

PROJECT COMPLETION REPORT ON

CELEBRATION OF

NATIONAL MATHEMATICS DAY – 2021

NATIONAL SCIENCE DAY - 2022

**Theme: “Integrated Approach in S&T for
Sustainable Future”**

Principal Coordinator
Mr. H. Hemanth Kumar
Executive Secretary, KSCST

Co-Coordinator
Mr. K. N. Venkatesh
Senior Project Engineer, KSCST

Submitted to:

National Council for Science and Technology Communications
Department of Science & Technology
Government of India, New Delhi



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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1. Details of the Coordinator:

Coordinator:

Name : Mr. H. Hemanth Kumar
Designation : Executive Secretary
Organization : Karnataka State Council for
Science and Technology (KSCST)
Address : Karnataka State Council for
Science and Technology
Indian Institute of Science campus,
Bengaluru -560012
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/23348849,
E-mail: hemanth@kscst.org.in,
office@kscst.org.in, office.kscst@iisc.ac.in
Date of Birth : 1st January 1964
Sex (M/F) : Male

Co-Coordinator:

Name : Mr. K. N. Venkatesh
Senior Project Engineer
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Technology, Indian Institute of Science
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2. Objectives:

- To promote scientific thought, method and inquiry among students and teachers
- To popularize discovery approach among students using hands-on experiments.
- To encourage innovative ideas among students
- To enhance the knowledge and motivating students to invent.
- Importance of STEM for high school students (Science, Technology, Engineering and Mathematics)

3. Time schedule of the Project:

a) National Mathematics Day – 2021

- Proposed duration/date(s): 8 months
- Approved duration/date(s): 6 months

b) National Science Day – 2022

- Proposed duration/date(s): 8 months
- Approved duration/date(s): 6 months

4. Collaboration:

The following organisations have collaborated to organise the activities of NMD-2021 & NSD-2022:

| | | |
|-----|----------------|---|
| 1. | Bengaluru | Indian Institute of Science, Bengaluru |
| 2. | Ballari | Bellary Sub-Regional Science Centre |
| 3. | Davangere | Davangere Science Centre |
| 4. | Dharwad | Dharwad Regional Science Centre |
| 5. | Kalaburagi | KSCST Regional Centre – Kalaburagi |
| 6. | Mangaluru | Pilikula Regional Science Centre |
| 7. | Mysuru | JSS Science and Technology University |
| 8. | Uttara Kannada | Sub Regional Science Centre |
| 9. | Bengaluru | Bangalore Institute of Technology |
| 10. | | Indian Academy of Degree College-Autonomous |
| 11. | | Karnataka Jnana Vijnana Samithi |

5. Give brief details

A. National Mathematics Day 2021

As a part of celebrations, KSCST organised following activities for high school students of Karnataka through online platform.

I. Video Making Contest

The video making contest on “Mathematics around us” was organised for high school students. A video of 120 seconds narrating about the mathematics in our daily life were submitted either in Kannada or in English language. An around 75 videos were received and 15 videos are adjudged for prizes.



VIDEO MAKING CONTEST

Age group:
High school Students
8th – 10th

Last date for submission

2021
December
15

05:00 PM

Theme: Mathematics Around Us

- Participants must be student of Karnataka state only
- Participants should upload school ID card
- Video should be made only on mathematics related topics
- Content in the video should be easy to understand, communicated clearly and emphatically
- Video must be in Kannada or English language only
- Video should be restricted to maximum of 120 seconds (two minute) not more than 20mb
- Only one entry per eligible person
- Decision of the panel judges would be final

Results will be announced on
22 December 2021

 **Google FORMS**
<https://forms.gle/MtCKL7Kp4L1WKM8h6>

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Karnataka State Council for Science and Technology

Posters circulated among students regarding contest

The details of winners are as follows:

| Sl. No | Name of the student | Place |
|---------------|--|--------------|
| 1. | Kashvi Andhiwal 10th, Kendriya Vidyalaya, NAL Campus | First |
| 2. | Shreyas S 10th, V.V.S. Sardar Patel High School, Bangalore | |
| 3. | Aamna Hasan 9th, Presentation Girls High School Dharwad | |
| 4. | Ashvini Talavar 9th, Kitturu Rani Chennamma Residential School Ballutagi Yelaburga Tq, Koppal Dist | Second |
| 5. | Samanvith M N 9th, Karnataka Public School K. R. Pura, Bengaluru | |
| 6. | Lucky Kumar D. 9th, M.E.S Kishora Kendra | |
| 7. | Nikhil 10th, BGS English school, Agalagurki | Third |
| 8. | Chinmayee A. S. 8th, Sri Vidya Kendra The Smart School | |
| 9. | D. Sharvani 10th, Capitol Public School | |
| 10. | Neelaganga 10th, Government Girls High School, Kalaghatagi | Consolation |
| 11. | Anisha Dharawad 10th, Government Girls High School, Kalaghatagi | |
| 12. | Pragathi R 10th, Government High School, Mandaghatta | |
| 13. | Pallavi Ani 10th, Kitturu Rani Chennamma Residential School, Dambal | |
| 14. | Harshith S. 8th, Lourdes High School, Bangalore | |
| 15. | Shubha C R 8th, Karnataka Public School Kuduru | |

II. Jigsaw Puzzle Competition

Mathematics jigsaw puzzle solving competition held on 16 December 2021 for high school students of the state through online mode. Competition conducted in 3 batches. Each batch of students awarded with first, second, third and consolation prizes.

