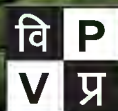




Sci-Connect 2018

(Nurturing Young Talents of North-East on Science)



Vigyan Prasar

(An autonomous institution of the Department of Science & Technology,
Government of India)

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Sci-Connect

(Nurturing Young Talents of North-East on Science)

About Sci-Connect

“Sci-Connect” Connecting Science with Young Talents with science: is a program initiated by the Vigyan Prasar especially for children in North-Eastern States of India, i.e., Assam, Mizoram, Nagaland, Tripura, Manipur, Sikkim, Meghalaya and Arunachal Pradesh.

Objective:

The main objective of the program is to sensitise young children in upper primary to secondary levels about science in daily life. This is to help them practice the method of science from their childhood. The programme will also help children in remote areas to showcase their talents and innovative ideas. Vigyan Prasar will provide a set of films to each school through the respective State Science and Technology Council. The participating schools will register themselves with the State Science and Technology Council for getting the resource materials (films).



The program will be organised in 4 stages:

- Screening of films
- District Level Science quiz
- State Level Quiz
- Regional Level Quiz

Stage I: Screening of science films produced by Vigyan Prasar will be organised at all registered schools.

Stage II: From the content of screened films, a selection test in written format will be organised at all participating/registered schools. Fifteen participants will be selected from each State for the next level.

Stage III: The selected 15 participants for the stage II will be invited to the State level. Five teams of three students each will be formed, and a Quiz show will be organised. This quiz show will also be telecast through regional DD Kendras. One best team, comprising three students will be selected for the next level from each State.

Stage IV: One team from each State will be invited for the final round, and best three teams will be selected for the award.



Eligibility:

Screening of films is open for all school children. Students of classes 8-9 are eligible to participate in the Science Quiz Competition.

Language of Programme:

English

Syllabus for Screening Test

The test will be based on CBSE/State syllabus. The screening examination will be of 100 Objective type multiple choice questions.(60 from films and 40 from syllabus). The exam will have negative marking of -0.25 on every wrong answer and 1 mark on every right answer. These films can also be downloaded from Vigyan Prasara youtube page “vigyanprasara”.



Awards and prizes

State Level

Each student of 1st Team at State level

Each student of 2nd Team at State level

Each student of 3rd Team at State level

For Final Round at Regional Level

Each student of 1st Team in final Rs.5000/- Cash

Each student of 2nd Team in final Rs.3000/- Cash

Each student of 3rd Team in final Rs.2000/- Cash

Screening of films

There are 33 films each of 24-27 minutes duration in English on such subject areas as Biology, Physics, Maths, General Science and Chemistry. These films will be provided in sets of 3 DVDs with this information brochure. These films can also be downloaded from Vigyan Prasara youtube page “vigyanprasara”.

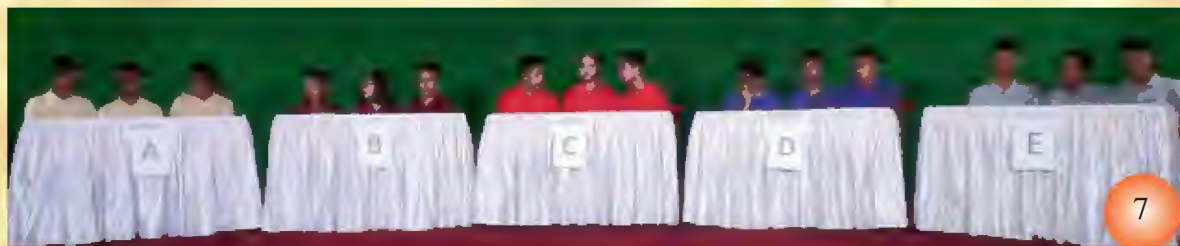


The details of the episode are as follows:-

No.	Episode Title	Subject
1.	Network Theory	Maths
2.	Probability	Maths
3.	The Calculus Enigma	Maths
4.	Play up! Play up! Play the Game	Maths
5.	Number Sense	Maths
6.	IN SEARCH OF X- The Magic of Algebra	Maths
7.	Infinity	Maths
8.	S. N. Bose	Physics
9.	Acoustics Technology in Conservation of Ganges River Dolphin	Physics
10.	What Is The Large Hadron Collider?	Physics
11.	What Does A Supercomputer Do?	Physics
12.	The first modern Indian Scientist: Acharya Jagadish Chandra Bose	Physics
13.	Day time Astronomy	Physics
14.	How Does A Radio Telescope Work?	Physics
15.	Low Cost Physics Experiments- Part I	Physics
16.	Low Cost Physics Experiments- Part II	Physics
17.	Low Cost Physics Experiments- Part III	Physics
18.	DNA as Detective	Chemistry and Biology



