

Achievements of 2018-19, 2019-20, 2020-21 (Till December, 2020)

Science Communication & Science Popularization

Year 2018-19

1. Sci-Connect Programme

A. Launch Programme

“Sci-Connect” is a program devised by the Vigyan Prasar especially for the children of North-Eastern States i.e. Assam, Mizoram, Nagaland, Tripura, Manipur, Sikkim, Meghalaya and Arunachal Pradesh. The main objective of the program is to sensitize the young children of upper primary and secondary level towards the science in day to day life. The children should practice method of science from childhood. Vigyan Prasar decided to devise the program with all Science and Technology Councils of North-Eastern States of India.

Sci-Connect 2018 project for all the NE states was launched at Agartala on April 10-11, 2018 by the Hon'ble Minister for S,T & E of Tripura where Senior Scientists of Govt. of India and Resource Persons from all over the country participated along with officials of S&T Councils of NE states.

B. Final Programme

Final of Sci-Connect 2018 was organized on October 3-5, 2018 at Agartala. Top 3(three) students of 8(eight) NE States (in total 24 students) participated in the final of Sci-Connect 2018. Hon'ble Minister for S, T & E of Tripura was present as Chief Guest during Valedictory & Prize Distribution programme. Principal Secretary & Director of S, T & E, Sr. Scientists of DST, Govt. of India, along with officials of TSCST were also present during the programme. Students of Assam, Mizoram and Tripura got the 1ST, 2ND& 3RD positions during the Final among the other NE states.

2. Inter School Science Drama Competition

This event was organized at District (8 districts) and State level (1) among the School students of the State. More than 100 school science dramas have been performed during July-September, 2018 throughout the State. The state level competition with 8 best teams of 8 districts organized by Council on September 18-19, 2018 at Muktheadhar and Sukanta Academy, Auditorium of Agartala and it was inaugurated by Hon'ble Minister for S, T & E of Tripura. Paharmura Class XII School participated in the NE Zonal Competition on October 26, 2018 at Guwahati and got the 2nd position there and after that they participated in National Competition at New Delhi.

3. Children Science Congress

Tripura Science Forum in association with TSCST& School Education Deptt. organized this event in our state at Sub-division, District and State level. The best team of state level got chance to participate in National Level Children Science Congress. In 2018, Sub-division levels organized during May-July at all the subdivisions, District level during August-September and

Final organized on October 9-10, 2018. The best team of Tripura participated at National level on December 27-30, 2018 at Bhubaneswar, Orissa.

4. Junior Mathematical Olympiad (JMO)

Tripura State Council for Science & Technology (TSCST) is organizing Junior Mathematical Olympiad (JMO) for the students of class VIII jointly with Tripura Mathematical Society (TMS) every year since 2007. This year JMO organized on November 11, 2018 throughout the state. More than 4,000 students participated in this event this year.

5. National Mathematics Day

The National Mathematics Day-2018 was observed on December 22, 2018 at Netaji Subhash Vidyaniketan, Agartala jointly with Tripura Mathematical Society to commemorate the life & works of Mathematics genius Srinivasalyengar Ramanujan. National Mathematics Day also observed at all the Subdivisions also.

6. Memorial Lecture Programme on Prof. S. N. Bose

Memorial Lecture Programmes on "Life & Works of Prof. S.N. Bose" organized at Rabindra Satabarshiki Bhawan, Agartala on January 16, 2019 and at Bhagini Nibedita Girls' H. S. School, Udaipur on January 17, 2019 for the benefits of the students of our state. Dr. Abhijit Chakraborty of Burdwan University was present as keynote speaker. More than 1000 students participated in these two programmes.

7. Seminar on the occasion of "National Mathematics Day" at MBB College

"Mathematics for Life", a seminar on the occasion National Mathematics Day organised by Council in collaboration with MBB College on January 18, 2019 at Science Building of MBB College, Agartala. The seminar was inaugurated by the Hon'ble Minister for S, T & E. Prof. Gautam Basu, Vice Chancellor of MBB University was present as Key Note Speaker. Shri S. Singh, Special Secretary & Shri A. Das, Director of DST&E, Dr. S Rakshit, Principal of MBB College were present during the seminar. Large number of students and faculty members of MBB College attended the said seminar.