JIGSAW PUZZLE SOLVING COMPETITION

Age group: High School Students 8th – 10th

As a part of celebrations of National Mathematics Day 2021, Karnataka State Council for Science and Technology (KSCST) is organizing Puzzle Competition on 16 December 2021 for high school students of Karnataka.

PUZZLE EVENT DATE

2021
December
16

GUIDELINES:

- To participate in the competition, prior registration is must
- Participants must be student of Karnataka state only
- Participants should upload school ID card during registration
- Link for the participation will be communicated one day before
- Puzzle will be given through online platform on 16 December 2021
- Only one entry per eligible person
- Decision of the panel judges would be final

LAST DATE FOR REGISTRATION

2021
December
14

05:00 PM

Google FORMS
<https://forms.gle/cVXbreYAR5seA7SYA>

Results will be announced on
22 December 2021

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Karnataka State Council for Science and Technology

Poster Circulated among student about the competition.

The winners of jigsaw puzzle competition are as follows

Group 1:

| Sl. No | Name of the student | Place |
|---------------|---|--------------|
| 1. | Y. K. Ravikumar 10th, MDRS, Modalagatta | First |
| 2. | Vivek Doddamani 9th, MDRS, Modalaghatta | Second |
| 3. | Kalesh P H 9th, MDRS, Modalaghatta | Third |
| 4. | Aishwarya L Badiger 9th, MDRS, Kalloli | Consolation |
| 5. | Chaitra Chakrasali 9th, MDRS, murdeshwar | |

Group 2:

| Sl. No | Name of the student | Place |
|---------------|--|--------------|
| 1. | P Krithika 8th, National Public School, Yeshwanthpur | First |
| 2. | Soumya Pandey 8th, National Public School, Yeshwanthpur | Second |
| 3. | Ibbani M.R , 9th, V.V.S. | Third |
| 4. | Diya M 9th, MES Kishore Kendra Public School | Consolation |
| 5. | Ishani M 8th, National Hill View Public School, RR Nagar, Bangalore | |

Group 3:

| Sl. No | Name of the student | Place |
|---------------|---|--------------|
| 1. | Indu Shree A V. 9th , BGS English School, Agalagurki, Chickaballapur | First |
| 2. | Om C Math 9th, National Public School, Yeshwanthpur | Second |
| 3. | Chethana 8th, BGS English school, Chickaballapur | Third |
| 4. | Prerana.Cp 10th, Cadambi Vidya Kendra | Consolation |
| 5. | Koshank Singh 10th, Nitte International School | |

III. Quiz Competition

Online quiz competition on mathematical concepts was held on 17 December 2021 for high school students of the state. Competition organized in three batches, around 300 participants participated in the competition.

Quiz Competition

As a part of celebrations of National Mathematics Day 2021, Karnataka State Council for Science and Technology (KSCST) is organizing Quiz Competition on 17 December 2021 for high school students of Karnataka.

Age group: High school Students 8th – 10th

Guidelines:

- To participate in the quiz, prior registration is must
- Participants must be student of Karnataka state only
- Participants should upload school ID card during registration
- Link for the participation will be communicated one day before

QUIZ EVENT DATE

2021
December
17

Quiz will be for 30 questions through online platform
Questions will be shared only in the meeting
Only one entry per eligible person
Decision of the panel judges would be final

Results will be announced on

22 December 2021

LAST DATE FOR REGISTRATION

2021
December
15

05:00 PM

Google FORMS

<https://forms.gle/7CFLkffEaV6Wtbej9>

KSCST

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Karnataka State Council for Science and Technology

Poster of quiz competition circulated among students.

The details of the winners of quiz competition are as follows

Group 1:

| Sl. No | Name of the student | Place |
|---------------|--|--------------|
| 1. | Veeresh C M 10th , MDRS Modalaghatta | First |
| 2. | Tejashwini Hebbal 10th, MDRS Kalloli | Second |
| 3. | Vinay M. 8th, MDRS, Holenarsipura | Third |
| 4. | Ziya Naikwadi 9th, Mohammadiya urdu high school Kudachi | Consolation |
| 5. | Jayalaxmi agasimani 10th, Government Girls High School, Kalghatagi | |

Group 2:

