



NATIONAL SCIENCE DAY

CELEBRATIONS



“WOMEN IN SCIENCE”

28th February, 2020

**U R Rao Satellite Centre
Department of Space, Government of India
Old Airport Road, Vimanapura P.O.,
Bengaluru - 560 017**

Sir C V Raman

Sir Chandrasekhara Venkata Raman, born in Tiruchirappalli in Tamil Nadu on 7th November 1888, was a renowned Indian physicist, who was awarded the Nobel Prize for Physics in 1930 for his ground-breaking work in Physics. His father Chandrasekara Iyer, was a lecturer in Mathematics and Physics. His mother was Parvati Ammal. Raman had a good and congenial environment from childhood to pursue intellectual activities. He passed his matriculation at the age of 11 and graduated from the Presidency College, Chennai with gold medals in Physics and English. He also passed the I.C.S. examination with flying colors.

In 1907, while still in his teens, he was posted as Assistant Accountant General in Calcutta. However, he pursued his research in physics at the Indian Association for the Cultivation of Science (IACS). He studied the diffraction of light and his thesis on the subject was published in 1906. In 1907, he completed his Master's degree in Physics, at the age of 19. Raman was awarded the Doctorate degree in 1921 by Kolkata University. He studied the physics of musical instruments like violin, mridangam and tabla. In 1924, he became a Fellow of the Royal Society. In 1925, he went to Russia to receive an honor from the Russian Academy of Sciences. In 1926, he launched the Indian Journal of Physics.



Once during his return from Europe, Raman was amazed by the blue color of the sea. He did some experiments and during this voyage, Raman sent two papers to the journal Nature stating that the color of the sea was due to light scattering by the water molecules - a phenomenon he called molecular diffraction. Raman showed that the blue color of the sea is due to molecular scattering and not due to reflection of the color of the sky. Back home in India, Raman and his students studied the frequency shift of scattered light. The real discovery of the "Raman Effect" took place on the 28th of February 1928 when he pointed a direct vision spectroscope on the scattered track and observed that the scattered light contained not only the incident color but at least one other which was a clear demonstration of change in wavelength due to scattering. His research on "Raman Effect" was awarded the Nobel Prize by the Swedish Academy of Sciences in 1930. The Government of India honored him with Bharat Ratna award in 1954. He was also awarded Lenin Peace Prize in 1958. He believed that his life was reserved for science.



Sir CV Raman Explaining Raman Effect

Bhanumathy Y R,
Chairperson,
Organizing committee, NSD-2020,
U R Rao Satellite Centre,
Bengaluru – 560017

Phone: 080 – 25082735/2663
Fax : 080 – 25082736
Email : nsd@ursc.gov.in

Feb 1 , 2020

Sub: Celebration of National Science Day (NSD)-2020 at U R Rao Satellite Centre

Dear Madam / Sir,

'National Science Day' is celebrated all over India on 28th of February every year to instill inquisitiveness and scientific temper in the young minds. This day is celebrated in commemoration of the discovery of "Raman Effect" by Noble laureate Sir C.V. Raman in the year 1928.

U.R. Rao Satellite Centre (URSC), formerly known as ISRO Satellite Centre (ISAC), keeping to the tradition of celebrating science annually, is organizing several events related to topics in general science for school students and teachers. The theme for this year's National Science Day as declared by Department of Science & Technology, Government of India is '**Women in Science**'.

