



INDIA INTERNATIONAL SCIENCE FESTIVAL 2020

22-25 December, 2020



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



VIJNANA BHARATI



CSIR



CSIR-NISTADS

Theme

“आत्मनिर्भरभारताय विश्वकल्याणाय च विज्ञानम्”

Science for Self-Reliant India and
Global Welfare

**आत्मनिर्भर भारत एवं विश्व कल्याण के लिए
विज्ञान**

India International Science Festival (IISF-2020) is being organized by

- * Council of Scientific & Industrial Research (CSIR) in collaboration with
 - * Department of Science and Technology (DST)
 - * Ministry of Earth Sciences (MoES)
 - * Department of Biotechnology (DBT)
 - * Indian Council of Medical Research (ICMR)
- and
- * Vijnana Bharati (VIBHA)



**Department of
Science & Technology**
GOVERNMENT OF INDIA



**Department of
Biotechnology**
GOVERNMENT OF INDIA



**Ministry of
Earth Sciences**
GOVERNMENT OF INDIA



**Department of Scientific and
Industrial Research**
GOVERNMENT OF INDIA



GLIMPSES OF EARLIER IISFs

IISF 2015

Venue: Indian Institute of Technology (IIT), Delhi

Nodal organization: Department of Science and Technology (DST)

Coordinating Institute: Technology Information Forecasting and Assessment Council (TIFAC)

No. of Events: 08

IISF 2016

Theme: Science for the Masses

Venue: CSIR-National Physical Laboratory (NPL), Delhi

Nodal organization: Council of Scientific and Industrial Research (CSIR)

Coordinating Institute: CSIR-National Physical Laboratory (NPL)

No. of Events: 09

IISF 2017

Theme: Science for New India

Venue: IIT Madras, Anna University, CSIR-CLRI, CSIR-SERC and NIOT, Chennai

Nodal organization: Ministry of Science & Technology

Coordinating Institute: National Institute of Ocean Technology (NIOT)

No. of Event: 16

IISF 2018

Theme: Science for Transformation

Venue: Indira Gandhi Pratishthan, Lucknow

Nodal organization: Department of Biotechnology (DBT)

Coordinating Institute: National Institute of Immunology (NII)

No. of Events: 22

IISF 2019

Theme: Research Innovation Science Empowering Nation

Venue: Biswa Bangla Convention Centre & Science City, Kolkata

Nodal organization: Department of Science and Technology (DST)

Coordinating Institute: Vigyan Prasar (VP)

No. of Events: 28

6th IISF 2020

Theme: Science for Self-Reliant India and Global Welfare

Date: December 22-25, 2020

Venue: Virtual Platform (<https://www.scienceindiafest.org/>)

Nodal organization: Council of Scientific and Industrial Research (CSIR)

Coordinating Institute: CSIR-National Institute of Science, Technology and Development Studies (CSIR-NISTADS)

Number of Events: 41 (28+13)

Expected Delegates: School Students, Researchers, Teachers, National and International Scientists, Technocrats, Industrialists, Innovators, Entrepreneurs, Craftsmen, Artisans, Farmers, Agri-sectors and Healthcare sectors, Exhibitors, Diplomats, Policy Makers.

VISION

Promotion of Atma Nirbhar Bharat and Global Welfare through Science, Technology and Innovation

OBJECTIVES

- * Aims to promote and build scientific temper among the masses and the young children
- * To catalyze and trigger relationship between Science and Society leading to the development of new frontiers of growth both scientifically and economically
- * To strengthen nation and to achieve inclusive and sustainable growth in the coming future
- * To provide a platform for recognizing contribution of science and technology in global development

41 Events are further categorized into the following 09 verticals:

Science for Agriculture and Rural Development (3 Events)

- Agricultural Scientists Meet
- Agritech
- Traditional Crafts and Artisan Meet & Expo

Sustainable Development (07 Events)

- Biodiversity
- Clean Air
- Energy
- Habitat (Urban & Rural)
- Health Research Conclave (HRC)
- Waste & Sanitation
- Water

National and International Linkages (5 Events)

