

**India International Science Festival (IISF) 2020**  
(Largest Science Festival in Virtual Environment)

**Science for Self-Reliant India and Global Welfare**

***Nav Bharat Nirman***

23-24 December 2020

**Coordinated by**

Department of Science & Technology  
Ministry of Science & Technology  
CSIR-NISCAIR  
CSIR-NISTADS &  
Vijnana Bharati

Nav Bharat Nirman (NBN) is a platform for innovative, dedicated, and passionate individuals and nation-building organisations to showcase their inventions and innovations for economic growth and societal transformation in an inclusive manner. NBN will also motivate ecosystem partners to provide science-centric solutions for various thematic issues and emerging challenges. Participants will get a chance to showcase the innovative methods/models and systemic approaches of science & technology intervention/application and delivery based on the thematic problem issues for the building of a new India. The programme has been designed to have an in-depth discussion in thematic areas involving subject experts from knowledge institutions/field-based developmental agencies, students and community representatives. NBN initiative intends to reach the unreached through effective alignment of Technology, Knowledge, Skills sets and Resources at local level leading to strengthen the 'Social Infrastructure' and 'Technology Driven System' pillars of the Aatmanirbhar Bharat. Interactive platform will suggest solution centric Science, Technology and Innovation (STI) interventions to address systemic gaps & pressing problems by evolving effective pathways with bottom up and people centric approach to create technology driven models/approaches at small and medium scale to revive different sectors of the economy, thus, improving livelihoods, quality of life, quality of services, and socio-economic well-being of the society at large.

**À. Plenary Sessions: Igniting Young Minds (up to 45 years of age) for Solution-centric STI Interventions**

**Problem Statements:** Each problem statement given below will be considered for plenary sessions. It will have linkages with AatmaNirbhar Bharat as well.

1. Building self-reliant SMART Villages for Inclusive Growth

2. Agriculture, Post-harvest Technology & Rural Engineering
3. Innovative Ideas for Habitat & Water Resources Management
4. Promoting Innovative Ecosystem for Affordable, Renewable and Clean Energy Solutions
5. Nature-based Solutions – Resource Efficiency & Circular Economy
6. Strategic Climate Action plan for Sustainable Future

**B. Panel Discussions: Role of STI for Aatmanirbhar Bharat: Experience sharing by Ecosystem Partners**

1. Effective pathways for application & delivery of sustainable technologies (indigenous & advanced) for livelihoods gain and economic re-growth: Hand-holding at community level
2. Fostering public-private linkages for promoting social entrepreneurship ecosystem in rural landscape directed towards indigenous & sustainable technologies – empowering the community with equity and inclusion.

**Participation**

Participants from knowledge institutions (research organisations/R&D labs/universities), S&T based voluntary organisations, scientists, engineers, farmers, grass-root innovators, social startups, IT experts, technologists in biotech and nanotech sectors, digital technologies, medical and environment fields, and other specialists including students and rural community. Best three entries in each session will be selected by Jury of Experts for award taking into consideration novelty and innovative aspects of proposed ideas/models of Science Technology & Innovation (STI) interventions to strengthen the initiatives towards Aatmanibhar Villages and Nav Bharat Nirman.

**Registration/Submission dates**

- 24 November 2020 to 20 December 2020 at IISF-2020 portal (<https://www.scienceindiafest.org/>).

**Programme at a Glance**

Day 1: 23 December 2020	
Time	Details
10:00 am to 11:00 am	Registration

11:00 am to 11:30 am	Welcome Address
11:30 am to 1:00 pm	Introductory Session: Lead talks <b>Nav Bharat Nirman — Building of the New India</b>
1:30 pm to 03:30 pm	Parallel Session 1: <b>Building Self-reliant SMART Villages for Inclusive Growth</b> Parallel Session 2: <b>Agriculture, Post-Harvest Technology &amp; Rural Engineering</b>
04:00 pm to 06:00 pm	Parallel Session 3: <b>Innovating Ideas for Habitat &amp; Water Resources Management</b> Parallel Session 4: <b>Promoting Innovative Ecosystem for Affordable Renewable and Clean Energy Solutions</b>
<b>Day 2: 24 December 2020</b>	
10:00 am to 12:00 noon	Parallel Session 5: <b>Nature-based Solutions – Resource Efficiency &amp; Circular Economy</b> Parallel Session 6: <b>Strategic Climate Action Plan for Sustainable Future</b>
12:00 am to 01:00 pm	Open discussion
02.00 pm to 03.30 pm	Panel Discussion 1: <b>Role of STI for Aatmanirbhar Bharat</b> Effective Pathways for Application & Delivery of Sustainable Technologies (Indigenous & Advanced) for livelihoods Gain and Economic Re-growth
03:30 pm to 05:00 pm	Panel Discussion 2: <b>Role of STI for Aatmanirbhar Bharat</b> Fostering Public-Private linkages for promoting Social Entrepreneurship Ecosystem
05:00 pm to 05:30 pm	Valedictory, Award Declaration, Concluding Remarks

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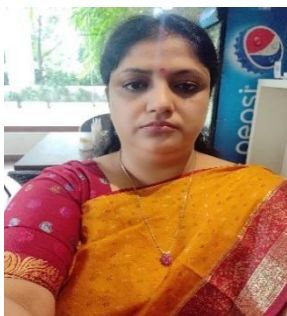
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