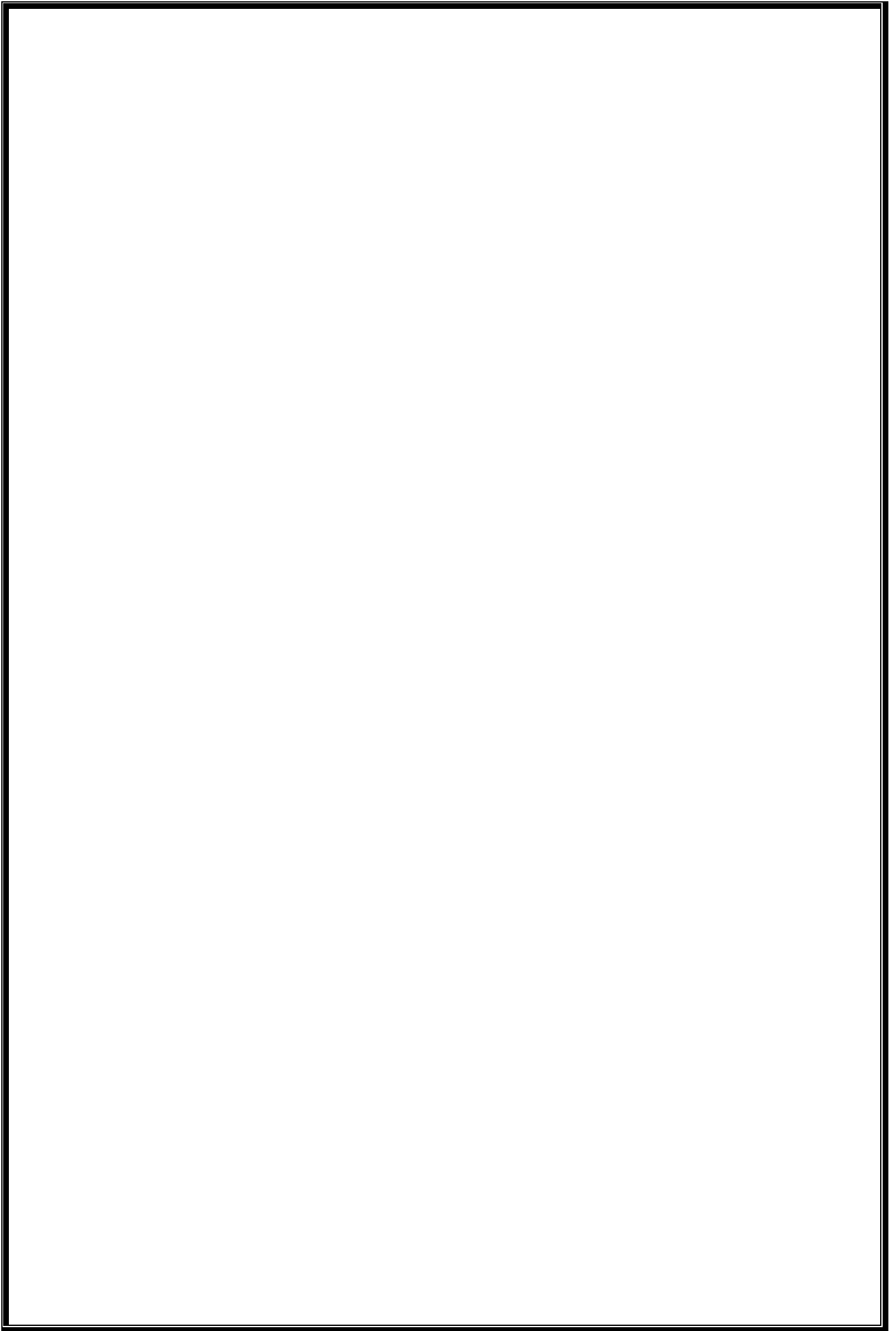
I take this opportunity to invite students and teachers from your school to take part in various events on the 15th, 22nd and 28th of February, 2020 and join us for the Valedictory function on the 28th February, 2020. Kindly refer the brochure for details and send the nominations for participation in the events to reach us on or before 13th February 2020.

On behalf of the Organizing Committee, it gives me immense pleasure to once again extend a warm welcome to students and teachers from your esteemed institution to participate in the National Science Day programme at URSC.

