

NETWORK OF ORGANIZATIONS FOR SCIENCE AND TECHNOLOGY COMMUNICATION

Annual Report

2021-22



E-56, First Floor
Gali No. 1, Samaspur Road,
Pandav Nagar, Delhi – 110 091
URL: www.nostc.in
Email: nostc.org@gmail.com
Contact: 9879896331

ABOUT NOSTC:

The Network of Organizations for Science and Technology Communication (NOSTC) was formed about 31 years back with the objectives of initiating and implementing coordinated programs of science outreach in association with government and non-government organizations. National Council of Science and Technology Communication, Department of Science and Technology, New Delhi catalyzed the formation of this organization. It is a registered body guided by a Board of Governors with headquarters at Delhi. It has about eighty members spread in all states and union territories. Volunteers in districts lend it great strength and capability for implementing projects that reach the common man and woman. It has shaped and reshaped the Children's Science Congress every year for the past 21 years giving it more features to make it enriching for all participants. It has organized the Teachers' Science Congress over the past fourteen years giving a platform for innovative science and math teachers. Network provides platform for interacting with eminent scientists and encourages young budding scientists also. The Network led the nation in observing the Year of Scientific Awareness in 2004 and International Year of Physics (Appreciating Physics in Everyday Life) 2005. It undertook a three year campaign for Planet Earth 2007 and is drawing up ambitious plans for the future. It has many publications in Hindi, English and regional languages that are always in demand. The Network welcomes new members to improve the planning and implementation of its programs. It seeks new areas in development communication, technology outreach and promotion of innovation over the next few years. Even as rapid developments impact on society, the next phase promises to be even more exciting and rewarding.

(I) Composition of BoG members and highlight of 29th BoG meeting.

1. Er. Anuj Sinha – Chairman
2. Shri S. K Sinha – Convenor
3. Smt. Sandhya Verma – Co-convenor
4. Dr. Kishor Manohar Rahe – Treasurer
5. Shri Girish Kadlewad – Member
6. Shri Suchant Kr. Pan – Member
7. Shri Zaffer Ulla Khan – Member
8. Shri Surender Dighe – Member
9. Shri Andrew Ahoto Semi – Member
10. Shri Santu Thapa – Member
11. Dr. Satender Singh – Member
12. Shri DNS Anand – Member
13. Dr. Joicy Rai – Member
14. Dr. Narrotam Sahoo – Member
15. Shri Sabbir Ahemed - Member

NOSTC - Today and Tomorrow

The Beginning

DST (The Department of Science and Technology, New Delhi) realized the need for an active field group for effective implementation of science outreach experiments in the late 80s. A systematic consultation was organized with representatives of government departments, autonomous agencies, research laboratories and voluntary organizations. A unique constitution evolved with over 98 leading government and non-government organizations formally joining to form NCSTC Network in 1990/91. The hub and spoke model ensured operational flexibility.

While National Council for Science and Technology Communication, DST was devoted to framing policies and supporting innovative programs, Vigyan Prasara (an autonomous institution under DST) had the mandate for large scale development and distribution of popular science books, kits, films and videos and NCSTC Network gave shape to field programs.

Some Milestones

Early in its existence the NCSTC Network shaped and piloted the Children's Science Congress enlarging the model of Madhya Pradesh started by Science Center, Gwalior. The annual program encourages young researchers to work in teams, attempt a solution to a local problem using science and present their research at district congresses. Innovative projects are selected for state congresses and best projects make it to National Children's Science Congress.

Bharat Jan Gyan Vigyan Jatha was a unique effort weaving science communicators across the length and breadth of the country in 1991/92. Trained cultural troupes engaged with communities at each halt and raised awareness on local issues including nutrition, immunization, water conservation, etc.

Innovative school science teachers had been requesting a forum to exchange their ideas on difficult to teach concepts. Science Center Gwalior took the lead and commenced the Teachers' Science Congress in 2001. NCSTC Network has ensured that more teachers are able to meet and share their experiences at such platforms every alternate year.

Year of Scientific Awareness (2004), Year of Understanding Physics (2005), Year of Planet Earth (2007) and many other innovative large-scale campaigns including Total Solar Eclipse, Transit of Venus, etc., have been organized with full support of active members of the Network.

A social audit by a committee of experts highlighted the contribution of this organization in improving science awareness across various stakeholders. Individual members have organized training programmes for science communicators, development of new software and science exhibitions.

New Programmes

The Network is now registered as NOSTC (Network of Organizations for Science and Technology Communication, Delhi) and has a strength of 98 members across all states and union territories. It is guided by a 15-member Board of Governors with Er Anuj Sinha as Chairman and a General Body of all members with Prof Yash Pal as President.

NOSTC proposed new initiatives and developed collaborative and standalone projects for the next two years. These include –

- 100 students 100 Hours
- National Organizing Committee on YASH;
- Indian Young Inventors and Innovators Challenge;
- Developing skill in Science Journalism in Digital Age:
- Guiding Innovative CSC Projects for Startups at IIIF,
- Promoting STEM Projects for Students of Armed Forces,
- CSC Delhi 2021, etc.

Reading and Scientific Literacy Mission (2021–22)

As per NCSTC Framework – DST, Govt. of India

Preamble:

Recognizing that low levels of literacy, particularly scientific literacy, continue to hinder inclusive and sustainable social development, the Network of Organizations for Science and Technology Communication (NCSTC) has intensified its focus on nurturing a culture of reading and informed discourse. Over the past three decades, efforts to promote functional literacy have made significant progress. Building on this momentum, the mission for 2021–22 aims to create a deeper impact by enhancing scientific temper, critical thinking, and reading culture across diverse segments of society.

Vision:

To foster a scientifically literate society by enabling access to quality reading resources, promoting engagement through community-driven activities, and embedding the values of curiosity, inquiry, and rational thinking in all citizens.

Essential Elements:

- Access to Enriching Reading Resources:
Focus on science-based content in regional languages, including books, magazines, CDs, DVDs, and digital formats. These will be curated from reputed institutions like Vigyan Prasar, NBT, Eklavya, CSIR–NIScPR, and others.
- Community Engagement and Inclusivity:
Ensure active participation of schools, colleges, public libraries, women’s groups, senior citizens, and rural communities. Activities will be designed to suit various literacy levels and age groups.
- Content Development and Vetting:
Partnering with authors, translators, and educators to develop and validate age-appropriate, culturally contextual, and scientifically accurate material. Encouragement to local authors and publishers to contribute to this effort.

Key Activities (2021–22):

1. Thematic Reading Campaigns:
Annual themes (e.g., *Health & Hygiene, Environment, Scientific Inventions, Sustainable Living*) around which book reading, review contests, and discussions are organized.
2. Book Appreciation Competitions:
Participants read books on a chosen theme over a period and present summaries or critical reviews through speaking, essays, or posters.
3. Library Activation Drives:
 - Visits to Public Libraries with formal induction and orientation sessions.
 - Community Library Setup with donated materials and local volunteer librarians.
4. Science Communication Workshops:
Workshops on storytelling, street theatre, cartooning, and digital content creation to spread science

messages in innovative ways.

5. Inter-generational Dialogue Circles:
Sessions where youth and elders read and reflect together, promoting shared learning.
6. Book Fairs and Science Literature Exhibitions:
In collaboration with local governments and science NGOs to promote low-cost, high-quality science books.

