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
Introduction

Teachers’ who inculcate the moral values and discipline leading young generation on the path of wisdom plays a vital role in nation building. A teacher serves as the facilitator and helps in guiding the future generations. Teachers are widely loved and respected for their selfless service, idealism & patience. They not only share knowledge but also guide the students to use the knowledge and wisdom ethically for the betterment of society.

National Science Teachers’ Congress (NSTC) aims to bring together hundreds of innovative, dedicated and passionate science teachers from all corners of India on a single platform. The participants will share their experiences related to teaching methodologies and innovations in activity-based teaching and learning. The NSTC will also include the panel discussions on various aspects of teaching-learning practices as well as the effective tools for comprehensive and continuous learning of science. It will also focus on ‘Science, Technology, Engineering and Mathematics’ (STEM), inter-linkage and policies to make education an effective tool for nation building. It will also bring out the report based on the dissertations and deliberations conducted. The participating delegates will range from primary school teachers to university and engineering colleges.
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?

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 OR AICTE. (ONLY BY NOMINATION)

HOW WILL WE SELECT THEM?

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”
Participants will be trained to think 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.
## Day -1 (07 November 2019)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>07:30 am to 08:30 am</td>
<td>Breakfast at site</td>
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<tr>
<td>08:30 am to 09:00 am</td>
<td>Travel to venue</td>
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<tr>
<td>09:00 am to 10:00 am</td>
<td>Registration</td>
</tr>
<tr>
<td>10:00 am to 11:00 am</td>
<td>Inauguration</td>
</tr>
<tr>
<td>11:00 am to 11:15 am</td>
<td>Tea Break</td>
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<tr>
<td>11:15 am to 12:00 noon</td>
<td>Ice Breaking (Introduction)</td>
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<tr>
<td>12:00 noon to 01:00 pm</td>
<td>Plenary Talk-1</td>
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<tr>
<td>01:00 pm to 02:15 pm</td>
<td>Lunch</td>
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<tr>
<td>02:15 pm to 04:00 pm</td>
<td>Panel Discussion-1</td>
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<tr>
<td>04:00 pm to 04:15 pm</td>
<td>Tea Break</td>
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<tr>
<td>04:15 pm to 06:00 pm</td>
<td>Demonstration-1</td>
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<tr>
<td>06:00 pm to 07:30 pm</td>
<td>Cultural Evening</td>
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<tr>
<td>07:30 pm to 09:00 pm</td>
<td>Dinner</td>
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## Day -2 (08 November 2019)

<table>
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<tbody>
<tr>
<td>07:30 am to 08:30 am</td>
<td>Breakfast at site</td>
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<tr>
<td>08:30 am to 09:00 am</td>
<td>Travel Time to venue</td>
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<tr>
<td>09:00 am to 09:30 am</td>
<td>Open discussion</td>
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<tr>
<td>09:30 am to 11:00 am</td>
<td>Plenary Talk-2</td>
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<tr>
<td>11:00 am to 11:15 am</td>
<td>Tea Break</td>
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<tr>
<td>11:15 am to 12:15 pm</td>
<td>Demonstration-2</td>
</tr>
<tr>
<td>12:15 pm to 01:00 pm</td>
<td>Panel Discussion-2</td>
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COORDINATED BY

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