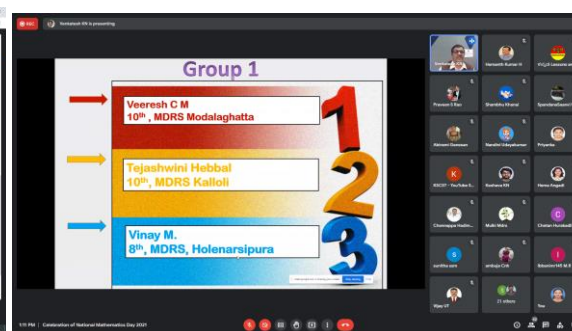
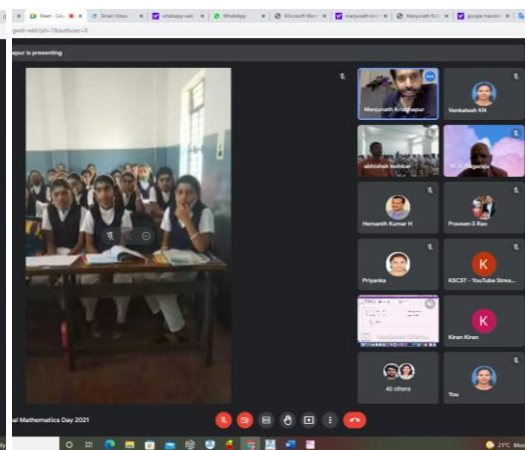
| Sl. No | Name of the student | Place |
|---------------|--|--------------|
| 1. | Vishakh A.M 8th, National Public School, Yeshwanthpur | First |
| 2. | Aryan Srinivasan 8th, Sri Vidya Kendra The Smart School | Second |
| 3. | Mir Zoya Ali 8th, The Jain international school | Third |
| 4. | Deepa GV 8th, S Cadambi Vidya Kendra | Consolation |
| 5. | Sarayu 8th, Vidyashilp Academy | |

Group 3:

| Sl. No | Name of the student | Place |
|---------------|---|--------------|
| 1. | Sinchana B C 10th, The Jain International School, Bangarpet | First |
| 2. | M. Ruthvik Chowdary 9th, National Public School | Second |
| 3. | Chiranthan R 9th, Sri Vidya Kendra The Smart School | Third |
| 4. | Srisha.S 8th, Royal English school | Consolation |
| 5. | Sahana lakamanahalli 9th, Presentation Girls'High School Dharwad | |

IV. Celebration of National Mathematics Day 2021

KSCST celebrated National Mathematics Day 2021 on 22 December 2021 through online mode to mark the birth anniversary of Indian Mathematician Sri Srinivasa Ramanujan and his contribution towards mathematics. Mr. H. Hemanth Kumar delivered inaugural address on this occasion. Prof. Manjunath Krishnapur, Department of Mathematics, Indian Institute of Science, Bengaluru interacted with the students on day today application of mathematics. Prof. Nagaraju M. R., Central University, Bengaluru address the gathering on importance of mathematics in day today life. Mr. Praveen S., Mathematics teacher, Kolar demonstrated origami models.



Glimpse of NMD2021 on 22nd December 2021

V. Celebrating NMD 2021 in 60 Government High Schools of backward talukas of Karnataka

Celebrated National Mathematics Day 2021 in sixty residential schools (MDRS (Moorarji Desai Residential School), ABVRS (Atal Bihari Vajpayee Residential School) and KRCRS (Kittur Rani Chennamma Residential School)) schools of Karnataka Residential Educational Institution Society. The quiz, essay, model exhibition, technical talks were conducted on the occasion.

| SL.NO. | DISTRICT NAME | SCHOOL NAME |
|--------|------------------|-------------------------------------|
| 1 | BENGALURU URBAN | MDRS, ADAKAMARANAHALLI |
| 2 | BENGALURU URBAN | MDRS, CHAMARAJAPETE TOWN |
| 3 | BENGALURU RURAL | MDRS, KUNDANA |
| 4 | RAMANAGARA | MDRS, DODDAMARALAVADI |
| 5 | RAMANAGARA | MDRS, HULIKATTE |
| 6 | CHITRADURGA | MDRS, GULAYYANAHATTI |
| 7 | CHITRADURGA | MDRS, K R HALLI BHARAMASAGARA |
| 8 | KOLAR | MDRS, MALUR |
| 9 | SHIVAMOGGA | MDRS, GAJANURU |
| 10 | SHIVAMOGGA | MDRS, ANAVERI |
| 11 | TUMAKURU | MDRS, HUVINAKATTE |
| 12 | DAVANAGERE | MDRS, DEVERABELAKARE |
| 13 | DAVANAGERE | MDRS, MUGGIDARAGIHALLI |
| 14 | MYSURU | MDRS, RAMPURA, SALIGRAMA |
| 15 | CHIKKAMAGALURU | MDRS, KUPPALU |
| 16 | DAKSHINA KANNADA | MDRS, MENNABETTU(KAMMAJE) |
| 17 | DAKSHINA KANNADA | MDRS, MACHCHINA |
| 18 | HASSAN | MDRS, DANDIGANAHALLI(KUNDURU MATHA) |
| 19 | MANDYA | MDRS, KERETONNURU |
| 20 | MANDYA | MDRS, SOMANAHALLI |
| 21 | CHAMARAJANAGARA | MDRS, B R HILLS |
| 22 | UDUPI | MDRS, BRAMMAVARA(AROORU) |
| 23 | UDUPI | MDRS, HIREBETTU(PATLA) |