Expected Impact:

- Improved scientific literacy and reading competence among neo-literates and students.
- Reduced dependence on passive digital consumption; revival of active, reflective reading habits.
- Strengthened community ownership in promoting informed citizenry and rational thinking.
- Support for language diversity and local content creation.

Way Forward:

- Each partner organization to set measurable annual goals (e.g., number of new readers, books issued, libraries activated).
- Utilize existing infrastructure and volunteers while seeking additional support from state, CSR, and international grants.
- Build a national-level coalition with regular sharing of best practices, progress reports, and impact metrics.
- Expand collaboration with organizations like Panicker Foundation, Vigyan Prasar, NBT, and other NCSTC affiliates.

ACTIVITY PROFILE

The Network of Organizations for Science and Technology Communication, Delhi envisages the implementation of schemes and activities for strengthening Science and technology as well as communication Science in the Indian continent with the following objectives:

- Research and development, Demonstration and extension.
- Science Popularization among all community in India.
- Science and Society programs for women and weaker Sections
- Find out inventors and their Innovations and its commercialization.

ACHIEVEMENT:

During the last one year, The Network of Organizations for Science and Technology Communication performed many activities in spite of severe manpower constraints. Some of the important events organized are:

(a) Children's Science Congress:

Delhi State Children's Science Congress 2021–22

Organized by Network of Organizations for Science and Technology Communication (NOSTC), Delhi
Supported by NCSTC, Department of Science & Technology, Govt. of India

Overview:

Network of Organizations for Science and Technology Communication (NOSTC), Delhi, successfully organized the **Delhi State Children's Science Congress (CSC) for 2021–22**, under the guidance and support of NCSTC, DST. The event followed all procedural and academic guidelines and continued to serve as a robust platform to nurture scientific curiosity and thinking among school children of Delhi.

The CSC activities have been conducted by NOSTC annually since 1993 in collaboration with the **Directorate of Education, Government of NCT of Delhi**, at Centre, Zonal, District, and State levels.

Key Highlights of 2021–22:

- An **Academic Committee** was constituted with subject experts, and an **Academic Coordinator** was appointed for the 2021 edition.
- A **coordination meeting** with Zonal Coordinators was held on **18th September 2021** at Rajkiya Sarvodaya School, Aliganj, Lodhi Colony.
- **Four Orientation Workshops** were organized at different Science Centres in Delhi for training **teachers and mentors**, including participation from private and government school educators.
- Zonal and Centre-level CSC events were conducted by the **Directorate of Education, NCT Delhi**, while NOSTC handled the District and State level events.

District-Level Participation (October 2021):

- Events were organized across **11 districts**, covering all education zones of Delhi.
- A total of **458 research-based projects** were presented by groups of children.
- **1071 female** and **1021 male** students participated, reflecting a strong emphasis on **gender equity**.
- **596 children** were from the lower age group and **1496** from the upper age group.
- **Over 1200 teachers** were trained to mentor the students.
- **Three evaluators per district** were deployed to assess and shortlist projects.
- **26 projects** were selected for the **State Level CSC 2021–22**.

State-Level Children's Science Congress (07th November 2021 – Virtual Mode):

- Organized by **NOSTC** in collaboration with the **Science Unit, Directorate of Education, NCT Delhi**.
- Inaugurated by **Dr. Sujit Banerjee**, Scientist, Science & TV Branch, DST.
- **Mrs. Madhu Singh**, DDE (Science), Lajpat Nagar, graced the occasion as Guest of Honor.
- The virtual event saw participation from **260+ students and teachers**, along with media representatives and dignitaries.
- **39 shortlisted projects** were presented by child scientists.
- **08 best projects** were selected by a panel of **09 expert judges** to represent Delhi at the **29th National Children's Science Congress**, held at **Science City, Ahmedabad**.
- Additionally, **2 outstanding projects** were chosen to participate in the **Rashtriya Kishor Vaigyanik Sammelan** during the **Indian Science Congress** at **Central University, Imphal**.

Closing Remarks:

Er. Anuj Sinha, Hon. Chairman, NOSTC, was the Special Guest at the valedictory function. He appreciated the scientific curiosity, observation, and presentation skills of the participants and highlighted their potential in contributing meaningfully to India's scientific future. He applauded the collaborative efforts of schools, mentors, evaluators, and organizing teams in making the 2021–22 edition of CSC a success despite pandemic-related constraints.

Impact and Way Forward:

- The program not only facilitated **science communication** at the grassroots but also encouraged students to **scientifically address real-life problems** relevant to their localities.
- Continued emphasis on **virtual platforms** enabled wider access and inclusivity.
- NOSTC aims to **expand its outreach**, partner with more schools, and encourage more **girl child participation** in the coming years.

100 Student and 100 Hours:

The program is being organized in NCT DELHI by Network of Organizations for Science and Technology Communication (NOSTC), E-56, First Floor, Gali No. 1, Samaspur Road, Pandav Nagar, Delhi 110 091. The major objective of this program is To introduce students to developments in modern science and technology, To create awareness about careers in scientific research and teaching, To explain impact of modern science in solving social problems and To build bridges between leading scientists and teachers and students. It helps to stimulate scientific temperament and learning scientific methodology - observation, collection of data, experimental analysis and then arriving at conclusion. Target groups of this program are Students of higher secondary level and School Science Teachers.

‘100 Students 100 Hours Interaction with Scientists’ gives shapes to the call given by Hon’ble PM at 105th Science Congress at Manipur to every scientist in March 2018”.

Interested scientists have been selected from universities and research laboratories in NCR for interacting with groups of high school students through lectures, demonstrations. etc. The focus of each session was concentrated to convey excitement in modern science. Each session includes question and answer time. NOSTC identify leading schools in NCR to select and send students of Classes IX to XII for these sessions and facilitate the sessions. Group of Students in each district and Scientists was log in 100 hours over the period.

The identified Scientist spends about 100 hours during the project period with high school students and their teachers. School science teaching comprises lecture and practical sessions to complete the syllabus with frequent assessments. Most students do not appreciate the subject and study it only as a means of clearing professional course entrance requirement. Very few school students meet active leading scientists and make career defining decisions based on incomplete information. This program provided a wide cross section of school students to interact with about 12 scientists during the period. The sessions had structured to provide students perspective about careers in scientific research and teaching.

NOSTC has established its effective approaches in almost all districts of the NCT Delhi. In this regard a team of experts already worked on science and educational projects in four districts. Students of high schools in Delhi and science teachers were engaged over 100 hours with leading scientists. The proposed activity bring the new ideas and joy to the lives of the students and bring change to their thinking & working. The outcome of this program was raised awareness of the importance of science, Enroll leading scientists in science outreach programs, and building of confidence among the students to opt science as a career and that can benefit them and society in long run

At the first instance, we have identify the Scientist and engaged them for spare time for this program, The first program was arranged in North Delhi at Modern Public School, Shalimar bag, New Delhi on 18.03.2021. Around 60 participants were present on the day. The program was inaugurated by Er. Anuj Sinha, the Chairman, NOSTC, Delhi. Shri Gagan Gupta from NCRTC, Delhi, Dr. Kapil Tripathi from Vigyan Prasar, Noida, UP, Dr. (Mrs) Pratibha Jolly, Principal Miranda House College, Delhi and Mr. Sanjay Kapoor, Science communicator performed and share their expertise on the day.