- Global Indian Scientists & Technocrats Meet (GIST)
- International Science Literature Festival – “VIGYANIKA”
- Overseas Ministers & Diplomats Conclave
- Science Diplomacy
- State S&T Ministers Conclave (SSTMC)

History, Philosophy and Science (3 Events)

- History of Indian Science
- Philosophy of Science
- Science and Performing Arts

Inclusive Development (3 Events)

- Women Scientists & Entrepreneurs Conclave
- Assistive Technologies Conclave for Divyangjan
- National Social Organization & Institutions Meet

New Frontiers (3 Events)

- Nav Bharat Nirman – Building of the New India
- New Age Technology Show
- Face-to-Face with New Frontiers in Science

Science for Students (6 Events)

- Students Engineering Model Competition
- National Science Teachers Congress (NSTC)
- North-East Students Conclave
- **Science Education in India**
- Students Science Village (SSV)
- Young Scientists Conference (YSC)

Science for Masses (7 Events)

- Guinness World Records
- International Science Film Festival of India (ISFFI)
- Science & Technology Media Conclave
- Vigyan Yatra
- Wellness Conclave
- Cultural Program
- Outreach Programme & Satellite Communication Event

Industry and MSME (4 Events)

- Industry Academia Conclave (IAC)
- Mega Science, Technology & Industry Expo
- National Start-up Conclave
- **Games and Toys**

GUINNESS WORLD RECORD

No	Program	Date	Time	Format
A)	IISF-2020: Virtual Science Festival (2000 approx. per day at peak hour)	22 nd to 25 th December	Whole day	Virtual participation
B)	Light, Shadow and Time Device Making (5,000 Students)	22 nd December	9:00 AM – 1:00 PM	Activity cum demonstration
C)	Online Hand Hygiene Lesson and Activity (30,000 Students)	23 rd December	11AM - 2 PM	Lecture and Activity
D)	Applying Protective Masks and Taking an Oath Online (30,000 Students)	24 th December	11AM - 2 PM	Demonstration and oath
E)	Nutrition and Health Lesson (35,000 Students)	25 th December	11 AM – 2 PM	Online lecture

SUPPORTED BY



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**Ministry of Electronics &
Information Technology**
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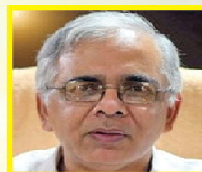


STEERING COMMITTEE IISF 2020



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Hon'ble Union Minister for
Science & Technology and
Earth Sciences
Hon'ble Union Minister for
Health & Family Welfare



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DR RANJANA AGGARWAL
Director, CSIR-NISTADS

CSIR HQ REPRESENTATIVE



SHRI ANOJ KUMAR CHADAR
Principal Scientist, DG's Executive
Directorate, CSIR HQ



Thank You

SCIENTIFIC PROGRAM

Virtual Mode: Panel discussions and Debates, Poster presentations, Quizzes, Exhibitions, Demonstrations, Workshops etc.

Event	Coordinating Institute	Expected No. of Participants	Tentative Days
Agricultural Scientists Meet	ICAR, MoES, IMD, CSIR-NISCAIR, PAU Ludhiana, VIBHA	1000	02
Agritech	CSIR-IHBT Palampur, CSIR-NISTADS, Anand Agricultural University, VIBHA	500	02
Assistive Technologies Conclave for Divyangjan	DST, CSIR-NISCAIR, CSIR-IITR, Rabindra Bharati University, VIBHA	500	02
Bio-diversity	CSIR-NBRI, CSIR-NISCAIR, Guru Nanak Dev University, Amritsar, JNU	500	02
Clean Air	IITM-Pune, CSIR-NISTADS, CSIR-NPL, VIBHA	500	02

Energy	DBT, DST, CSIR-NISTADS, MANIT, IIT Delhi, VIBHA	500	02
Student Engineering Model Competition	CSIR-CEERI, Pilani, CSIR-NISCAIR, VECC-DAE, VIBHA	500	02
Face-to-Face with New Frontiers in Science	CSIR-IGIB, CSIR-NISTADS, Mumbai University, VIBHA	5000	02
Games and Toys	CSIR-NISCAIR, J N V M Inter College, Kanpur, BARC, Mumbai, VIBHA	500	02
Global Indian Scientists & Technocrats Meet	CSIR-HQ, DST, CSIR-NISCAIR, Hindu University of America, VIBHA	500	02
Guinness World Records	CSIR-CIMFER, Dhanbad, CSIR-NISCAIR, IIT Indore, VIBHA	1Lac	04