| | | |
|----|-----------------|------------------------------------|
| 24 | KODAGU | MDRS, ALUR SIDDPURA |
| 25 | KODAGU | MDRS, KUDIGE |
| 26 | BELAGAVI | MDRS, NIDASOSHI |
| 27 | BELAGAVI | MDRS, KALLOLI |
| 28 | VIJAYAPURA | MDRS, HORTHI |
| 29 | DHARWAD | MDRS, GANJIGHATTI (KALAGHATAGI) |
| 30 | UTTARA KANNADA | MDRS, HALIYALA(BANASAGERI) |
| 31 | BAGALKOTE | MDRS, MUDHOL |
| 32 | BAGALKOTE | MDRS, MUCHAKHANDI |
| 33 | GADAG | MDRS, NARAGUND (BENAKANAKOPPA) |
| 34 | HAVERI | MDRS, NEGALUR |
| 35 | HAVERI | MDRS, CHIKKERUR |
| 36 | KALABURAGI | MDRS, ARJUNAGI |
| 37 | YADGIRI | MDRS, BEVENAHALLI CROSS |
| 38 | YADGIRI | MDRS, BENDEBEMBALLI |
| 39 | BALLARI | MDRS, MODALAGHATTA |
| 40 | BIDAR | MDRS, BAGDAL |
| 41 | RAICHUR | MDRS, JALAHALLI |
| 42 | RAICHUR | MDRS, MASARUKAL |
| 43 | KOPPAL | MDRS, BEVURU |
| 44 | KOLAR | KRCRS, CHALDIGANAHALLI |
| 45 | CHIKKABALLAPURA | KRCRS, KONDAREDDYHALLI |
| 46 | CHIKKABALLAPURA | KRCRS, MANIVALA |
| 47 | TUMAKURU | KRCRS, BHUVANAHALLI |
| 48 | MYSURU | KRCRS, DHARMAPURA, HUNSURU |
| 49 | CHIKKAMAGALURU | KRCRS, JODIHOCHIHALLI |
| 50 | HASSAN | KRCRS, HANGARAHALLI |
| 51 | VIJAYAPURA | KRCRS, JAMMALADINNI |
| 52 | DHARWAD | KRCRS, NAVALAGUND |
| 53 | UTTARA KANNADA | KRCRS, RAMANAGAR(JOIDA) |
| 54 | GADAG | KRCRS, DAMBALA |
| 55 | KALABURAGI | KRCRS, NARIBOLA |

| | | |
|----|-----------------|----------------------------------|
| 56 | BALLARI | KRCRS, VADDINKATTE |
| 57 | KOPPAL | KRCRS, BALLUTAGI |
| 58 | BENGALURU RURAL | ABVRS, BOMMAVARA |
| 59 | BIDAR | ABVRS, MANNALLI (GHODAMPALLI) |
| 60 | CHAMARAJANAGARA | EMRS, MANGALA |



VI. Mathematics workshop for high school teachers

As a part of NMD 2021, mathematics workshop organised for high school teachers of the state in collaboration with science centres, NGO's and institutions of the various districts.



B. National Science Day 2022

KSCST celebrates National Science Day to commemorate discovery of the 'Raman Effect', which led Indian scientist Sir C. V. Raman winning the Noble Prize in Physics in 1930. This year national Science Day was celebrated on the theme titled "*Integrated Approach in S&T for Sustainable Future*". As a part of National Science Day 2022 following activities were organized

I. Online Painting Competition

Online painting competition for high school students of the state was held on 12 February 2022. Participants drew the picture based on the stories narrated. The scanned copies of painting received during the session, adjudged by faculties of Chithrakala Prishath, Bengaluru. Every 2 batches narrated with same story, hence each theme awarded with first, second, third and consolidated prizes. An around 1000 students participated in the competitions.

The details of winners are as follows:

| Sl. No: | Name | Place |
|---------|--|--------|
| 1. | Suhan S Shetty 9th Std, Little Rock Indian School, Brahmavar | First |
| 2. | Gauri S. 9th Std, St. Cecily's High school, Udupi | |
| 3. | Hemanth Y. R. 9th Std, MDRS Renumakalahalli, Chikkaballapur | |
| 4. | Rashitha Bhavi 10th Std, KSPMGH Pervaje Karkala | |
| 5. | Vaishnavi Shetty 10th Std, Government High School Siddapura, Kundapura taluk, Udupi | |
| 6. | Rahul H. 8th Std, Jnana Bandu Higher Primary School and PU College Bhagyanagar, Koppal | Second |
| 7. | Chalana P. 9th Std, Schoenstatt St. Mary's High school, Bengaluru | |
| 8. | Bhimappa Badiger 9th Std, MDRS Mallapur, Gokak | |
| 9. | Siri 9th Std, Government Adarsha Vidyalaya, Ballari | |