With best regards



(Bhanumathy Y R)



INVITATION

National Science Day

February 28, 2020 (Friday)

Inaugural Programme

Inauguration of

“National Science Day Celebrations”

Time: 9:30 AM

Valedictory Function

Time: 2:00 PM to 4:00 PM

**U.R. Rao Satellite Centre
Department of Space, Govt. of India
Old Airport Road, Vimanapura
Bengaluru – 560 017**

National Science Day 2020

Program Highlights

February 15, 2020 (9:30 AM to 3:30 PM)

Events:

- Test of Scientific Temper
- Spot painting
- Essay Writing

February 22, 2020 (9:30 AM to 3:30 PM)

Events:

- Teachers' Event: Presentation
- Science in Me
- Extempore Science Elocution

February 28, 2020

Morning Session (9:30 AM to 12:30 PM)

Events:

- Science Quiz
- Science in Action : Science Experiments/Demonstration

Science Exhibition

Afternoon Session (2:00 PM to 4:00 PM)

Valedictory function

Event #1

Test of Scientific Temper (*How & Why of Things*)

Maximum of **three students** per school from **Category-C**: VIII to X Std.

Date : 15-02-2020 (Saturday)

Time : 9.30 AM to 12.30 PM

(Please report at URSC Reception by 9:00 AM)

Venue : Satish Dhawan Auditorium, 1st Floor, Main Building, URSC

Description:

This competition is mainly to test the reasoning ability of students to happenings related to normal day-to-day activities and observations of things around them. Some of those inquisitive questions could be as follows:

- Why do we see only one face of the moon always?
- Why tear comes out of eyes when we cry?
- Why sea water is salty?

The students are expected to answer based on scientific principles/concepts. The event **Test of Scientific Temper** tries to explore scientific awareness among student community. This test will be for 90 minutes duration.

Note:

1. This is an **individual** event.
2. Medium of test will be English.
3. Answer sheets will be supplied. Students are required to bring their own pens/pencils and writing pads.
4. Answers need to be brief and focused.
5. While evaluating answer, emphasis will be given for the understanding of basic scientific principles.

Contact person for clarifications, if any:

Convener : Manohar J.A

Phone : 25083523/9620347707

E-mail : jam@ursc.gov.in
nsd@ursc.gov.in

Event # 2

Essay Writing Competition — Hindi / Kannada / English

Maximum of **Two students** per category per school as mentioned below:

Category-B: V to VII Std.,

Category-C: VIII to X Std.

Date : 15-02-2020 (Saturday)

Time : 1:30 PM to 3:30 PM

(Please report at URSC Reception by 12:30 PM)

Venue : Satish Dhawan Auditorium, 1st Floor, Main Building, URSC

Language	Topic for Category B (V to VII Std)	Topic for Category C (VIII to X Std)
English	‘Science in Everyday Life’	‘Science and Society’
Hindi	दैनिक जीवन में विज्ञान	समाज और विज्ञान
Kannada	ದೈನಂದಿನ ಜೀವನದಲ್ಲಿ ವಿಜ್ಞಾನ	ವಿಜ್ಞಾನ ಹಾಗೂ ಸಾಮಾಜಿಕ ಜೀವನ

Description :

This event aims at assessing the writing skills as well as testing their understanding of the subject. It is an individual event. Students are expected to write on the given topic in one of the languages: **Hindi, Kannanda or English**. Best essay will be selected for the award of prizes based on the content, coherence and presentation styles. **Importance will be given for the novelty of the ideas presented.**

Note: Students must not bring any reference materials/books

1. Length of essay to be restricted to about 3 to 4 A4 size sheets.
2. Sheets will be supplied. Students should bring pens / pencils and writing pads.

A special prize instituted by Dr. K. Kasturirangan, former Chairman, ISRO will be awarded to the best essay selected from each category.

Contact Person for clarifications, if any:

Convener : Dr. Chandrakanta Kumar
 Phone : 25083359/3340
 E-mail : kumarchk@ursc.gov.in
 nsd@ursc.gov.in

Event # 3

Registration Form on Page 14

Spot Painting

Maximum of **TWO students** per school per category as mentioned below:

Category A : I to IV Std.