The next session was arranged on 19.03.2021 for the student of South Delhi on virtual mode about 50 Student and 35 teachers participated in the program on the day. Shri Manish Kumar, Science teacher from Aauraia,UP, Dr. Gagan Gupta, From NCERT, Delhi and Dr. Monika Kaul from Delhi University spare themselves for the student and teachers and share their expertise.

The third program were arranged on 07.04.2021 on the day Shri Manish Kumar, Science teacher from Aauraia,UP, Dr. Mrs. Kanak Lata, from Agricultural Scientist from ICAR and Smt. Sandhya Verma from Science Centre Gwalior, Madhya Pradesh addressed to the Scientist. More than 60 Student and 25 teachers attended program on the day at East Delhi.

The fourth program was held on 08.04.2021 in West District. Dr. Kapil Tripathi, Scientist from Vigyan Prasar, Dr. Kanak Lata, the Agricultural Scientist from ICAR and Dr. Sanjay Singh, Horticultural Scientist from Godhra Gujarat spare themselves and given deep information among the teachers and Student of West District of Delhi. About 65 Student and 20 teachers participated in on the day.

The another session was held on 10.04.2021 in Central Delhi Dr. Monika Kaul, Botany Department from Hansraj College, Delhi, Dr. Neha, TERI, Delhi and Shri Gurmeet Singh, Geography (Math), Punjab share their knowledge with the participating children and teachers.

Dr. Malti Goel, Dr. B. K Tyagi, Botany, Vigyan Prasar, Noida, Spare them for this awareness program on 27th April 2021 were held for the student of Delhi those were not attended in any places where as the last program was held on 28th April 2021 on demand at East Delhi Dr. Usha Srinivasan Environmental Science from Delhi and Dr. Susma Goel, Lady Irwin College, Delhi explain in details in her relevant subjects.

The following Coordinator given full efforts for the success of the program and coordinate with the schools.

Mrs. Naina Nagpal, Modern Public School, North Delhi, Smt. Jyoti Rana, Sonia Bhatia, Nisha Sharma, world Public School, Noida, Pallav Sinha, from Vadodara and Mrs. Elizabeth,

Developing Skill and Enthusiasm among Teachers of Science Communication in The Digital Age

The title of the project is “Developing Skill and Enthusiasm among Teachers of Science Communication in The Digital Age” under which a six-week certificate course “Science Journalism in the Digital Age” was conducted in Hybrid mode, where course content was covered in 23 days. The objective of the course is to Develop and enhance skills of science communication in professionals, students, and teachers of mass communication; Develop a set of lecture notes with references and links for further reading; Develop assessment tools; and encourage fresh graduates to become enthusiastic science communicators.

The course was arranged by NOSTC (Network of Organizations for Science and Technology Communication, Delhi) and approved by NCSTC, DST (National Council for Science and Technology Communication, Department of Science and Technology, New Delhi) with Lovely Professional University as the knowledge partner.

The course focused on theory and practice of science communication through print, electronic and digital media. It intended to prepare the participants to become effective science communicators for the 3rd decade of the 21st century.

1. **About the Course:** Science Journalism is largely about the interactions between scientists and the general audience. The interactions in the form of news, audio, videos, or presentations that are well supported by facts and figures while maintaining the integrity of journalism and regulatory authorities and disregarding the rumors and superstitions. It is a challenging profession that creates a place for science and technology in the minds of their readers and so they become more attracted towards science journalism. **Scientific Journalist** is an investigatory and critical role that may influence or put a scientific or academic event in the minds of the public, influence perception and attitude in the undesired direction. They not only explain the results of scientific studies to a general audience but also help distinguish between well-supported and weak conclusions and examine possible conflicts of interest. Scientific journalists play a major role in key political, economic, cultural, and social policy discussions, as well as in public dialogue. Therefore, a certification course has been initiated to encourage more people to make a profession as scientific journalists. The 6-week certification course will be conducted in both online as well as physical mode.
2. **Criteria of participation:**
 - a. Teachers from any discipline can join the course. However, preference will be given to science and technology or journalism and mass communication stream teachers.
 - b. Professionals from all Industries working in the science and technology field(s) can apply and should have journalistic experience or temperament.
 - c. Students who have completed or are pursuing graduation in journalism, mass communication or science or technology disciplines or in the relevant discipline can submit

their application. The student means someone who is not employed or working as a freelancer.

d. Anyone having experience in journalism.

The screenshot shows a Zoom meeting interface. At the top, a status bar indicates "REC" (Recording) and "Dr. Ajoy Batta is presenting". The main window displays a presentation slide titled "Content" with the following bullet points:

- Not limited to the text
- Literally the experience
- Words are indeed our emissaries and ambassadors

The slide is part of a 15-slide presentation, currently on slide 3. The Zoom interface shows a grid of participant avatars on the right side, including Dr. Ajoy Batta, Ashni Kumar, Ajmer Chouhan, vishal sharma, Sunil Kumar, Gaurav Dutta, and a group of 24 others. The bottom status bar shows the time as 3:23 PM and the meeting title as "Day-9 of SJC: Content Development".

REC

Pallava Bagla is presenting

2 NDTV Dark Matter lab Hindi VT Sept 5 2017.mov - VLC media player

Media Playback Audio Video Subtitle Tools View Help

02:54 03:56

Day-13 of SJC: Expert Lecture

Pallava Bagla

Dr. Akash Deep Muni

Anuj Sinha

ADC

Ashni Kumar

Jaspal Kaur Kalsi

Tamanna Arora

Dr. Mithun Chandra Roy

37 others

You

REC Pallava Bagla is presenting

5 LIS Soumya Promo EP#46 Humanity Will Win War Against Covid 19 Promo3 min Sept 3 2021.mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

India SCIENCE
75
Azadi Ka Amrit Mahotsav

Dr. SOUMYA SWAMINATHAN
CHIEF SCIENTIST,
WORLD HEALTH ORGANISATION (WHO), GENEVA,
SWITZERLAND

01:09 62:46

3:36 PM | Day-13 of SJC: Expert Lecture

Pallava Bagla
ADC
Ashni Kumar
Dr. Akash Deep Muni
Jaspal Kaur Kalsi
Tamanna Arora
Dr. Mithun Chandra Roy
36 others
You

REC

praptul singh

Krishan Chander Vats
Rakesh Kumar Sille
amit kumar
Keshav Kalra
omkar 13841
Gurpreet singh Saini 16...
Aditi Pundir
34 others
You

3:53 PM | Day-23 of SJC: - Expert Lecture

REC

Press **Esc** to exit full screen

Dr. Akshay Kumar

Inaugural Ceremony - Science Journalism Certificat...