| | | |
|-----|---|-------------|
| 10. | Varennya .T. Badri 10th Std, Podar International School,Shivamogga | |
| 11. | Rashmi R. 9th Std, Empress Karnataka Public School, Tumkur | Third |
| 12. | Bhuvana T. D. 9th Std Teresian Convent Girls High School, Mysuru | |
| 13. | Kavita C Dyamakkanavar 10th Std, Kittur Rani Chennamma Residential School Betadur, tq:Kundagol dist:Dharwad | |
| 14. | Preethi 9th Std, GHS Kyathsandra, Tumakuru | |
| 15. | Mohammed Nabeel 9th Std, National Public School Sheshadripuram, Shivamogga | |
| 16. | Yash D Patil 8th Std, M.V Herwardkar English Medium Schools, Talikwadi, Belagavi | Consolation |
| 17. | Niranjan D. P. 9th Std, Government High school, Doddhejuru | |
| 18. | Prajwal M. R. 10th Std, Global Public school, Mandya | |
| 19. | Pranita P. Chinnannavar 8th Std, Mahila Vidyalaya Mandal's English Medium school | |
| 20. | Mohithe Chaali Chand K. V. 8th Std, Mothi Veerappa Govt High School Davanagere | |
| 21. | K. Prathista Shet 8th Vidyodaya Public school, Udupi | |
| 22. | Priya Katigar 9th Std, CDO Jain English Medium School, Gadag | |
| 23. | Vishwanath V Kambali 9th Std, Shri C D O Jain English medium school, Gadag | |
| 24. | Suraj Kariyappanavar 9th Std, Shri C.D.O Jain Education Society's English Medium School, Gadag | |

| | |
|-----|---|
| 25. | Mahalaxmi Handral 9th Std, Shri C.D.O Jain Education Society's English Medium School, Gadag |
| 26. | Dhanya K. 8th Std, MDRS Hiremagadi, Soraba Dist Shivamogga |
| 27. | Monika Devi Bevinakatti 10th Std, KRCRS Madapur Karadgi Tq-Savanur Dist-Haveri |
| 28. | Sanjana Kambli 9th Std, KRCRS Madapur Karadgi Tq-Savanur Dist-Haveri |
| 29. | Nanditha D. 8th Std, KRCRS Neeragunda Gate Hosadurga |
| 30. | Suchithra H. R. 9th Std, Morarji Desai Residential School, Sindigere Chikmagalur |
| 31. | Swagath K. G. 9th Std, Dr B R Ambedkar Residential School Jayapura, Chikkamagaluru |
| 32. | Hanumesh V. 10th Std, Dr. B. R. Ambedkar residential school, Hulihyder, Gangavathi, Koppal |
| 33. | Chiranth H. S. 9th Std, Anmol Public School Shiramagondanahalli, Davangere |
| 34. | Apoorva N. Mudabagil 9th Std, Cordial High School, Bengaluru |
| 35. | Nithya 10th Std, Government high school Mudagandur, mandya District. |
| 36. | Spoorthy N. 10th Std, Nandi school CBSE, Ballari |
| 37. | Chakrika K. S. 9th Std, Podar International school, Oddinakoppa Shivamogga |
| 38. | Syeda Simra Mehwish 10th Std, Nandi school CBSE, Ballari |
| 39. | Gagan V. Rai 9th Std, Marimallappa High school, Mysore |
| 40. | Pooja B. 10th Std, Nandi International School |



Karnataka State Council for Science and Technology
ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ

NATIONAL SCIENCE DAY 2022

Theme

“Integrated Approach in Science and Technology for Sustainable Future”

Saturday 12 February

10.00 AM TO 12.30 PM

ON-LINE SCIENCE PAINTING COMPETITION

- Students should paint based on the narrated science concept.
- Must use A3 Size drawing sheets for the painting competition.
- The drawing can be of free style, may use crayons, water color, paint and other related accessories.
- Scan the painted sheet using Adobe Scan App or any other App in .pdf format and submit to KSCST within 30 minutes through Google link provided during the competition.
- Only registered students can participate in the competition.
- The winners of the competition will be awarded with e-Certificate and cash prize on **National Science Day 2022** programme to be held on **28th February 2022** (Monday) – through online platform.



Prize

| | |
|-------------------|-----------|
| First Prize | Rs.3,000 |
| Second Prize | Rs. 2,500 |
| Third Prize | Rs. 2,000 |
| Consolation Prize | Rs. 1,000 |

Last date for registration
7 February 2022 at 5.00pm



Register through google link:
<https://forms.gle/7XtnMJBZVFDtckNR9>

For information contact:
Mrs. Anjani (M: 8722262281)
Mrs. Priyanka (M: 8105747283)