Category B : V to VII Std.

Date : 15-02-2020 (Saturday)

Time : 9:30 AM to 12:30 PM

(Please report at URSC Reception by 9.00 AM)

Venue : Parking Bay (below Main canteen), URSC

Note:

- 1) Students shall bring the necessary drawing and painting materials (Pencils, Colors, Crayons, Brushes etc)
- 2) Drawing sheet of size 450 mm x 350 mm will be supplied by the organizers.
- 3) The themes for spot painting are as follows:

Category A: 'Market scene'

Category B: 'Women in Science'

Exact topic for the event will be announced at the venue.

Contact person for clarifications, if any:

Convener : Anitha B R

Phone No : 25084460

E-mail : anitha@ursc.gov.in

nsd@ursc.gov.in

Event # 4

Teachers' Event: A presentation on “**TEACHER’S ROLE IN INSPIRING STUDENTS TO PURSUE A CAREER IN SCIENCE**”

One teacher per school

Date : 22-02-2020 (Saturday)

Time : 9:30 AM –12:30PM

(Please report at URSC Reception by 8:30 AM)

Venue : MOCC Conference Hall, 2nd Floor, Main Building, URSC

Description: People who work in science careers are responsible for many of the things we, as a society benefit from every day –ways to prevent and cure diseases, new technology, strategies to help control climate change and the like. However, many people perceive science to be something tough and negative. A lot of this is due to the books and movies that portray scientists as crazy and nerdy. Teachers can play a big role in changing this view and in showing students, that a career in science is actually an exciting one. Its all about innovation, discovery and research. Its also about improving people’s lives and developing our knowledge and understanding of people, nature, the world and our universe at large.

Note:

1. This is an individual event. Medium of presentation will be Hindi/Kannada/English
2. The slides shall be in Microsoft office Power point (PPT).
3. Presentations in ppt format can be sent to the below mentioned E-mail id by **14th Feb** with details of the candidates full name, school address & their e-mail id.
4. Majority of the audience are high school children.
5. Teachers should bring their school identity cards. In case of non-availability of school identity cards, teachers should bring a letter from the school attested by the Head of the Institution.
6. Evaluation of the abstracts, is based on innovative ideas, motivating skills and content.
7. Selected teachers will be intimated via e-mail by **17th Feb 2020**.
8. **Duration:** for Presentation – 10 minutes, Q&A – 2 minutes
9. Selected teachers have to prepare presentations in maximum 10 slides & send on or before **20th Feb 2020**.
10. Presentation skills, content, time management and impact on students will be the main selection criteria for final selection/prize.

Contact persons for clarifications, if any:

Convener : Lalitha Abraham M A / Darukesha B H M
Phone : 9740008587 / 9901063620
E-mail : lalita@ursc.gov.in / daru@ursc.gov.in
nsd@ursc.gov.in

Event # 5 Science in Me

One student per category per school as mentioned below:

Category-B: V to VII Std., **Category-C:** VIII to X Std.,

Date : 22-02-2020 (Saturday)

Time : 09:30 PM - 12:30 NOON

(Please report at URSC Reception by 08:30 AM)

Venue : KV NAL Ground (tentative venue)

Description:

This is a display event, to test the understanding of basic principles in Science. In this event, some Science experiments will be demonstrated and the students are asked to write answers to a small quiz based on the experiments.

Note:

- The medium of instructions will be only in English.
- Maximum 40 students in each category

More than the text book principle, weightage will be given to the student's understanding of the concept.

Contact person for clarifications, if any:

Convener : Dr Kuldeep Negi

Phone : 080-25084409

E-mail : kuldeep@ursc.gov.in,

Event #6

Extempore Science Elocution

One student per category per school as mentioned below:

Category-B: V to VII Std.,

Category-C: VIII to X Std.