8. Solving Mass Hysteria case at Thalibari, Kathalia Block, Sonamura

On 30th January, 2019 a whole tribal family at Thalibari village of Kathalia block in Sonamura started behaving abnormally. This created panic in the area. A team of science activists and officials led by Shri Ayan Kr Saha, Demonstrator visited the spot on 30th January itself. After hours of successful counselling the abnormal behaviour of the 10-12 family members were normalized.

9. Workshop on Innovative Experiments on Physics for Classroom Teaching

Workshop on Innovative Experiments on Physics for Classroom Teaching organized on February 19-22, 2019 at Pragna Bhabhan (Hall-II), Agartala. The programme jointly organised by Tripura State Council for Science & Technology and Vigyan Prasar, DST, Govt. of India. More than 60 Physics teachers of different districts of Tripura participated in the event. The seminar was inaugurated by the Hon'ble Minister for S, T & E of Tripura in presence of Secretary, DSTE and Director, DSTE. Scientists from Vigyan Prasar were present as Resource Persons.

10. Brainstorming Workshop on Kokborok Radio Serial on 'Traditional Knowledge of Tripura':

Vigyan Prasar, Department of Science & Technology, Govt of India sanctioned a project on 'Kokborok Radio Serial on 'Traditional Knowledge of Tripura'. The main aim of the project is to produce and broadcast 26 episodes of Kokborok Radio serial on 'Traditional Knowledge of Tripura'. As a part of the project activity, one Brainstorming Workshop was organised on February 20, 2019 at Pragna Bhawan, Hall No. 3, Gorkhabasti, Agartala to finalize the topics/sub-topics of the Kokborok Radio serial.

11. National Science Day (NSD)

Central programme of NSD-2019 held on Feb 28, 2019 at Auditorium of Sukanta Academy, Agartala, Tripura which is inaugurated by the Hon'ble Minister of S, T & E of Tripura. Dr. Bidyut K Bhattacharyya was present as Key Note Speaker. As a part of the said programme an Exhibition was also organized where large number of students of Higher & Technical Education participated with their Exhibits. The theme for NSD-2019 was "Science for the People and People for Science".

12. Innovation Hub

Setting up of Innovation Hub completed at Sukanta Academy, Agartala. It provides facilities to nurture new ideas and help to develop inquisitive perspective in youths of today.

Facilities at the Innovation hubs

- Discovery Hall
- Innovation Resource Centre and Hall of Fame
- Idea Lab
 - Thod Phod Jod (Break & Remake) Corner
 - Kabad Se Jugad (Build from scraps)
 - Idea Box
- Design Studio

Year 2019-20

13. Inter School Science Drama Competition

This event organized at District & State Level during the July-September jointly with Department of School Education, Govt. of Tripura. More than 150nos. of Science Drama performed during the competition. State level organized on September 16, 2019 at Sukanta Academy. Dharmanagar Govt. Girls' H.S. School got the first position and participated in the NE Zonal Science Drama Competition. They got the joint first position in the NE Zonal and also participated in the National Level Science Drama Competition.

14. Solving serial unknown fire incident case in Debipur, Belonia

During 3rd week of August, 2019 serial cases of fire incidents occurred in the house of Sri Biswajit Baidya of Debipur village, Belonia. The cause of the fire incidents was unknown to the family members. A team of science activists led by Shri Ayan Kr Saha, Demonstrator visited the place to inspect the matter. It was found that one family member was responsible for the fire incidents and there was nothing miraculous. No fire incident occurred after the visit.

15. Children Science Congress (CSC)

CSC organized jointly by Tripura Science Forum with TSCST and School Education Deptt. At Subdivision, District and State level. Sub-division & District level organized during July-September, 2019. State level organized on October 19-21, 2019 on the theme "Science, Technology and Innovation for a Clean, Green and Healthy Nation".

16. Junior Mathematical Olympiad (JMO)

JMO organized on February 2, 2020 at all the Sub-divisions of Tripura for the Students of Class-VIII jointly by TSCST and Tripura Mathematical Society. More than 5000 nos. of Students participated in this event.

17. Special Science Communication Campaign against Superstition:

A project on 'Special Science Communication Campaign at selected KGBV/Girl's Hostel, Ganganagar under Dhalai District in Tripura to eradicate superstition/misbelief' was undertaken by Tripura State Council for Science & Technology under the funding support of Samagra Siksha Abhiyaan (SmSA), Department of School Education, Government of Tripura. As a part of the project activity one Brainstorming workshop was organised on August 27, 2019 at Ganganagar Community Hall to eradicate superstition/misbelief.