Participants in the grid:

- rashmi sinha
- Amritpal Kalsi
- Ashish Kumar
- Vipin Pal
- gurdipandhawa
- gurtej singh
- Kushal Kumar
- 15 others
- You

Icons: Microphone, Video, Chat, Hand, Screen, More, End Call

24

REC

Neealm Mahay

4:13 PM | Day-23 of SJC: - Expert Lecture

Participants in the grid:

- Kushal Kumar
- Krishan Chander Vats
- Anuj Sharma
- navia gupta
- Simarot Kaur
- Gagandeep Singh Jaura
- Rakesh Kumar Sille
- 38 others
- You

Icons: Microphone, Video, Chat, Hand, Screen, More, End Call

47

Future Activities planned:

Turning Point of NCSTC: The project aims to present the four decades of innovative and path breaking research and development, fieldwork, software development, manpower development, etc by NCSTC in positive light among policy makers and influencers. It will also assist team NCSC to review areas that require more resources in the context of current and future challenges.

IYIC (Indian Young Inventors and Innovators Challenge)

Brief outline of the project and approach followed for its implementation

Innovation is the door to new markets, it is the future of business, the engine of the new economy, it is what makes 'Make in India' incredible in its possibilities. The new paradigm demands a new platform. India Young Inventors and Innovators Challenge is the sub-continent's first innovation entrepreneurship forum with focussed sub-events and knowledge seminars. The event will offer innovators of the country an unparalleled platform in any place across of India. The event boasts of an eminent advisory committee comprising innovation visionaries and leaders. The fair witness an unprecedented convergence of ideators, global industry captains, risk capital providers, start-ups, marketing consultants among others.

NOSTC (Network of Organizations for Science and Technology Communication, New Delhi) organize the India Young Inventors and Innovators Challenge for young Inventor and Innovators of Indian sub-continent across the country (India) were invited to participate in the challenge and to pursue their curiosity and place their inventions at the platform.

Organizations those are involved in science communication activities had approached for this purpose, the experts from these organization will also be invited to bring the innovators at the platform and support them the arriving at the conclusion of their inventions and interact with inventors at the platform. The age group of the participants divided in to three groups i.e

- Cub Researchers: All team members Below 14-17 years on 31.12.2021
- Juvenile Researchers All team members below 18-21 years on 31.12.2021
- Youth Researchers All team members below 22 years on 31.12.2021.

Background of the programs:

- Pioneering India International Innovation Fair was organized at Bengaluru in Oct 2016 and 5 projects from NCSC 2015 were supported by NOSTC to participate in the fair. The jury recommended and rewarded these entries.
- NOSTC Selected 10 Projects for 2nd India International Innovation Fair was held at Hotel Taj, Visakhapatnam in Sept 9-11, 2017. Four entries were recognized by gold, silver and bronze medals.
- Meanwhile, the Global Young Scientist Challenge was organized at Vishakhapatnam in September 2018 and 12 young Innovators across the country were represented their project at the platform. Out of them 8 were recognized by gold, silver and bronze medals.
- NOSTC Selected project (NCSC Alumni) also participated in the Russia Science Fair "NEW TIMES" and awarded by Gold medal, subsequently, the same was also awarded Gold

Medal at International Exhibition for Young Inventors (organized by FGSI) held at Hotel Vivanta by Taj at Faridabad, Haryana, during 16-19, October 2018.

- NOSTC organized four regional levels fair at four locations (Punjab, Gujarat, Telangana and Nagaland) 20 projects from each region were selected for National event. This was held at Montfort Social Institute, Uppal, Hyderabad by involving 70% SC/ST participants and 30% others. Total 36 projects were selected for IIF 2019 were took place at Hyderabad from December 01 to 03rd, 2019. (These events were catalyzed and supported by NCSTC-DST, Gol).

IYIIC 2021:

NOSTC organized six regional level event of IYIIC 2021 at Assam, Nagaland, Karnataka, Gujarat, Madhya Pradesh, Punjab. 20 best projects from each region were selected for National Event of IYIIC 21

Regional Event:

1. Central Region (Madhya Pradesh): Science Centre (Gwalior), Bhopal, Madhya Pradesh was given responsibility to organize the regional IYIIC fair 2021. the event was held on 11th December 2021 at SAM Global University, Bhopal, Madhya Pradesh. **Shri Mangubhai C. Patel, Hon'ble Governor of Madhya Pradesh** inaugurated the regional event of IYIIC of Central Region. Shri Kanitkar Ji, was the special Guest on the event. The event was held in presence of Dr. Sujit Banerjee, Scientist 'F', NCSTC, DST, Govt. of India. Participants from Uttar Pradesh, Rajasthan and Madhya Pradesh participated in the regional event. The event was held on Hybrid mode. Total 80 Inventors and innovators took part comes under the Cub, Juvenile and Youth Group. The Jury team selected some of the project for National Event of IYIIC. The list of Selected participants for National Event are given below:

List of selected participants for National Level IYIIC-2021

Cub researcher -

SN	Name	Father Name	School/Institute	State
1	Abhiraj Sengupta	Prabal Sengupta	Mayoor School, Gautam Buddha Nagar, Noida	UP
2	Vibhushi Agarwal	Dr. Vimal Agarwal	Amity International School, Vasundhara-6 Ghaziabad U.P.	UP
3	Rishabh Yadav	Bhagat Singh	Lord Krishna Educational Sr. Sec. Academy, Mainpuri	UP
4	Alok Khamora	Manoj Khamora	The Shepherd Hr. Sec. School Agar Malwa	MP
5	Divyanshi Chaurasia	Dr.J.P Chaurasia	Sagar Public School, Saket Nagar, Bhopal	MP
6	Harsh Bajpai	Vijay Kumar Bajpai	Kendriya Vidyalaya No. 1, Rewa, Madhya Pradesh	MP
7	Hitika Mathur	Parag Mathur	Amity International School, Vasundhara-6 Ghaziabad U.P.	UP
8	Pravrusha Mahajan	Vilas Kumar Mahajan	Nehru Montessori Sr. Sec. School Burhanpur	MP

9	Manas Aterkar	Prashant Aterkar	Sagar Public School, Saket Nagar, Bhopal	MP
10	Aryan Harlalka	Ashok Kumar Harlalka	N. H. Goel World School, Raipur	CG
11	Bhumika Singh	M.N. Singh	N. H. Goel World School, Raipur	CG
12	Shivkumar Sahare	Roman Lal Sahare	Govt. H.S. School, Badgaon Block Dondi Lohara , Balod (CG)	CG
13	Navya Agarwal	Anurag Agarwal	Bangur Public School, Ras , Pali, Rajasthan	RJ
14	Shiv Narayan Kushwaha	Lalaram Kushwaha	Govt. H S School Kitaha, Satna (MP)	MP
15	Anmol Dadhich	Bharat Dadhich	St. Anthony's Sr. Sec., School, Udaipur (Raj)	RJ
16	Mohit Kumar Kalal	Paresh Kumar Kalal	St. Anthony's Sr. Sec., School, Udaipur (Raj)	RJ

Juvenil -

SN	Name	Father Name	School/Institute	State
1	Aryan Prasad	Suraj Prasad	Kalam Innovation Lab Mirzapur	UP
2	Prince Kumar	Bhagelu Gupta	Kalam Innovation Lab Ahraura	UP

Youth -

SN	Name	Father Name	School/Institute	State
1	Sandeep Sharma	Sanjay Sharma	Varchaswa Academy Agar Malwa	MP

2. **North East Region (Nagaland):** The Breeze Women Welfare Association was given responsibilities to organize the regional fair of IYIC 2021. The event was held on Virtual mode at Livingston education foundation at 10.00 AM on 20-21 April 2021. The children from various part of North eastern regions represented their innovations at the platform. Participants from Mizoram, Nagaland, Manipur and Arunachal Pradesh have taken part in the event. Altogether 58 innovators displayed their innovations before the jury team. The exhibitions were open for all. More than 1000 children from different Schools visited their stalls. The event was taking place at Livingston Sr. Secondary School, Nagaland. The 06 teams of jury members (comprising 03 members in each team) evaluate their projects. The Jury recommended 06 projects for IYIC 2021.

