





National Children's Science Congress is a flagship programme of National Council for Science and Technology Communication (NCSTC), Department of Science & Technology (DST), Government of India. It is an inclusive programme open to children of the age group from 10-17 years covering all background either school going or out of school system, belonging to geographic, language and cultural regimes across the country and open to all children including children with disabilities. The prestigious national academic event is held every year during 27<sup>th</sup> to 31<sup>st</sup> December. It is a platform for children to carry out small research activities at micro-level. The NCSC encourages a sense of discovery and/or innovativeness in addition to learning application of methods of science. It emboldens the children to question many aspects of progress and development around and can also express their findings in their own choice of language. It encourages the children to think critically and rationally to draw logical conclusions.

27<sup>th</sup> National Children's Science Congress is hosted by Kerala State Council for Science, Technology and Environment (KSCSTE), Government of Kerala during 27<sup>th</sup> to 31<sup>st</sup> December 2019 at Mar Ivanios Vidya Nagar, Nalanchira, Thiruvananthapuram, the state capital of Kerala in association with Mar Ivanios College and Mar Baselios College of Engineering and Technology

### Focal Theme

The focal theme for 27<sup>th</sup> National Children's Science Congress is **"Science, Technology and Innovation for a Clean, Green and Healthy Nation"**., comprising with following sub themes

- Ecosystem and Ecosystem Services
- Health, Hygiene and Sanitation
- Waste to Wealth
- Society, Culture and Livelihoods
- Traditional Knowledge Systems (TKS)

### Venue

The venue of 27<sup>th</sup> National Children's Science Congress is Mar Ivanios Vidya Nagar which is one of the most beautiful hillocks in the city of Thiruvananthapuram with an extent of about 130 acres of land, housing a number of educational and other institutions. The sprawling campus, blessed with natural beauty and learning ambiance, is studded with various centers of excellence in education.



## 27 NCSC

The 27<sup>th</sup> edition of National Children's Science Congress will be from 27<sup>th</sup> to 31<sup>st</sup> December 2019 with following events

Procession in traditional attire by Child Scientists & Pledge by Child Scientists.

Each State will march to the venue with traditional attire of respective states followed by a Flag Hosting, Pledge and Inaugural Session.

## Technical Sessions

The child Scientists will make presentation in 12 Venues from 27<sup>th</sup> to 29<sup>th</sup> December 2019. Children can carry out and present their project in any schedule language or any language which is recognized as medium of education by the respective State Government or Central Government in India. Maximum time allotted for oral presentation is 8 minutes but for the children with disability that might be relaxed.

## Teacher's Workshop

The escort teachers will be attending workshops handled by experts from different parts of the country. These science workshops will be Creative Science Teaching – Learning, hands-on experience, Fun Chemistry, Hands-on Workshop on environment education, Science is Fun etc.

## Activity Corner

A science activity corner for the students will be arranged venue with resource persons from all over India. The activity corner will have activities such as Creative Science Learning, Hands-on Science etc.

## Science Exhibition

Science Exhibition will be organized with scientific / educational institutes, R&D laboratories and Innovation Centres. This is to ensure the presence of local academic community and children during the event. Exhibition is open to public.

## Meet the scientist programme

Eminent Scientists will be invited to conduct interactive sessions among students and teachers during the NCSC programme. Each session will be attended by the participating students as well as escort teachers.



## Cultural evening

Cultural evenings showcasing the diverse art of various states will be arranged during the National Children's Science Congress 2019.

### 27-12-2019

Procession in traditional attire by Child Scientists  
Pledge by Child Scientists  
Inaugural Session  
Technical Sessions  
Teacher's Workshop  
Meet the Scientist Programme  
Cultural Evening

### 28-12-2019

Technical Sessions  
Teacher's Workshop  
Meet the Scientist Programme  
Cultural Evening

### 29-10-2019

Technical Sessions  
Teacher's Workshop  
Meet the Scientist Programme  
Cultural Evening

### 30-12-2019

Techno Tour for Child Scientists  
Meet the Scientist Programme  
Cultural Evening

### 31-12-2019

Valedictory Session

## Kerala

Kerala is a state situated in the southwestern end of the Indian subcontinent. Kerala has a long history of art and cultural heritage and foreign trade with other countries. The state with the highest literacy rate in India, is noted for its achievements in education, health, gender equality, social justice, law and order. Geographically, Kerala lies between the Arabian Sea in the West and the Western Ghats (Sahyadris) in the East and networked by 44 interconnected rivers. Kerala is the only State in India which has its own internationally renowned Research and Development centers.

Kerala is also India's most idyllic state, better known as Gods Own Country, is today one of the most sought after tourist destinations in India. Secluded beaches, palm-fringed backwaters, mist-clad hill stations, lush tropical forests, cascading waterfalls, exotic wildlife, majestic monuments, fine art forms and enchanting festivals give it a distinctive charm

## Weather

Kerala experiences a tropical climate. During the last week of December the weather in Thiruvananthapuram remains normal and comfortable, anticipated temperature will range from 22°C to 32°C, in fact, weather turns more enjoyable during December.

## Distance Chart

- **Thiruvananthapuram International Airport- 10 km**
- **Thiruvananthapuram Central Railway station- 8 km**
- **Kochuveli Railway Station- 9 km**
- **Thiruvananthapuram Central Bus-station- 8 km**

## Kerala State Council for Science, Technology and Environment (KSCSTE)

The Kerala State Council for Science, Technology and Environment (KSCSTE) is an autonomous body under the Department of S&T, to be an agency for change and development through Science and Technology.

The council promotes and activates programmes for increasing the stock of knowledge in science, and fine tunes policies which are significant and for the sustained development of humanity. The council prepares the road map for development through scientific research and innovation in technologies, achieving excellence in basic research, academia-industry interactions, strengthening indigenous initiatives, and building strong infrastructure and developing a high quality science education system in the state are our targeted goals. This has been achieved through various schemes and programs and by the 7 R &D organisations established by the council.

## Mar Baselios College of Engineering and Technology

Mar Baselios College of Engineering & Technology (MBCET), established in 2002, offers five B.Tech Programmes besides seven M.Tech Programmes. The college is an approved Research Centre under the APJ Abdul Kalam Technological University. MBCET is accredited by NAAC with 'A' grade and all the B Tech programmes are accredited by National Board of Accreditation (NBA), since 2016. With its motto Duc in Altum (Leading to the Heights of Excellence) the college strives to transform the youth as technically competent, ethically sound and socially committed professionals.

## Mar Ivanios College

Mar Ivanios College is a premier educational institution established in 1949. The college is ranked in NIRF as 29th best college in the country by MHRD, Government of India and accredited at A+ level by NAAC in the fourth cycle. The college offers 15 degree programmes and 8 post-graduate programmes and has established six Research Centres attached to the Departments of English, Mathematics, Physics, Chemistry, Zoology, and Commerce. The College has been conferred with Autonomy status by the University Grants Commission with effect from 13<sup>th</sup> June 2014.



### Chairman - 27<sup>th</sup> National Children's Science Congress

**Dr. K.P. Sudheer**

Principal Secretary, S&T Department &  
Executive Vice President, KSCSTE

### Chairman - Organising Committee

**Dr. S. Pradeep Kumar**

Member Secretary, KSCSTE

### Convenor - 27<sup>th</sup> National Children's Science Congress

**Dr.P. Harinarayanan**

Principal Scientist, KSCSTE

### Address for Communication

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