Date : 22-02-2020 (Saturday)

Time : 9:30 AM to 12:00 PM **Category B**

1:30 PM to 4:00 PM **Category C**

(Please report at URSC Reception by 9:00 AM)

Venue : Satish Dhawan Auditorium, 1st Floor, Main Building, URSC

Description:

This event aims at improving students' oratory skills as well as testing their knowledge about general science. It is an individual event. Students are expected to speak for 3 (three) minutes on a topic picked 10 minutes earlier. All topics will be related to textbook science and well-known scientists. Best talk will be selected for the award of prizes based on the content, coherence and oratory skill.

Note:

1. Students must not bring any reference materials/book.
2. Students must not use any presentation material while presenting their topic. This event is entirely oratorical in nature.

Contact Person for clarifications, if any:

Convener : Netra S Pillai

Phone : 6145 6244

E-mail : netra@ursc.gov.in

nsd@ursc.gov.in

Event # 7 Science Quiz

Compulsory **Three students** per team and **One Team** per school from **Category-C**: VIII to X Std.

Date : 28-02-2020 (Friday)

Time : 9:30 AM to 12:30 NOON

(Please report at URSC Reception by 9:00 AM)

Venue : Satish Dhawan Auditorium, 1st Floor, Main Building, URSC

Note:

The quiz will be conducted in two phases. The first phase will be the preliminary round. This will be in the form of a written test. The top six teams of the preliminary round will be short listed for the final round. The final round will be in the oral quiz form. The topics covered will be from various facets of science.

Contact person for clarifications, if any:

Convener : Ashwin G S

Phone : 9591157612

E-mail : ashwin@ursc.gov.in
nsd@ursc.gov.in

Event # 8

Science in Action

Date : 28-02-2020 (Friday)
Time : 09:30 AM to 12:30 NOON
Venue : Main Building, URSC

Note:

'Science in Action' is a display and demonstration of scientific experiments for the participants. The event is planned to be an exhibition of science and its applications, and is not a competition for students. All the participants of NSD are welcome to view the science experiments.

Contact person for clarifications, if any:

Convener : Radhakrishna V
Phone : 080-6145 6252
E-mail : rkrish@ursc.gov.in
nsd@ursc.gov.in

General Instructions

1. All students and teachers coming to URSC must display their school Identity Card. In case of non-availability of school identity cards, students should bring a letter from the school attested by the head of the institution.
2. All students participating in the competitions will be given "Participation Certificate".
3. Names of prize winners will be announced and all prizes will be distributed during the NSD valedictory function on **28th February, 2020**.
4. The school scoring maximum points (judged by the prizes won by the students of the school) will get **the overall championship shield/cup** which will be given during the NSD valedictory function. The coordinating teacher can also accompany the students while receiving the championship shield / cup.
5. **Lunch will be served to the participating students / teachers on 15th, 22nd and 28th of Feb 2020.**
6. The registrations for all the events should be sent in the prescribed format to reach us on or before February 13, 2020 by post or email or fax or online (**refer page 18**) or via the webportal with the address given below.
<https://www.ursc.gov.in/science-promotion/nsd-2020/>
If sent by e-mail or fax or online, the original form should be brought on the day of the event.
7. **Mobile phones, CDs, pendrives, cameras, bags or any other electronic items** are not permitted inside the campus as per rules. Participants / visitors are requested not to bring any such item. In case such items are brought, own arrangements need to be made for safe keeping of the same outside the campus.
8. URSC Transport services can be availed after the completion of the program on **15th, 22nd and 28th of February 2020**. Route pattern is enclosed.
9. Schools may contact any of the following organizing committee members for any clarification between 9.00 AM – 4.30 PM

