



# INDIA INTERNATIONAL SCIENCE FESTIVAL 2019

## NAV BHARAT NIRMAN

7 November 2019

Hall No. 4, Biswa Bangla  
Convention Centre, Kolkata

### Indispensable Ideas for Green, Clean and Healthy India



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



VIJNANA BHARATI



VIGYAN PRASAR

# Nav Bharat Nirman

## Building of the New India

Technology breakthroughs are essential for our development to boost up the economy and achievement of the sustainable development goals. Under “**Nav Bharat Nirman**” we are opening the manifesto to all the participants at the National level and all across the border.

## Problem Statements:

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### *Affordable Renewable and Clean Energy in Total Energy Consumption*

The aim of this program is to unite representatives, industrialists, professionals and researchers for the innovative discussion, presentation, exchanging innovative ideas and addressing current challenges and criticism about recent trends in research for clean and renewable energy solutions and green energy.

PS  
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### *Innovating Ideas for Replacing Plastic Products with Green Products*

Plastic disposal is a worldwide recognized issue and threat to environment. This program aims to find out solutions by exploring innovative ideas like recycling and replacement of plastic items and eco-friendly alternatives to the items.

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### *Strategic Nutrition: Yoga, Ancient and Ayurvedic Medicines*

In this era of modernization, traditional food intake and supplementation is challenging. The goal of this program is to find solutions of eliminating chronic diseases through Ayurveda, nutritional supplements for health and practices of Yoga.

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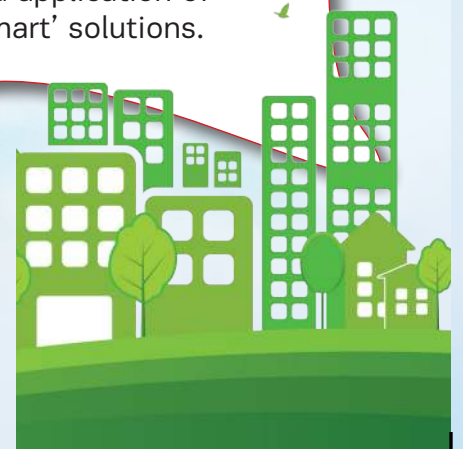
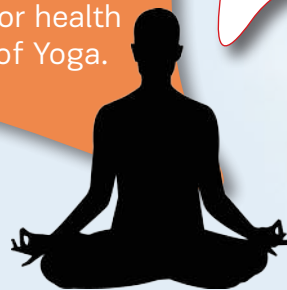
### *Technology, Innovation and Ideas for Water Resources Management*

This program aims to finding solution for considerable share of the water needs can be fulfilled through recycling of waste water, alternative sources of water through adoption of new and appropriate technologies to enhance storage of both above and below ground and rainwater harvesting.

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### *Building Self Sustainable Smart Indian Cities: Ideas and Approaches*

The objective of this program is to generate ideas and approaches that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of ‘Smart’ solutions.





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### **Climate Action Plan for Sustainable Future**

The goal of this program is to develop policies, strategies and planning for alternative renewable energies, cleaner technologies and a range of other measures that will reduce climate related hazards for sustainable future.



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### **Involvement of Young Brains in Space Research Programs**

The goal of this program is to develop interests and attitudes related to space-based research among the young minds. This will inspire the next generation by providing them opportunities to participate, explore ideas, watch and learn in space-based research program.



## Programme

10:00 AM - 11:00 AM	Inauguration
11:00 AM - 11:30 AM	Tea/Coffee
11:30 AM - 12:45 PM	Plenary Session
12:45 PM - 01:30 PM	PS 1: <i>Technology, Innovation and Ideas for Water Resources Management</i> PS 2: <i>Affordable Renewable and Clean Energy in Total Energy Consumption</i>
01:30 PM - 02:30 PM	Lunch
02:30 PM - 03:30 PM	PS 3: <i>Innovating Ideas for Replacing Plastic Products with Green Products</i> PS 4: <i>Strategic Nutrition: Yoga, Ancient and Ayurvedic Medicines</i> PS 5: <i>Building Self Sustainable Smart Indian Cities: Ideas and Approaches</i>
02:30 PM - 04:30 PM	Exhibition/Poster Participants
03:30 PM - 04:00 PM	Tea/Coffee
04:00 PM - 04:45 PM	PS 6: <i>Climate Action Plan for Sustainable Future</i> PS 7: <i>Involvement of Young Brains in Space Research Programs</i>
04:45 PM - 05:30 PM	Panel Discussions
05:30 PM - 06:30 PM	Valedictory, Award Declaration, Concluding Remarks



# Guidelines for Participants

All citizens including School Students/College Students/Researchers/ Scientists/Faculties/ Government Agencies/Non-Government Organisations are welcome to participate. Maximum two people are allowed in one group. No participant is allowed to submit more than one project. Language of Presentation/project proposal will be in English and Hindi only.

For more details, please visit [www.scienceindiafest.org](http://www.scienceindiafest.org)

## Registration

Participants need to register in [www.scienceindiafest.org](http://www.scienceindiafest.org) and upload details of their solutions (Projects) against mentioned Problem Statements in Nav Bharat Nirman section as per described norms in website. Last date for registration on portal is 20th October, 2019. Selected candidates will receive a mail confirming their selection from IISF secretariat.

## Travel Support & Accommodation

For details about travel support and accommodation, please visit [www.scienceindiafest.org](http://www.scienceindiafest.org)

### COORDINATORS



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