Selected for National Event of IYIC, 2021-22

Sl. No.	Name (s)	State & Institution	Title of Project
1	Uma Tamang	Don Bosco College, Tura, Meghalaya	Recycling of hydroponic waste solution using solar tracking smart irrigation method.
2	K. Darthangmawia	Kids Care School, Mizoram	LED night glove for traffic police and other road construction workers.
3	Gavin Sangma	Livingstone Foundation International, Nagaland	Auxiliary Traffic Indicator

4	Ramkrishna Baidya & Group	Livingstone Foundation International, Nagaland	Multipurpose Rain Harvester
5	Livino Yesca & Group	DMI Global School, Nagaland	Working model on Save Earth
6	Rachel Hussain & Group	DMI Global School, Nagaland	Water Cycle vs Acid Rain
7	Vikethenuo Metha & Group	DMI Global School, Nagaland	Waste Water Management

3. **North Region (Punjab):** The event was held on 27 - 28th May, 2021 at Puspa Gujaral Science City, Jalandhar, Punjab. Participants from Delhi, Uttarakhand, Punjab, Haryana, Jammu & Kashmir, Himachal Pradesh took part in the event. The program was organized in collaboration with Punjab State Council for S & T, Puspa Gujaral Science City, Punjab. The Vice Chancellor of the Punjab University inaugurated the innovation fair at 10.00 am. Altogether 65 participants in all the groups took part in the regional event. The 03 teams of jury members (comprising 03 members in each team) visited their stalls and evaluate their projects. The event was held on Hybrid mode. Following were selected for the National Event of IYIC 2021-22:

S. No.	Name of the Innovator	Project Title	Name of the School	State	Category
1.	Kirandeep Kaur	Innovative germ free natural products	GSSS Kot Khalsa, Amritsar	Punjab	Cub
2.	Hajis Shah	Thermal Cutter	HSS (Boys), Khishtwar	Jammu & Kashmir	Cub
3.	Sukhdeep Kaur	Paper production from <i>Cannabis sativa</i>	GSSS Gobindpur Khun Khun, Hoshiarpur	Punjab	Cub
4.	Bhajanpreet Kaur	Deterioration of soil health due to stubble burning	GSSSS Zira, Firozpur	Punjab	Juvenile
5.	Vincky Nagar	Early detection of TB through study of behavioral changes	Institute of Medical Sciences	Delhi	Youth
6.	Raunak Parakh	Magneto Culture	Modern Public School	Delhi	Cub
7.	Taranpreet	Formation of Ceiling Tiles using Stubble	Indian Public School	Haryana	Cub
8.	Hareen Mustafa	Bamboo as a property saver	Minto Circle School	Jammu & Kashmir	Cub
9.	Jiya Thakur	Use of some Eco-friendly Innovative Techniques for Social benefit	GSSS Khargat, District-Chamba	Himachal Pradesh	Cub
10.	Satvik	Shoe with hearing & visibility power	Indian Public School	Haryana	Cub
11.	Saanvi Nagpal	Social Technology for Sustainable Living	DL DAV Model School, Shalimar Bagh, Delhi	Delhi	Cub
12.	Sarthak Aggarwal	Aero Rocket (Need of an Hour)	Mother Divine Public School	Delhi	Cub

4. **Western Region at Gujarat:** The program was organized in Collaboration with Prasansa Foundation, Gujarat at the premises of Eklavya Model Residential School, Panchmahal (Godhra), Gujarat from 10.30 am to

4.00 pm on 20th March 2022. Dr. Mrs. Kanak Lata, Head, of KVK-Panchmahal inaugurated the event. Principal of JNV, Eklavya Schools Participants from Maharashtra, Gujarat, Goa, took part in inventors fair. 70 participants displayed their innovations at the platform. The 03 teams of jury members (comprising 03 members in each team) visited their stalls and evaluate their projects. Following were selected for the National Event of IYIIC 2021.

Ambika B. Shetye	Goa	Cub
Kaushl Tulsidas Vasani	Surat (Gujarat)	Cub
Dr. Seema Gajera	Vadodara, Gujarat	Youth
Vasava Prem	Narmada (Gujarat)	Cub
Saanvi Yadav	Uttar Pradesh	Cub
Tej Chirag Shah	Godhra (Gujarat)	Youth
Shah Tuls Balmukundbhai	Surat (Gujarat)	Cub
Pallavi Pandey	Vadodara, Gujarat	Juvenile
Bharambe Vraj	Vadodara, Gujarat	Youth
More Jay	Vadodara, Gujarat	Youth
Kanika Salaria	Vadodara, Gujarat	Youth
Icey patek	Vadodara, Gujarat	Youth
Shruti Patel	Vadodara, Gujarat	Youth
Marvadi Mahesh Sitarambhai	Vadodara, Gujarat	Youth
Rukaiya Shirohiwala	Vadodara, Gujarat	Youth
Deep R. Shah	Vadodara, Gujarat	Youth
Kishan Sanjaybhai Patel	Vadodara, Gujarat	Youth
Keyur Panchal	Vadodara, Gujarat	Youth

5. **South Region at Karnataka:** The program was held at Central University, Kalburgi, Karnataka. The event was organized in collaboration with the Karnataka Rajya Vijnan Parishad, Bengaluru, Karnataka on 22 - 23 April, 2022 between 10.00 am to 3.00 pm. Vice Chancellor of central University, Kalburgi inaugurated the event. Participants from various District of Andhra Pradesh, Karnataka, Tamil Nadu, Telangana, Kerla, appeared in the event. The State Council of Science and technology, of Telangana and Hyderabad nominated the young innovators from their respective states, the Tamil Nadu Science Forum and Karnataka Rajya Vijnana Parishad also nominated young innovators from their states. About 120 participants from the above states took part in the regional events. The 03 teams of jury members (comprising 03 members in each team) visited their stalls and evaluate their projects. Following have been nominated to participate in the National Event of IYIIC 2021-22

Sl no.	Full name	School / college / Institute name	State	District
1	Kartikkumar bagilavaidya	Sdm degree college honnabar(581334), uttarakannada	Karnataka	Uttarakann ada
2	Lohith t d	K.f.g.s.c.(tiptur)- 572201	Karnataka	Tumkur
3	Ranjan p	Vidya mandir ind. Pu college	Karnataka	Bangalore
4	Vijaylaxmi. Biradar	Srn mehta school State board kalaburgi	Karnatak a	Kalaburgi
5	Kushi . J	Vidya vardhaka, sangha bm sri ei	Karnataka	Mysuru