Name	Contact No.
Bhanumathy Y R	080-25082735
Bindagi S V	080-61458102
Chandrakanta Kumar	080-25083359
Radhakrishna V	080-23026202/61456202
Dinakaran E	080-25082327
Vijai Senthil S	080-23027334/7339
Anitha B R	080-25084460
KuldeepNegi	080-25084409
Anuradha G Acharya	080-25082145
Ramanathan R	080-25084188
Head Transport	080-25082073
Vijayanand S, SPSO	080-25084028/4371
Suresh M Hebbali, AO (PRO)	080-25084383
Velu T	080-25084221
Ramnath S P	080-25082520
Srikar PavanTadepalli	080-23026224

Note: All correspondence should be made to the email id provided for the respective events or to nsd@ursc.gov.in or visit <https://www.ursc.gov.in/science-promotion/nsd-2020/>

Help Desk (On the competition days only):

Name	Contact No.
Mr. Suresh Hebbali	080 2508 4468 / 4383
Mr. Livin Kumar	080 2508 4469 / 4470

**URSC BUS ROUTE DETAILS FOR DROP ONLY AFTER THE EVENTS ON
15-02-2020 and 22-02-2020 (DEPARTURE AT 4 PM)**

Route No. 1:

URSC, Domlur Quarters, Madiwala Mosque , BTM Layout Water Tank, East End Circle, JP Nagar 6th Phase, Vikram Nagar(BTS Stop), RRSSC, Padmanabhanagar circle, BSK Shopping Complex, Bata, BSK BTS Stop..

Route No. 2:

URSC, Football Stadium, Baldwin Girls' School, Kittur Rani Chennamma circle, Sangam theatre (Drop only), Platform Road church (pick up only), Central theatre, RMS (pickup only), Malleswaram Circle, Nagappa Park, Mariyappanpalya, Navarang theatre, 76 BTS Stop, Modi Hospital, 96 BTS Stop, Water tank, Basaveswaranagar, National school, Toll Gate circle, Vijayanagar BTS Stop, RPC Quarters, Attiguppe..

Route No. 3:

URSC, Sainik Welfare Centre, Guttahalli bus stop, (opp to Tata Motors) Bashyam circle, Astra IDL, IISc (KV Corner), Deevanrapalya, Mathikere Foto Flash, Yeshwanthpur circle, Jalahally Quarters, Kammagondanahally, Attappa temple, Jalahalli cross. (Dasarahalli & Chikkabanavara) Saturday only.

Route No. 4:

URSC, Indiranagar Newland Quarters, Indiranagar Old land quarters, Isolation Hospital, Tin Factory, ITI colony Gate, Ramamurthy Nagar, Deewan Nursing Home, Kuvempu circle, Banaswadi police station, Speech & Hearing, St. Charles High School, Venkateshpuram P.O, Nagavara,

Route No. 5:

URSC, Viveknagar, KK Mantapa, Audugodi, Lakkasandra, Wilson Garden 10th cross, Asoka Pillar, Madhavan Park, Jayanagar 4th Block (BTS Stop), 38th Cr Jayanagar, Nanda Theatre, Bharathi Nursing Home, Nagasandra circle, NR Colony, Netkalappa circle, RK Square, Ward Office, Vidyapeeta Circle, Ganapathi clinic, Subramanya Temple, Ganesh Bhavan, Uma Theatre, Hotel Prabha, BB Builders, AMCO Batteries.

Route No. 6:

URSC, BTS 6th Depot, Timber Depot, Sindhi Colony, Cox Town Circle, Asoka theatre, Cant Rly Stn (Front side), Munireddypalya police station, CIL, RT Nagar Post Office, CBI, Gangenahalli, Sanjaynagar, NGEF Layout, Chowdeswari Temple, BEL Circle, BEL-SBI, Nagaland Circle, NTI Colony, (Water tank) Akash Vihar Layout.

