



# INDIA INTERNATIONAL SCIENCE FESTIVAL

## 2019 Kolkata

### 05-08 NOVEMBER 2019

# NATIONAL SCIENCE TEACHERS' CONGRESS (NSTC)

## SCIENCE EDUCATION IS A MAJOR TOOL FOR OVERALL DEVELOPMENT OF SOCIETY

### 07-08 NOVEMBER 2019

VENUE:  
BISWA BANGLA CONVENTION CENTRE  
HALL NUMBER 6



MINISTRY OF SCIENCE AND TECHNOLOGY  
MINISTRY OF EARTH SCIENCES  
MINISTRY OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF INDIA



VIGYAN  
PRASAR

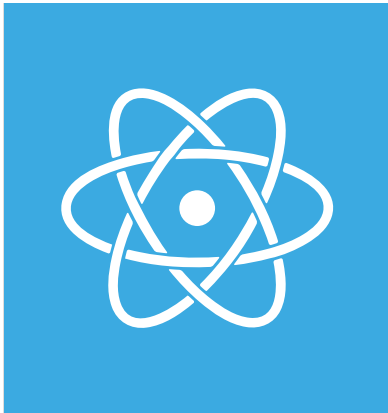


# OBJECTIVES

- ✓ To provide the platform to discuss various issues on “Science Education in India”
- ✓ Plenary talks by eminent and award-winning teachers
- ✓ Discussion on the pedagogy of science teaching and learning
- ✓ Discussion on the importance of teachers’ training and capacity building programme
- ✓ To showcase novel and innovative practices in science teaching
- ✓ Special session on “New Education Policy and Science Education”
- ✓ Special session on “Student’s Psychology in Learning of Science Concepts”
- ✓ Discussion on the opportunities and challenges in science teaching and learning
- ✓ Role of teachers in developing scientific temper



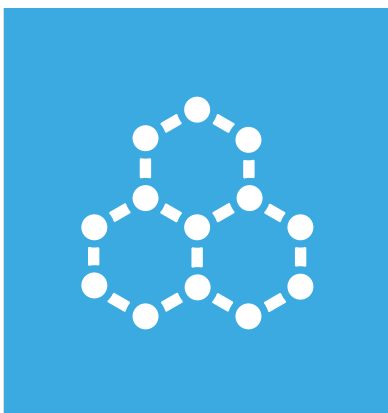
# SALIENT FEATURES



- > Participating teachers will be from **primary, secondary and higher secondary schools** as well as from universities and affiliated science and engineering colleges.
- > **Panel discussions for various categories of teachers.**



- > Demonstrations of activity-based science teaching.
- > Plenary lectures by eminent speakers from reputed Education Institutions.



- > Comprehensive report on the outcome of NSTC.
- > Recommendations to the Science Policy Makers.

# WHO CAN PARTICIPATE?

## HOW WILL WE SELECT THEM?



50 teachers from primary schools. These teachers' will be from government established schools. Vijnana Bharati/VIPNET Science Clubs identify by Vigyan Prasar. (ONLY BY NOMINATION)



200 teachers' from secondary and higher secondary schools. These teachers will be by nomination by Vijnana Bharati state units/Vigyan Prasar's VIPNET Science Clubs/schools nominated by CBSE/NCERT.



150 teachers' from engineering colleges or universities nominated by Vijnana Bharati state units ORO AICTE. (ONLY BY NOMINATION)

## DELIBERATIONS IN THE NSTC

- > Plenary talk on “Current Challenges in Education Sector in India: The Continuing Relevance of Swami Vivekananda and Sarvepalli Radhakrishnan”.
- > Plenary talk on "contribution of Indian scientists to modern science and technology"
- > Panel Discussion on the “National Education Policy”.
- > Panel Discussion on “Role of Science Teachers’ in developing Scientific Temper”

# EXPECTED OUTCOME

- > Participants will be trained to think with scientifically, derive conclusions logically from the observations and plan experiments to build their innovative ideas.
- > The exposure to the hands-on presentation/demonstration to enlighten on new teaching methodology/Pedagogy for 21 century generation.
- > Educators and scientists to ensure that every teacher is provided with unforgettable learning experience.
- > National Science Teachers' Congress is aimed to bring the best universal change in the minds of our next generation



# PROGRAMME SCHEDULE

## Day -1 (07 November 2019)

<b>07:30 am to 08:30 am</b>	<b>Breakfast at site</b>
<b>08:30 am to 09:00 am</b>	<b>Travel to venue</b>
<b>09:00 am to 10:00 am</b>	<b>Registration</b>
<b>10:00 am to 11:00 am</b>	<b>Inauguration</b>
<b>11:00 am to 11:15 am</b>	<b>Tea Break</b>
<b>11:15 am to 12:00 noon</b>	<b>Ice Breaking (Introduction)</b>
<b>12:00 noon to 01:00 pm</b>	<b>Plenary Talk-1</b>
<b>01:00 pm to 02:15 pm</b>	<b>Lunch</b>
<b>02:15 pm to 04:00 pm</b>	<b>Panel Discussion-1</b>
<b>04:00 pm to 04:15 pm</b>	<b>Tea Break</b>
<b>04:15 pm to 06:00 pm</b>	<b>Demonstration-1</b>
<b>06:00 pm to 07:30 pm</b>	<b>Cultural Evening</b>
<b>07:30 pm to 09:00 pm</b>	<b>Dinner</b>

## Day -2 (08 November 2019)

<b>07:30 am to 08:30 am</b>	<b>Breakfast at site</b>
<b>08:30 am to 09:00 am</b>	<b>Travel Time to venue</b>
<b>09:00 am to 09:30 am</b>	<b>Open discussion</b>
<b>09:30 am to 11:00 am</b>	<b>Plenary Talk-2</b>
<b>11:00 am to 11:15 am</b>	<b>Tea Break</b>
<b>11:15 am to 12:15 pm</b>	<b>Demonstration-2</b>
<b>12:15 pm to 01:00 pm</b>	<b>Panel Discssion-2</b>

## COORDINATED BY



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