6	Mr. Anirudh kulkarni	Karnatak university's karnatak science college, dharwad	Karnataka	Dharwad
7	ತಳವಂದರ ಕಕ್ಕಿಬಿಳಿಶ	ಕರ್ತಾಂಟಿಕ ರಾಜ್ ಮುಕತ ವಿಶ್ವ ವಿದ್ಯಾಲಯ ಮೈಸೂರು	ಕರ್ತಾಂಟಿಕ	ವಿಜ್ಞಾನಗರ (ಹತ್ತಿರಪಟ್ಟಿ)
8	Nikhita h ingalagi	Basveshwar, engineering college	Karnataka	Bagalkot
9	Manikanth s meti	Vellore institute of technology, vellore	Tamil nadu	Vellore
10	Pragati ghatnur	Nehru international public school guledgudd	Karnataka	Bagalkot
11	Meena	Wisdomland school	Karnataka	Ballari
12	M. Charan sundar	A z p high school, vul	Andhra Pradesh	Guntur
13	J uma sri varshini	S.f.s.high school	Andhra Pradesh	Visakhapat
14	Dadichiluka shiv ha	Indian institute of in	Andhra Pradesh	Vizianagaram
15	Gha mohan	Amrita school of eng	Kerala	Kollam
16	Monesh	Sharnbasva university ka	Karnataka	Kalaburagi
17	Deepa ullegaddi	R.e.s. High school sampagaon	Karnataka	Belagavi
18	Akul arvind bhadrashe	Sharnbasva university karnataka	Karnataka	Kalaburagi

6. **Eastern Region at Assam:** The Assam Science Technology and environment Council had given responsibilities to organize the regional fair of IYIC 2021 for the Eastern Region. The event was held on Virtual mode at its premises at 10.00 am.on 27th May 2022. The children from various part of Bihar, Jharkhand, West Bengal, Tripura and Assam represented their innovations at the platform. Altogether 54 innovators presented their innovations before the jury team. The 06 teams of jury members (comprising 03 members in each team) evaluate their projects. The Jury recommended following innovators for participation in the IYIC 2021-22.

Sl.	Group leader	Group member	Paper title	State
1	Abhijeet kumar	Arpit kumar	Contactless temperature and distance measuring device	Bihar
2	Abhinav kisore		The potential impact of fish culture in rice fish farming system	Bihar
3	Akshit kumar lall		Next gen parking system	Bihar
4	Anusweta deb	Puja rani das	An experimental study on effectiveness of life jacket prepared from plastic waste materials using '4r' concept.	Assam
5	Arpit kumar	Akshat adarsh	Magnetic arsenic removal unit by the method of molecular repulsion	Bihar
6	Bhanu prakash	Gautam kumar mandal	Manufacture of disposable thali,palte.glass from maize bales	Bihar

7	Debojit prasad	Arif mondal	Comparative analysis between bio-fencing and brick wall for sustainable living	West bengal
8	Harsh rajput	Shreya kumari	Anti suffocation face mask	Bihar
9	Krishty sarkar		Optimal utilization of cashew nut waste by producing cashew nut shell liquid (cnsL) to uplift economic status of cashew growers.	Tripura
10	Piyush kumar	Subham raj	Sleep breaking spectacles	Bihar
11	Rabijita boruah		Designing a hot case using paddy husk	Assam
12	Raja kumar keshri	Ujjawala kumari	Developing a smart and safety helmet with dust free glass	Bihar
13	Sagun roul	Nabhya mohan Mehta	Plastic wastes to useful fabrics	A & n
14	Sohom afroj	Gourav mandal	Plastoscope- an optical microscope device	West bengal
15	Supratim chatterjee		Protecting the public health	West bengal
16	Upasana boruah	Oli chabukdhorah	Molasses from bhim banana	Assam
17	Vineet kumar		Polyfueller- a machine which convert waste plastic into fuel.	Bihar

The National Event of Indian Young Inventors and Innovators Challenge 2021-22 (IYIIC) was held at Sigma Institute of Technology, Vadodara, Gujarat on 27 and 28 May, 2022. The two days program was inaugurated at 09.30 am by the Managing Director of L & T institutions of Vadodara, Gujarat in presence of Dr. D. K Pandey, Shri Sanjib Sinha (organizing Secretary), Chancellor of Sigma Group of Institutes, Dr. Kanak Lata, Head, KVK-Panchmahal, Gujarat, Dr. Harshit Desai, Coordinator, Sigma Institute of Technology others members and Media person (Electronic and Print both) were present on the occasion.

In his address the MD, L & T said: "I am very impressed by the program arranged today, a wonderful platform for the young scientists to showcase their skills, and show the world if taken something seriously and with a steady approach anything is possible. I have witnessed a true self of young scientist putting in their efforts for the betterment of science and successful way to communicate awareness among those who truly deserves it." The event witnessed presentations and deliberations by selected scientists witnessed by more than 250 students and teachers from different part of the country, media personal and other dignitaries. The Innovators through their projects highlighted the area specific real-life issues based on the themes that concern them most and presented ways and means for addressing the real life in a meaningful way by using their scientific creativity, knowledge and ideas.

While Dr. Sujit Banerjee was the Guest of Honor on the eve of the concluding session of the Indian Young Inventors Challenge (IYIC). He also took part in the sensitization program of the mentors. He also gave away participation certificates to the participants and mentors/ escorts. The result was announced by the Organizing Secretary and the selection letters and Certificates was provided to them. In his concluding remarks he was happy to see the curiosity and temperament of the young inventors to learn and know things in a scientific perspective and expressed that the nation is safe in the hands of budding scientist who could deal with the subjects so minutely and eloquently and deserved appreciation. He further reiterated the effort and achievement of the young innovators. Total 98 projects were Presented in the National Event of IYIIC 2021-22. **Out of which 33 projects selected** for INEX 2022 were took place at Ravindra Bhavan,

Margaon, Goa from November 17 - 18, 2022. (These events were catalyzed and supported by NCSTC-DST, Gol).

**IYIIC Final Result for participation in National Event held during
27 and 28 May 2022 at Sigma Institute of Technology, Vadodara, Gujarat**