No Deviation in the routes / stops permitted

**URSC BUS ROUTE DETAILS FOR DROP AFTER THE EVENTS ON
28-02-2020 (DEPARTURE AT 5:05 PM)**

Route Nos.	URSC–Dropping Points
1	URSC, Peenya, Jalahalli Cross, Dasarahalli, NH Junction, Widia School, Malleswaram, Chikkabanavara (Gangamma Temple), Soladevanahalli, Huralichikkanahalli, Silvepura.
2	URSC, Esteem Mall, (SBI), Yelahanka New Town, Akash Vihar Layout, Gantagaanahalli.
3	URSC, RT Nagar Post office Sanjay nagar, Via BEL Circl, Nagaland Circle, SBI, Kommagondahalli Bridge, Shettyhally.
4	URSC, Malleswaram 18 th Cross [Chai Point], IISc KV Corner, Deevanarapalya, Mathikere Bus stop, Muthyalanagara, Jalahalli police station, Jalahalli Quarters.
5	URSC,, Nagappa Block, Subramanya Nagar 10 th Main 10 th Cross (Vinayaka Dental Clinic), Mahalakshmi layout (Corporation Bank), Pavitra Paradise.
6	URSC, Uma theatre, Hotel Prabha, New Gudadahalli, Amco Batteries, RPC Quarters, Maruti Mandir, New Horizon School, Sonnenahally, BDA Park Visveswaraya Layout, Shirke Apartments.
7	URSC, Ragigudda Temple, Nagalakshmi Kalyana Mantapa, DG Petrol Bunk, Rajarajeswari Temple.
8	URSC, New Land Quarters, Indira nagar BTS Depot, Shobha Stores, Nagavara, St. Michael's High School (geddalahally).

No Deviation in the routes / stops permitted

Registration form for NSD-2020 (To reach on or before February 13, 2020)

Event-1: **Test of Scientific Temper**
Convener: **Mr Manohar J A**

Venue: Satish Dhawan Auditorium, URSC
Date : **February 15, 2020**

USE CAPITAL LETTERS ONLY

Category C: VIII to X Std (Max. Three students)

S.No.	Name of Student	M/F	Std
1.			
2.			
3.			

Name and Address of the school:

Principal's Signature & Seal

School Phone:

Email :

Registration form for NSD-2020 (To reach on or before February 13, 2020)

Event-2: **Essay Writing**
Convener: **Dr. Chandrakanta Kumar**

Venue: Satish Dhawan Auditorium, URSC
Date : **February 15, 2020**

USE CAPITAL LETTERS ONLY

Category B : V to VII Std

Category C : VIII to X Std

S.No.	Name of Student		M/F	Std	S.No.	Name of Student		M/F	Std
1.		Eng			1.		Eng		
2.		Eng			2.		Eng		
3.		Kan			3.		Kan		
4.		Kan			4.		Kan		
5.		Hin			5.		Hin		
6.		Hin			6.		Hin		

Name and Address of the school:

Principal's Signature & Seal

School Phone:

Email :

Registration form for NSD-2020 (To reach on or before February 13, 2020)

Event-3: **Spot Painting**
Convener: **Bhanu Bhasin/Anitha B R**

Venue: Parking Bay, URSC
Date: **February 15, 2020**

USE CAPITAL LETTERS ONLY

Category A : I to IV Std				Category B : V to VII Std			
S.No.	Name of Student	M/F	Std	S.No.	Name of Student	M/F	Std
1.				1.			
2.				2.			

Name and Address of the school:

Principal's Signature & Seal

School Phone:

Email :

Registration form for NSD-2020 (To reach on or before February 13, 2020)

Event-4: **Teachers' Event**
Convener: **Lalitha Abraham M A**

Venue: MOCC Conference Hall, URSC
Date : **February 22, 2020**

USE CAPITAL LETTERS ONLY

Max. One Teacher Per School

S.No.	Name	M/F
1.		

Name and Address of the school:

Principal's Signature & Seal

School Phone:

Email :

Registration form for NSD-2020(To reach on or before February 13, 2020)

Event-5: **Science in Me**

Venue: KV NAL Ground

Convener: **Dr Kuldeep Negi**

Date : **February 22, 2020**

USE CAPITAL LETTERS ONLY

Category B : V to VII Std				Category C : VIII to X Std			
S.No.	Name of Student	M/F	Std	S.No.	Name of Student	M/F	Std
1.				1.			