18. College Science Forum: Till date, TSCST have formed 33 (thirty three) College Science Forums in the Institutes of Higher & Technical Education of Tripura.

19. 'Meet the Scientist' programme on the theme 'Evolution of Chemistry'

Tripura State Council for Science & Technology in collaboration with Gomati District Science Forum organized Meet the Scientist Programme for scientific awareness of the students on February 7, 2020 at 12.30 PM at Town Hall, Udaipur, Gomati District. Prof. Gautam Basu, Eminent Scientist and popular science writer from Bose Institute, Kolkata delivered a lecture on the topic '**Changing Face of Chemistry: From Alchemy to Modern Multidisciplinary**

Science'. Hon'ble Deputy Chief Minister Shri Jishnu Dev Varma was present as Chief Guest in that programme. More than 500 students attended the programme.

20. Nature Activity Camp for Children to Understand the Dynamics of Nature

This event was organized on February 11-14, 2020 at SBS Youth Hostel, Agartala targeting School Students and Teachers of the State. This event was jointly organized by TSCST and VigyanPrasar, DST, GOI. The event was inaugurated by Shri Jishnu Dev Varma, Hon'ble Deputy Chief Minister of Tripura. More than 60 school students and teachers participated in this camp.

As a follow-up this event a Hydroponics Garden is being developed at Sukanta Academy, Agartala.

21. National Science Day (NSD)

The theme selected by DST, Govt. of India for NSD-2020 is "Women in Science". Central programme on NSD 2020 was organized at Sukanata Academy, Agartala on February 28, 2020 jointly with Institution of Engineers. Dr. Shaon Raychaudhury, Associate Professor of Department of Microbiology, Tripura University was remain present as keynote speaker on the theme.

22. Student Project Programme

The 3rd Student Project Programme was organized on March 4-5, 2020 at SBS Youth Hostel, Agartala, Tripura with the theme '*Science & Technology for Sustainable Rural Development*'. The main competitions were organized in 2(two) separate groups viz., Group: A - for Undergraduate/Diploma Students & other categories of students of Technical Institutes and Group: B - for Post Graduate Students. In the technical sessions projects were presented followed by question answer sessions. Great enthusiasm was seen among the students during the whole programme. In total 19 Institutes of Higher & Technical Educations of Tripura participated in the said programme. Out of all the projects 9 (nine) best projects were awarded during the valedictory session of the programme.

23. Awareness Generation about communicable diseases through Puppet Show in rural areas of Gomati District in collaboration with Gomati District Science Forum:

Puppet Show in Kokborok language on superstition & misbelief and awareness on Malaria & Diarrhoea was organized at 12 places of Gomati district in the month of March 2020. The decorated mobile van was flagged off by Shri Swapan Adhikari, Sabhadhipati Gomati Zilla Parishad on 4th March, 2020. The programme got massive response from rural people.

Year 2020-21 (till December, 2020)

24. 10TH National Science Film Festival of India (NSFFI)

This event was organized jointly by Vigyan Prasar, DST, GOI and TSCST on November 24-27, 2020 through online platform. The event was inaugurated by Shri Jishnu Dev Varma, Hon'ble Deputy Chief Minister of Tripura. More than 300 Science films have been submitted for this event out of which 116 nos. films have been nominated for the event. Earlier the event was scheduled to be held on March 18-22, 2020 at Agartala, but it was postponed due to COVID-19 worldwide pandemic.

25. National Webinar on National Mathematics Day-2020

National webinar on "National Mathematics Day" organized on December 22, 2020 on the occasion of 133rd birth anniversary of great mathematician Srinivas Ramanujan. The said webinar was organized jointly by Tripura Mathematical Society and TSCST through Google meet online platform.

26. Innovation Hub

Recruitment of manpower of Chief Mentor and Mentors has been completed for Innovation Hub. This will be inaugurated and made open to students & common masses shortly.

27. Udaipur Science Centre

The Udaipur Science Centre has been set up by the National Council of Science Museums, Ministry of Culture, Govt. of India with a total cost of Rs.6 crore. Udaipur Science Centre having a built-up area of approx. 1840 sq.mt. including following facilities –

- Fun science gallery
- Thematic gallery on Traditional Knowledge of Tripura
- Activity corner for Science demonstration lecture
- Inflatable dome planetarium
- Science park with 30 exhibits
- Auditorium

All works including setting up of exhibits at Udaipur Science Centre has been completed. It will be inaugurated soon.