SI No.	Name of Selected Participants	State	Group (Cub/ Juvenile/ Youth)	ST/SC
1.	Abhiraj Sengupta	Uttar Pradesh	Cub	
2.	Vibhushi Agrawal	Uttar Pradesh	Cub	
3.	Rishabh Yadav.	Uttar Pradesh	Cub	
4.	Alok Khamora	Madhya Pradesh	Cub	ST
5.	Divyanshi Chourasia	Madhya Pradesh	Cub	
6.	Harsh Bajpai	Madhya Pradesh	Cub	
7.	Hitika Mathur	Uttar Pradesh	Cub	
8.	Pravrusha Mahajan	Madhya Pradesh	Cub	
9.	Manas Aterkar	Madhya Pradesh	Cub	ST
10.	Aryan Harlalka	Chhattisgarh	Cub	
11.	Bhumika Singh	Chhattisgarh	Cub	
12.	Shivkumar Sahare	Chhattisgarh	Cub	SC
13.	Navya Agrawal.	Rajasthan	Cub	
14.	Shivnarayan Kushwah.	Madhya Pradesh	Cub	SC
15.	Anmol Dadhich.	Rajasthan	Cub	
16.	Mohit Kumar Kalal.	Rajasthan	Cub	SC
17.	Aryan Prasad.	Uttar Pradesh	Juvenile	
18.	Prince Kumar.	Uttar Pradesh	Juvenile	
19.	Sandeep Sharma.	Madhya Pradesh	Youth	
20.	Kirandeep Kaur	Punjab	Cub	SC
21.	Hajis Shah	Jammu & Kashmir	Cub	
22.	Sukhdeep Kaur	Punjab	Cub	SC
23.	Bhajanpreet Kaur	Punjab	Juvenile	SC
24.	Emant Jhunjunwala	Delhi	Youth	
25.	Raunak Parakh	Delhi	Cub	
26.	Taranpreet	Haryana	Cub	SC
27.	Hareen Mustafa	Jammu & Kashmir	Cub	
28.	Jiya Thakur	Himachal Pradesh	Cub	
29.	Satvik	Haryana	Cub	
30.	Saanvi Nagpal	Delhi	Cub	SC
31.	Sarthak Aggarwal	Delhi	Cub	
32.	Uma Tamang	Meghalaya	Youth	ST
33.	K. Darthangmawin	Mizoram	Cub	ST
34.	Gavin Sangma	Nagaland	Cub	ST
35.	Ramkrishna Baidya	Nagaland	Cub	ST
36.	Livino Yesca	Nagaland	Cub	ST
37.	Rachel Hussain	Nagaland	Cub	ST
38.	Vikethenuo Metha	Nagaland	Cub	ST
39.	Abhijeet Kumar	Bihar	Juvenile	
40.	Abhinav Kishore	Bihar	Cub	
41.	Akshit Kumar Lal	Bihar	Cub	
42.	Anusweta Deb	Assam	Cub	
43.	Arpit Kumar	Bihar	Cub	
44.	Bhanu Prakash	Bihar	Cub	SC

45.	Debojit Prasad	West Bengal	Cub	
46.	Harsh Rajput	Bihar	Cub	
47.	Krishty Sarkar	Tripura	Cub	
48.	Piyush Kumar	Bihar	Cub	
49.	Rabijita Boruah	Assam	Cub	
50.	Raja Kumar Keshri	Bihar	Cub	
51.	Sagun Roul	A & N Islands	Cub	
52.	Soham Afroj	West Bengal	Juvenile	
53.	Supratim Chatterjee	West Bengal	Cub	
54.	Upasana Boruah	Assam	Juvenile	
55.	Vineet Kumar	Bihar	Youth	SC
56.	Kartikkumar Bagilavaidya	Karnataka	Juvenile	SC
57.	Lohith T D	Karnataka	Juvenile	SC
58.	Ranjan P	Karnataka	Cub	SC
59.	Vijaylaxmi. Biradar	Karnataka	Cub	
60.	Kushi . J	Karnataka	Cub	
61.	Mr. Anirudh Kulkarni	Karnataka	Juvenile	
62.	Talawar Kotresh	Karnataka	Youth	SC
63.	Nikhita H Ingalagi	Karnataka	Youth	ST
64.	Manikanth S Meti	Tamil Nadu	Juvenile	SC
65.	Pragati Ghatnur	Karnataka	Cub	SC
66.	Meena	Karnataka	Cub	ST
67.	M. Charan Sundar	Andhra Pradesh	Cub	SC
68.	J. Uma Sri Varshini	Andhra Pradesh	Cub	SC
69.	Dadichiluka Shiv HA	Andhra Pradesh	Cub	ST
70.	Megha Mohan	Kerala	Cub	SC
71.	Monesh	Karnataka	Cub	SC
72.	Deepa Ullegaddi	Karnataka	Cub	ST
73.	Akul Arvind Bhadrashe	Karnataka	Youth	ST
74.	Ambika B. Shetye	Goa	Cub	SC
75.	Kaushl Tulsidas Vasani	Surat (Gujarat)	Cub	SC
76.	Dr. Seema Gajera	Vadodara, Gujarat	Youth	SC
77.	Vasava Prem	Narmada (Gujarat)	Cub	ST
78.	Saanvi Yadav	Uttar Pradesh	Cub	
79.	Tej Chirag Shah	Godhra (Gujarat)	Youth	SC
80.	Shah Tulsi Balmukundbhai	Surat (Gujarat)	Cub	
81.	Pallavi Pandey	Vadodara, Gujarat	Juvenile	
82.	Bharambe Vraj	Vadodara, Gujarat	Youth	SC
83.	More Jay	Vadodara, Gujarat	Youth	ST
84.	Kanika Salaria	Vadodara, Gujarat	Youth	ST
85.	Icey patek	Vadodara, Gujarat	Youth	ST
86.	Shruti Patel	Vadodara, Gujarat	Youth	
87.	Marvadi Mahesh Sitarambhai	Vadodara, Gujarat	Youth	SC
88.	Rukaiya Shirohiwala	Vadodara, Gujarat	Youth	ST
89.	Deep R. Shah	Vadodara, Gujarat	Youth	
90.	Kishan Sanjaybhai Patel	Vadodara, Gujarat	Youth	
91.	Keyur Panchal	Vadodara, Gujarat	Youth	
92.	Gurukirat Kaur	Delhi	Cub	SC
93.	Anshika Singh	Delhi	Cub	
94.	Anjali Sharma	Delhi	Cub	
95.	Aditya Gupta	Delhi	Cub	
96.	Yogita Singh	A & N Islands	Cub	
97.	Pankhudi Singh	A & N Islands	Cub	
98.	K Shruti	A & N Islands	Cub	

INEX – 2022 (An International event)

The Fifth edition India International and Innovation Expo - INEX (2022) was organized at Ravindra Bhavan, Margaon, Goa under the patronage of IBS Global. Goa is a historical city with e-visa facility and many flights operate from International airport of Goa. India International and Innovation Expo - INEX (2022) organized by India Innovators Association (IIA) in Association with Network of Organization for Science and Technology Communication, Delhi under the NCSTC-Projects. The event was hosted by Goa Innovation Council, Goa Administration in collaboration with Don Bosco College of Engineering, Margaon, Goa and supported by various Ministries, Industry associations and premier R&D Institutes. Abstract of Research innovations best practices were released during the fair as part of knowledge sharing amongst IBS Global. Indian innovation eco-system has evolved since then, information is now available on IPR, fund, business plans etc. from several source. Still there is gap in connecting innovators to the market. In the current phase NOSTC and IIA actively working to connect global innovators to global markets. Showcasing Indian innovations in international fairs and bringing global innovations to Indian fair is part of this strategy.

The two-day event was held in the exhibition hall of Ravindra Bhavan located in Margaon, Goa and attended by about 3,000 visitors who spent on the average 2hrs in the fair. Innovators from various countries displayed their innovations.

NOSTC (Network of Organizations for Science and Technology Communication, Delhi) selected 33 student innovators for this international fair from out of 98 finalists at National competition that was supported by National Council for Science and Technology Communication, Department of Science and Technology, Government of India. They came from different parts of the country, including Gujarat, Nagaland, J&K, Bihar, Delhi, Maharashtra, Chhattisgarh, Karnataka, Andhra Pradesh and Telangana, Uttar Pradesh, Delhi, Kerala, Andhra Pradesh, Assam, West Bengal.