Name and Address of the school:

Principal's Signature & Seal

School Phone:

Email :

Registration form for NSD-2020 (To reach on or before February 13, 2020)

Event-6: **Extempore Science Elocution**

Venue: Satish Dhawan Auditorium, URSC

Convener: : **Netra S Pillai**

Date : **February 22, 2020**

USE CAPITAL LETTERS ONLY

Category B : V to VII Std				Category C : VIII to X Std			
S.No.	Name of Student	M/F	Std	S.No.	Name of Student	M/F	Std
1.				1.			

Name and Address of the school:

Principal's Signature & Seal

School Phone:

Email :

Registration form for NSD-2020 (To reach on or before February 13, 2020)

Event-7: **Science Quiz**
Convener: **Ashwin**

Venue: Satish Dhawan Auditorium, URSC
Date: **February 28, 2020**

USE CAPITAL LETTERS ONLY

Category C : VIII to X Std (One team of compulsory 3 students)

S.No.	Name of Student	M/F	Std
1.			
2.			
3.			

Name and Address of the school:

Principal's Signature & Seal

School Phone:

Email :

Details of Students participating in NSD-2020 (To be sent along with Registration Forms)**Consolidated List**

Contact: Srikar PawanTadepalli
e-mail: nsd@ursc.gov.in

Venue : URSC
Date: 15-02-2020; 22-02-2020 & 28-02-2020

15-02-2020

Number of Students participating in competitions	
Number of Teachers accompanying students	

22-02-2020

Number of Students participating in competitions	
Number of Teachers participating in competitions	
Number of Teachers accompanying students	

28-02-2020

Number of Students participating in competitions	
Number of Students visiting exhibition (total number of max 20 per school)	
Number of Teachers accompanying students	

Name and Address of the school:

Principal's Signature & Seal

School Phone:	Email :
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IMPORTANT NOTE

The registrations for all the events should be sent in the prescribed format to reach us on or before February 13, 2020 by post or email or fax or online via the webportal with the address given below. If sent by e-mail or fax or online, the original form should be brought on the day of the event.

Website - <https://www.ursc.gov.in/science-promotion/nsd-2020/>

Postal Address:

Srikar PavanTadepalli
Member Secretary, NSD-2020 Organizing committee
Spacecraft Reliability & Quality Area
U R Rao Satellite Centre,
Old Airport Road, Vimanapura Post,
Bengaluru-560 017

Tel : 080 – 25084280/2735 or 080-61456224

Fax : 080 – 08025082736

Email : nsd@ursc.gov.in

LOCATION

U.R. Rao Satellite Centre (URSC) is located on HAL Airport Road next to National Aerospace Laboratories (NAL) (Close to Hotel Leela Palace / Manipal Hospital).

It may please be noted that the main entry into the campus is from HAL Airport Road. An additional rear entry from Kendriya Vidyalaya, NAL Campus, Jeevan Bhima Nagar also exists.

BUS ROUTES

Buses From	Bus / Route Numbers	Alighting Point
Majestic / Kempe Gowda Bus Stand	All buses going towards HAL / Marathahalli / Whitefield (335/333 Series)	Murugesh Palya
	138, 138A	Jeevan Bhima Nagar
K R Market (City Market)	All buses going towards HAL / Marathahalli / Whitefield	Murugesh Palya
Shivaji Nagar	330 & 331 Series	Murugesh Palya
	139	Jeevan Bhima Nagar

Reporting Time

As the security formalities (which take some time) need to be duly observed, the visitors are advised to report at URSC Reception sufficiently in advance on 15-02-2020, 22-02-2020 and 28-02-2020 for competitions /events as suggested. This will ensure that there will be no delay in participation in various events.