Habitat (Urban & Rural)	CSIR-CBRI Roorkee, CSIR-NISCAIR, SSM Kochi, SPA Delhi, VIBHA	500	02
Health Research Conclave (HRC)	ICMR, CSIR-NISCAIR, AIIMS, New Delhi, VIBHA	1000	02
History of Indian Science	CSIR-TKDL, CSIR-NISTADS, University of Delhi, JNU, VIBHA	500	02
Industry Academia Conclave	CSIR-IIP Dehradun, CSIR-NISCAIR, VNIT Nagpur, VIBHA	1000	02
International Science Film Festival of India (ISFFI)	Vigyan Prasar, CSIR-NISCAIR, VIBHA	1000	03
International Science Literature Festival – “VIGYANIKA”	CSIR-NISCAIR, MoES, GVMSHSS POUND Goa, University of Delhi, VIBHA	1000	03

Mega Science, Technology & Industry Expo	VIBHA		04
National Science Teachers Congress (NSTC)	CSIR-CSIO, CSIR-NISCAIR, VIBHA	1000	03
National Social Organisation & Institutions Meet	CSIR-CIMAP, CSIR-NISCAIR, VibhaVanilIndia, VIBHA	1000	02
National Start-up Conclave	DST, CSIR-NISCAIR, JNU, VIBHA	500	02
Nav Bharat Nirman – Building of the New India	DST, CSIR-NISCAIR, University of Delhi, VIBHA	500	02
New Age Technology Show	STPI, CSIR-NISCAIR, IIT Delhi, VIBHA	500	02

North-East Students' Conclave	NECTAR-DST, CSIR-NEIST, Jorhat, VIBHA	1000	02
Outreach Programme & Satellite Communication Event	MoES, CSIR-NISCAIR, CSIR-HRDC, CSIR-IICT Hyderabad, VNIT Nagpur, VIBHA	Floating Pre-IISF Event	
Overseas Ministers & Diplomats Conclave	DST, CSIR-NISCAIR, JNU, VIBHA	100	01
Philosophy and Science	CSIR-NISTADS, University of Delhi, Kaivalyadhama Research Institute, VIBHA	500	02
Science & Performing Arts	CSIR-NISCAIR, BITS Pilani, BVG Life Sciences Limited Pune, VIBHA	500	02
Science & Technology Media Conclave	DST, CSIR-NISTADS, CSIR-HQ, VIBHA	300	01

Science Diplomacy	DST, CSIR-NISCAIR, VIBHA	500	02
Science Education in India	CSIR-NISTADS, Vigyan Prasar, HBCSE-TIFR, Mumbai, VIBHA	500	02
State S&T Ministers Conclave (SSTMC)	DST, CSIR-NISCAIR, MPCST, VIBHA	100	01
Students Science Village (SSV)	DBT, CSIR-NISTADS, CSIR-IICT, Hyderabad, CSIR-CECRI, Symbiosis Institute of Technology Pune, VIBHA	5000	04
Traditional Crafts and Artisan Meet & Expo	CSIR-AMPRI, CSIR-NISCAIR, DST, VIBHA	500	04

Vigyan Yatra	DBT, CSIR-NISCAIR, VIBHA	Pre-IISF Event	
Waste & Sanitation	CSIR-NEERI, CSIR-NISTADS, Kerala Forest Research Institute, Peechi, Kerala, VIBHA	500	02
Water	NIOT, CSIR-NISTADS, DST, CSIR-AMPRI, IIT Delhi, VIBHA	500	02
Wellness Conclave	CSIR-NISTADS, VIBHA	1000	02
Women Scientists & Entrepreneurs Conclave	CSIR-NEERI, CSIR-NISTADS,	1000	02
Young Scientists Conference (YSC)	CSIR-NPL, CSIR-NISCAIR, CSIR-IIMT, VECC-DAE, VIBHA	5000	03
		1.35 lac	