Poster Circulated among students

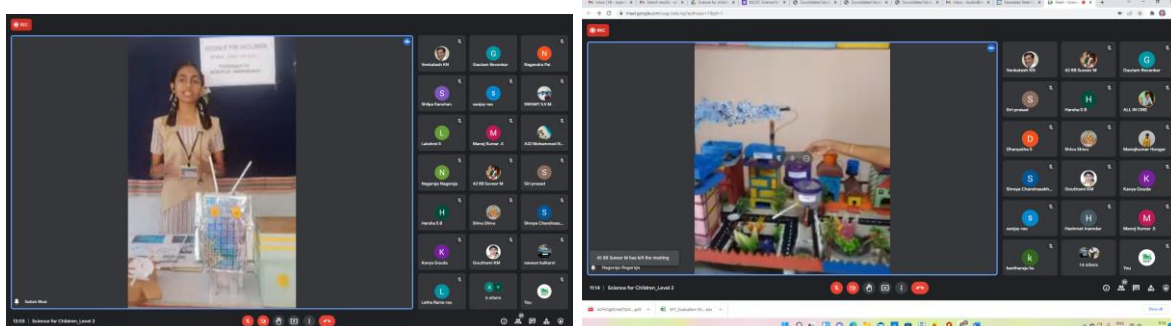
II. Science for Children

Science for Children competition was organised in two levels. Level 1 at district level where students submitted the concept paper consisting S&T interventions to address local problems. The four best concepts from each district selected for Level 2 of evaluation. In level 2 (state level) the prototype/posters of submitted concepts are implemented and exhibited. State level competition held in three batches.

The details of winners as follows:

| Sl. No: | Name | Place |
|----------------|---|--------------|
| 1. | Shreya C 10th Std, JSS Public School Siddharthanagar, Mysuru | First |
| 2. | Prashanth Malli 9th Std, SDSGPU High School Jamakhandi, Bagalkote | |
| 3. | Murshida K.A 10th Std, Government High School, Hakathoor, Kodagu | |
| 4. | Suveer 8th Std, Podar International School Voddinakoppa, Shivamogga | Second |
| 5. | Suprabh P. Khandke 10th Std, St. Josheph High school Jyotinagara, Chikkamagaluru | |
| 6. | Pruthvi Mrutyunjayya Mathad 9th Std, KLE English Medium School DC Office Road, Haveri | |
| 7. | Sinchana K. N. 8th, Kasturba Girls High School Gopi Circle, Shivamogga | Third |
| 8. | K. Divya Prakash 9th Std, Sevaabharathi Public School Chamarajanagara | |
| 9. | V. S. Yogini 9th Std, Chinmaya Vidyalaya, Kolar | |
| 10. | Sukhi R Rao 10th Std, Teresian Girl's High School Siddharthanagar, Mysuru | Consolation |
| 11. | Harsha S. B. 10th Std, Shantiniketan Public School, Ramanagara | |
| 12. | Abhishek Joel G ullikashi 9th Std, KLE School, Gadag | |
| 13. | Sushmita Santosh 9th Std, Millenium School Aland road, Kalabiragi | |
| 14. | Chiranthana Gowda S. K. 9th Std, Government High School Peresandra, Chickballapur | |

| | | |
|-----|---|--|
| 15. | Ashwini R. Vasanada 10th Std, Government High School, BTDC, Bagalkote | |
|-----|---|--|



Karnataka State Council for Science and Technology
ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ

KSCST

Science for Children

On the occasion of National Science Day 2022, KSCST is organising “*Science for Children*” for students of class 8, 9 & 10 of Karnataka

**Last date to register
22 January 2022 at 5.00pm**

Objectives:

- ☐ To motivate and engage the children in enquiry-based learning
- ☐ To learn and understand about ecology, economy and society
- ☐ To apply scientific principles in day-to-day activities

Two levels of competition:

Level – 1: Technology for Sustainable Living

- Students should submit idea in a prescribed format.
- Best four concepts from each district will be selected for state level*

Level – 2: Design, Development and Model / Poster making

- At state level competition, students need to develop model / poster.
- Competition will be through online platform.

Level 2 Prize

| | |
|-------------------|-----------|
| First Prize | Rs.5,000 |
| Second Prize | Rs. 3,000 |
| Third Prize | Rs. 2,000 |
| Consolation Prize | Rs. 1,000 |

**Best model / poster will be awarded on
28 February 2022**

To register for District level competition
please click on below link
https://www.kscst.org.in/nsd_files/nsd2022_files/Science_for_Children/Information_poster_Registration_Links_Science_for_Children_competition_districtwise.pdf

Posters of Science for Children circulated among students

III. Science Puzzle & Riddle solving competition

Online Science puzzle and riddle solving competition held in two levels. Level 1 conducted in each district either online/offline mode through district NRDMS staffs. The four winners from each district selected for level 2 (state level) competition. Level 2 was held in three batches.