No.	Episode Title	Subject
19.	How Do Insects Fly?	Chemistry and Biology
20.	Pepper: CALL OF THE CORN	Chemistry and Biology
21.	Ginger : Wrinkled Truth,	Chemistry and Biology
22.	The voice of life Acharya Jagadish Chandra Bose	Chemistry and Biology
23.	Drinking water and chemistry	Chemistry and Biology
24.	Chemistry in kitchen	Chemistry and Biology
25.	World of Chemistry	Chemistry and Biology
26.	Weathering Heights Anna Mani	General Science
27.	Sir Mokshagundam Visvesvaraya: The Grand Visionary	General Science
28.	Achievements of IMD	General Science
29.	Relativity	General Science
30.	ICT in Banking	General Science
31.	ICT in Social Change	General Science
32.	Chilli : SPOONFUL OF PAIN	General Science
33.	MUSTARD: SPUTTER & SMASH	General Science



Important Dates*:

Registration of Schools	up to 25th May 2018
Screening of films	June 2018
Screening Examination-Objective Type Paper	July 2018
State level Science Quiz-Live Quiz Contest (Stage-II)	August 2018
Final Quiz Competition	September 2018

* The above is a tentative schedule and the final schedule will be informed in consultation with the State Science and Technology Council.

In the Second level to be held in Aizwal & Gangtok and Third level to be held in Agartala, all the participants will be invited by Vigyan Prasar/ State Science and Technology Council and their travel and accommodation costs will be covered by the Council.



List of participating organisation & their contact details:-

<p>Arunachal Pradesh Shri Chau Dhanya Mungyak Director cum Member Secretary Arunachal Pradesh State Council for Science and Technology Department of IT, Science and Technology Government of Arunachal Pradesh, ESS-Sector, Maung Phi Complex Itanagar – 791113 Arunachal Pradesh</p>	<p>Mizoram Dr Lallianthanga Chief Scientific Officer/ Member Secretary Mizoram Council of Science and Technology Secretariat, Block C, Govt. of Mizoram Aizwal - 796001, Mizoram Phone : 0389-2323159 Fax No. : 0389-2301787 Email : cso.dst-miz@gov.in</p>
<p>Nagaland Dr. Zavei Hiese Member Secretary Nagaland Science & Technology Council (NASTEC) Directorate of Science & Technology, Science & Technology Complex, Below Civil Secretariat Kohima – 797004 , Nagaland</p>	<p>Manipur Th. Surendranath Singh Executive Director Manipur Science & Technology Council, Science & Technology Complex, Takyelpat Imphal - 795001, Manipur Phone : 385-2443451 Fax No. 385-2460037 Email : thsuren@ymail.com</p>



List of participating organisation & their contact details:-

Meghalaya

Member Secretary

State Council of Science & Technology and
Environment

Meghalaya Lower Lachumiere

Shillong - 793001, Meghalaya

Phone : 0364-2223795

Fax No.036-2225470

Email : stcellmegh@gmail.com

Tripura

Er. Nataraj Datta

Member Deputy Secretary

Tripura State Council for Science & Technology

1st Floor, Vigyan Bhawan

Pt. Nehru Complex, Gorakhabasti

Agartala - 799006, Tripura

Phone : 0381- 2301365 Fax No. 0381-

2301365

Sikkim

Shri Anil Mainra

Secretary (S&T) and Member Secretary

Department of Science & Technology

Sikkim State Council of Science & Technology

Development Area,

Gangtok-737101, Sikkim

Phone : 03592-205551-228699, 2015360

Fax : 208764

Email : anilmainra@gmail.com



Registration Form*

Name of Student:

Sex:..... Male Female

Date of Birth:

Name of School:

Student Address and contact number:

.....

Coordinating Teacher's Name:

Address and contact number:

Iof class age..... wish to register myself as participant for the Sci-Connect program. I will abide all the rules regulations of the competition.

Place:

Signature of Student

Date:

.....
* The students of Assam submit their form for registration directly to sciconnect2017@gmail.com





Vigyan Prasar

Vigyan Prasar(VP) is an autonomous organisation under the Department of Science and Technology established in 1989. The objectives of VP are to take up large-scale science popularization tasks/activities and serve as a resource-cum-facility centre for S&T communication. Science on Television (SOT) thrust of Vigyan Prasar is involved in promoting science and technology content through television. Programmes are telecast through Doordarshan, DD-regional Kendras, Loksabha TV and Rajyasabha TV. Vigyan Prasar also covers Indian achievements in science and technology through its popular weekly science news programme Science Monitor/ Gyan Vigyan and telecast through Rajyasabha TV since last five years. These programmes may also be seen on Vigyan Prasar youtube page “vigyanprasaryt”. For other programmes and activities, please visit our website www.vigyanprasar.gov.in

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