Morarji Desai Residential School (ST)	06	Kundana, Devanahalli taluk, Bangalore Rural	134
30th November 2024	Dr. B. R. Ambedkar Girls Residential School (SC)	710	Isturu, Madhure hobali, Doddaballapur taluk, Bengaluru Rural district	67
	Morarji Desai Residential School for Boys (BC)	01	Adakamaranahalli, Makali Post, Dasanapura Hobli, Bengaluru North Taluk	117
	Atal Bihari Vajapayee Residential School and PU College (SC)	591	Bommavara, Uganawadi post, Devanahalli (taluk), Bengaluru Rural	138
7th December 2024	Kittur Rani Chennamma Residential School (SC)	661	Balepura, Chennarayapatna hobli, Devanahalli, Bangalore Rural District	130

Date	KREIS Institution Name	School code	Address	No. of Students Benefitted
	Kittur Rani Chennamma Residential School (SC)	387	Telagarahalli, Anekal, Bengaluru South District	74
14th December 2024	Morarji Desai Residential School (BC-12)	12	Dodda Alahalli, Kanakapura (T), Ramanagara	137
	Morarji Desai Residential School (BC)	18	Byramangala(H. Gollahalli), Ramanagara(T), Ramanagara	158
21st December 2024	Morarji Desai Residential School (SC)	03	Atthibele, Anekal, Bengaluru Urban	85
	Morarji Desai Residential School (ST)	17	Hunasedoddi, Kootagal Hobli, Ankanahalli (Post), Ramanagara Dt.	142
4th January 2025	Morarji Desai Residential School (SC)	20	Mayaganahalli, Mayaganahalli post, Ramanagara taluk	121
Total Number of Students benefitted from 20 institutions				2032





Glimpses of the Student Science Outreach Programme conducted by IISc Research Scholars and organised by the Karnataka State Council for Science and Technology (KSCST) with the Support of NCSTC, Department of Science and Technology, Government of India and Karnataka Residential Educational Institutions Society, Department of Social Welfare, Government of Karnataka

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