The winners of the competition are as follows:

| Sl. No: | Name | Place |
|---------|--|-------------|
| 1. | Madhumathi 9th, St Mary's convent High school, Raichur | First |
| 2. | Vishal Vishnu Hegde 8th, Pragati Vidyalaya English Medium Primary and Secondary School, Muroor, Kumta, 581362 | |
| 3. | Lucky Kumar 9th, M.E.S Kishora Kendra Primary and High School, Bengaluru | |
| 4. | Aryan Astakala 10th, SRN Mehta State School , Kalaburagi | Second |
| 5. | Ibbani M R 9th, Vidya Vardhaka School, Kuvempunagar, Mysuru | |
| 6. | Maanya R 10th, Sri Chaintanya Techno, Bengaluru | |
| 7. | Varun V Kulkarni 9th, St. Joseph English Medium School Vijayapur | Third |
| 8. | Yogaraj M Naik 9th, Morarji Desai Residential School, Murdeshwar | |
| 9. | Yashas Gowda N. 9th, B.G.S English School, Agalagurki, Chickballapur | |
| 10. | Saniya.V 8th, Government Adarsha Vidyalaya, Ballari | Consolation |
| 11. | Shubhashree V Gujjar 9th, Shantiniketan High School, Vijayapura | |
| 12. | Rajath R Shet 9th, Mazzarello English Medium High School, Kasarkod | |

| | | |
|-----|---|--|
| 13. | Moksha A D Poojary 9th, Ladyhill Victoria Girl's High School, Mangalore | |
| 14. | Suvidha 10th, Carmel Convent High School, Mandya | |
| 15. | Thanush Gowda G. V. 10th, Global Public School, Mandya | |



Karnataka State Council for Science and Technology
ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ

Science Puzzle and Riddle Solving Competitions

As a part of National Science Day 2022, KSCST is organizing **Science Puzzle and Riddle Solving Competitions** for high school students (class 8, 9 & 10) selected schools of **Belagavi district**.

Two levels :

Level 1:

- Level 1 will be of organised in respective district
- Competition will be through online.
- Date of competition will be communicated through e-mail for registered students
- *Best four students from each district will be selected for state level competition.*

Level 2:

- State level competition will be through online.
- The winners of the competition will be awarded with e-Certificate and cash prize on National Science Day 2022 programme to be held on **28th February 2022** (Monday) – through online platform.

Last date for registration
2 Feb 2022

Level 2 Prize

| | |
|-------------------|-----------|
| First Prize | Rs.2,500 |
| Second Prize | Rs.2,000 |
| Third Prize | Rs. 1,500 |
| Consolation Prize | Rs. 1,000 |



Register through google link:
<https://forms.gle/MRmDZzgSBodCjrE96>

For more details contact
Mr. Omkar Kori (9591507752)



Posters circulated among the students

IV. Essay contest for teachers and students

Essay contest for high school teachers and students was held on the occasion of NSD. Article related to the theme was submitted by the participants. Received 867 essay from students and 81 from teachers and 5 essay from teacher category and 15 from student category were adjudged for the prize.

i. Teachers Essay Contest

| Sl. No: | Name | Place |
|---------|---|-------------|
| 1. | Ms. Uma Venkatraman Hegde Janata Vidyalaya, Kumta, Uttara Kannada | First |
| 2. | Ms. Anita Tukaram Khatavakar Morarji Desai Residential School, Belagavi (D) | Second |
| 3. | Mr. Lingaraj Indira Gandhi Residential School, Mallat Sirwar (T), Raichur (D) | Third |
| 4. | Ms. Nirupama K. K. Government High School, Dinka Pandavapura (T), Mandya District | Consolation |
| 5. | Ms. Sumangala Government High School, Gour Basavakalyan taluk, Bidar | |

ii. Students Essay Contest

| Sl. No: | Name | Place |
|---------|--|--------|
| 1. | Likhith Babu S 9th Government Adarsha Vidyalaya, Ballari | First |
| 2. | Rishi Kiran Lakshmana Rao 8th MESKK Malleswaram, Bengaluru | |
| 3. | Tejas T. S. 8th, Government High School, Kannalli, Bengaluru | |
| 4. | R. Aakifah 9th Nandi International School, Ballari | Second |
| 5. | Dheeraj M Revankar 9th Gomatesh High School, Hindwadi, Belagavi | |
| 6. | Anwasha D. R. 8th, National Public School, Shivamogga | |
| 7. | Varchasvi 8th, Government High School, Volakadu, Udupi | Third |

| | | |
|-----|---|-------------|
| 8. | Aryaman Rahul Baadkar 8th, Nirmala Hrudaya High school, Ankola Uttara Kannada | |
| 9. | Pranamy R. 9th, Saandeevani English High School, Shivamogga | |
| 10. | Ashiwitha J. V. 9th, BGS English School, Agalagurki, Chickballapur | Consolation |
| 11. | Bhoomika 9th, Kitturu Rani Channamma Residential School Hosalli Tq: Yelburga Dist: Koppal | |
| 12. | Anagha S. Bhat 9th, Vijaya Vittala Vidyashala Saraswathipuram, Mysuru | |
| 13. | Aishwarya S. kalagurki 9th Tungal school, Ittangihal, Vijayapura | |
| 14. | Sadanand Todalabagi 10th, Podar International School, Shimoga | |
| 15. | Aishwarya 8th, Government High school Attavara, Mangalore | |

ESSAY CONTEST

On the occasion of National Science Day 2022, KSCST is organising "Essay Contest".