The fair was inaugurated on 17th November 2022 Shri Nilesh Cabral, Minister for Legislative Affairs, Environment, Law and Judiciary and Public Works Department, Govt. of Goa, inaugurated the INEX 2022. He visited each stall and asked keen questions about the displays by IYIC participants. Dr. J.M. Noronha, Chairman, Goa State Innovation Council, and Goa Public Service Commission took a keen interest in the exhibition and spent over two hours spread over two days. Dr. Martins Lewinson, Member Secretary, Goa State Council for Science & Technology and Waste Management, Goa, Er. Anuj Sinha, Chairman, NOSTC, President of Indian Innovators Association, Dr. A S Rao spent considerable time along with his team of scientists at the Fair. Dr. Praveen Arora, the Head, NCSTC-DST, Govt. of India was present on the day. He also visited all the stalls and interact with the innovators during fair. He spends 2 days' time. Whereas, Dr. Sujit Banerjee, Scientist 'F', NCSTC also present on the occasion also showed their keen interest and visited the exhibits. A special Lecture session on IPR was arranged for the participants of INEX 2022. Ms. Ananyaa Banerjee, from SS Rana & Co., Delhi delivered on it.

The Chairman Goa Innovation Council, Goa Administration, Shri J. M. Naronah, was Chief Guest at the Awards Function during Valedictory Session on 18.11.2022. Awards were given by the President IBS Global, Poland, NCSTC-DST officials Dr. Praveen Arora, Dr. Sujit Banerjee and NOSTC officials, Er. Anuj Sinha, Dr. D. K Pandey and Dr. Mrs. Kanak Lata. **Three Gold, 10 Silver and Twenty Bronze award were given to the IYIC participants** on the day. The event concluded with the thanks to the Chief Guest on the occasion. Show case achievements of all scientific departments including defence, agriculture, health, education, space, nuclear energy, etc.

Challenges met by scientist in renewable energy, environment and climate change, earth sciences, industry, transport, roads and bridges, etc. by government, universities and corporate entities and NGOs.

Stalls for academic and research opportunities in universities and laboratories,

Theme pavilion of Science Communication Turning Points with video films, interactive panels, coffee table book, etc.

Display of innovative efforts/best practices by members of NOSTC, research and academic institutions.

Activity stalls for visitors, competitions for college students, health check-up, etc.

Entertainment rides

IYIC - SELECTED PARTICIPANTS

Sl No	Name of Participants	Online (Virtual) 17th November 2022	Offline (Physical) 17th Nov.& 18th Nov. 2022	State	ST/SC/OB C/Gen	Awards achieved
1	Harsh Bajpai	--	Physical	Madhya Pradesh	Gen	Gold
2	Hitika Mathur	Virtual	--	Uttar Pradesh	Gen	Silver
3	Aryan Harlalka	--	Physical	Chhattisgarh	Gen	Silver
4	Navya Agrawal	--	Physical	Rajasthan	Gen	Bronze
5	Tarapreet	--	Physical	Haryana	SC	Silver
6	Jiya Thakur	Virtual	--	Himachal Pradesh	Gen	Bronze
7	Saanvi Nagpal	--	Physical	Delhi	SC	Bronze
8	Livino Yesca	Virtual	--	Nagaland	ST	Bronze
9	Vijaylaxmi Biradar	--	Physical	Karnataka	ST	Bronze
10	J. Uma Sri Varshini	--	Physical	Andhra Pradesh	ST	Bronze
11	Arpit Kumar	--	Physical	Bihar	SC	Bronze
12	Saanvi Yadav	Virtual	--	Uttar Pradesh	OBC	Bronze
13	Kaushl Tulsidas Vasani	--	Physical	Surat, Gujarat	OBC	Silver
14	Yogita Singh	--	Physical	A & N Islands	Gen	Bronze
15	Anusweta Deb	--	Physical	Assam	Gen	Silver

16	Hajis Shahz	--	Physical	Jammu & Kashmir	Gen	Bronze
17	Akshit Kumar Lall	--	Physical	Bihar	Gen	Silver
18	Raja Kumar Keshri	--	Physical	Bihar	OBC	Gold
19	Megha Mohan	--	Physical	Kerala	SC	Silver
20	Prince Kumar	--	Physical	Uttar Pradesh	SC	Bronze
21	Bhajanpreet Kaur	--	Physical	Punjab	SC	Bronze
22	Upasana Boruah	--	Physical	Assam	Gen	Silver
23	Divyanshi Chourasia	--	Physical	Madhya Pradesh	OBC	Bronze
24	Emant Jhunhunwala	Virtual	--	Delhi	Gen	Bronze
25	Uma Tamang	Virtual	--	Meghalaya	ST	Bronze
26	Vineet Kumar	Virtual	--	Bihar	SC	Bronze
27	Talawar Kotresh	--	Physical	Karnataka	SC	Bronze
28	Dr. Seema Gajera	--	Physical	Vadodara, Gujarat	Gen	Gold
29	Kanika Salaria	--	--	Vadodara, Gujarat	SC	Bronze
30	Deep R. Shah	Virtual	--	Vadodara, Gujarat	SC	Bronze
31	Bhumika Singh	Virtual	--	Chhattisgarh	Gen	Silver
32	Aryan Prasad	--	Physical	Uttar Pradesh	SC	Bronze
33	Lohit T.D	--	Physical	Karnataka	ST	Bronze
34	Monesh	--	Physical	Karnataka	ST	Bronze
35	Kartik Kumar Bagiavaidya	--	Physical	Karnataka	SC	Silver
36	Raunak Parakh	--	Physical	Delhi	Gen	Bronze

Agriini (Exhibition on 75 Years of Science and Technology):

5 Show case achievements of all scientific departments including defence, agriculture, health, education, space, nuclear energy, etc.
Challenges met by scientist in renewable energy, environment and climate change, earth sciences, industry, transport, roads and bridges, etc. by government, universities and corporate entities and NGOs.
Stalls for academic and research opportunities in universities and laboratories,
Theme pavilion of Science Communication Turning Points with video films, interactive panels, coffee table book, etc.
Display of innovative efforts/best practices by members of NOSTC, research and academic institutions.
Activity stalls for visitors, competitions for college students, health check-up, etc.
Entertainment rides
Stalls for sale of handicraft items, books, laboratory equipment and food stalls

NOSTC will also identify leading schools in NCR to select and send students of Classes X and XI for these sessions and facilitate the sessions. Each student and each scientist will log in 100 hours over the period.

Expected Out Come:

1. Raise awareness of the importance of science
2. Enroll leading scientists in science outreach programmes
3. Building of confidence among the students to opt science as a career and that can benefit them and society in long run.

(E) Proposal for Delhi CSC 2022 including Teacher orientation Workshops.

- Proposal for Children's Science Congress has submitted to NCSTC-DST, GoI for Financial Support. The proposal was presented by Shri Jai Inder Singh the Co-PI of the Project with Academic coordinator Shri M.S Dhama.
- The proposal is under consideration. Waiting for the result. However the programme is already been started in the Delhi. i.e Zonal Conveners Workshop, Teachers Workshop with the help of Education Department.

(F) Website of NOSTC:

- The website of NOSTC with its URL www.nostc.in was launched on 29th December, 2017 at Science City Campus, Ahmedabad during General Body meeting of NOSTC. This website is also prepared with the help of NIVIDA Web Solution Vadodara without any cost with the maintenance of one year. After completion of one year the website was renewed and running well.