Theme: **Integrated Approach in S&T for Sustainable Future**

- Essay should be about theme
- Essay can be written either in Kannada or English
- Essay should be of maximum 500 words
- Essay will be subjected to plagiarism check
- Essay can be submitted under 2 categories:
 - ❖ High school students (Class 8, 9 & 10)
 - ❖ High school Teachers
- Only MS word format is acceptable
- Essay submission format
 - Title (Name should not be same as theme)
 - Introduction
 - Body of the essay
 - Conclusion
- Best essay will be awarded with cash prize, e-certificate on 28 February 2022 and will be published

| For Students | |
|-------------------|-----------|
| First Prize | Rs.3,000 |
| Second Prize | Rs. 2,500 |
| Third Prize | Rs. 2,000 |
| Consolation Prize | Rs. 1,000 |

| For Teachers | |
|-------------------|-----------|
| First Prize | Rs.5,000 |
| Second Prize | Rs. 4,000 |
| Third Prize | Rs. 3,000 |
| Consolation Prize | Rs. 2,500 |

Submit the essay:
<https://forms.gle/VfwMYmhxt1TiXJ976>

Submit essay before 2 Feb 2022 5.00 pm

For any queries contact
Mrs. Anjani (8722262281) & Mrs. Priyanka (8105747283)

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Karnataka State Council for Science and Technology

Poster circulated among students

V. Celebrations of National Science Day 2021 at different locations

In collaboration with science centres, NSD 2022 was celebrated throughout the state.

VI. Celebration of National Science Day 2022 in 31 Government High Schools of backward talukas of Karnataka

KSCST celebrated National Science Day 2022 in thirty-one residential schools (MDRS (Moorarji Desai Residential School), ABVRS (Atal Bihari Vajpayee Residential School) and KRCRS (Kittur Rani Chennamma Residential School)) schools of Karnataka Residential Educational Institution Society. The quiz, essay, model exhibition, technical talks were conducted on the occasion.

| SL NO | DIST_NM | SCHOOL NAME |
|-------|------------------|-----------------------------------|
| 1 | BAGALKOTE | MDRS, BAGALKOTE |
| 2 | VIJAYANAGARA | MDRS, KANDAGALLU |
| 3 | BELAGAVI | MDRS, NAGANUR |
| 4 | BENGALURU RURAL | KRCRS, KONDRAHALLI |
| 5 | BENGALURU URBAN | KRCRS, TELAGARAHALLI |
| 6 | BIDAR | MDRS, SANTHAPUR |
| 7 | CHAMARAJANAGARA | MDRS, HARADANAHALLI |
| 8 | CHIKKAMAGALURU | MDRS, JODIHOCHIHALLI |
| 9 | CHITRADURGA | KRCRS, NEERAGUNDA HOSADURGA |
| 10 | DAKSHINA KANNADA | MDRS, KALLUBETTU |
| 11 | DAVANAGERE | MDRS, VADERAHALLI |
| 12 | DHARWAD | KRCRS, BETADUR |
| 13 | GADAG | MDRS, ODEYARA MALLAPURA |
| 14 | HASSAN | MDRS, MARASU HOSAHALLI |
| 15 | HAVERI | KRCRS, HIREKERUR |
| 16 | KALABURAGI | MDRS, BELAMAGI (KALABURAGI RURAL) |
| 17 | KODAGU | ABVRS, MADIKERI (BHAGAMANDALA) |
| 18 | KOLAR | MDRS, MADANAHALLI CROSS |
| 19 | KOPPAL | MDRS, KATAPURA |
| 20 | MANDYA | KRCRS, K.R.PETE |
| 21 | MYSURU | MDRS, MAHILA VIDYA PETA |
| 22 | RAMANAGARA | MDRS, MULLAHALLI |
| 23 | SHIVAMOGGA | MDRS, HANCHINA SIDDAPURA |

| | | |
|----|-----------------|--------------------------------|
| 24 | TUMAKURU | MDRS, TURUVEKERE(GUDDENAHALLI) |
| 25 | UDUPI | MDRS, KOTESHWARA |
| 26 | UTTARA KANNADA | MDRS, MURURDESHWARA |
| 27 | VIJAYAPURA | MDRS, LACHYANA |
| 28 | CHIKKABALLAPURA | KRCRS ,K.RAGUTTAHALLY |
| 29 | RAICHUR | MDRS, GABBUR |
| 30 | YADGIRI | MDRS, MOTANAHALLI |
| 31 | BALLARI | MDRS, CHORNURU |

VII. Science workshop for high school teachers of Karnataka

In collaboration with science centre's organised training workshop for high school teachers in Karwar and Davangere on science syllabus.



VIII. IAPT National Student Symposium on Physics 2021

In collaboration with Indian Academy Degree College - Autonomous Bebgaluru organised 8th IAPT National Student Symposium on Physics 2021 from 12th to 14th November 2021.



IX. Celebration of National Science Day 2022 at KSCST

KSCST celebrated NSD 2022 offline and online platform on 28 February 2022. The honourable minister Dr. C. N. Ashwath Narayan, Minister for Higher Education and Science and Technology, made the announcement of naming the satellite design and launching project after Puneeth Rajkumar. He presided over a function held at the government pre-university college at 18th cross Malleswaram in Bengaluru on National Science Day. The winners of various competitions were announced during the function.

