



GLOBAL  
**SCIENCE  
FESTIVAL**  
KERALA

Image from the  
Curtain raiser event  
of GSKF on 5<sup>th</sup> December  
at Kanakakkunnu Palace,  
Thiruvananthapuram

**Overview**



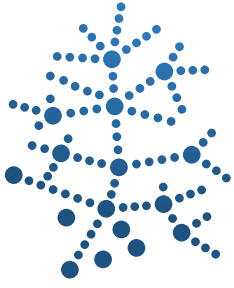
Department of Science  
and Technology  
Govt. of Kerala



Kerala State Council for  
Science, Technology &  
Environment

AMUSEUM

Amuseum ArtScience  
Thiruvananthapuram



# GSFK

## WHY?

To foster a culture of appreciating science and to examine its strengths and weaknesses

## WHAT?

A curated science festival that explores Science through Art

## FOR?

Festival Attendees, Art Lovers, Science Enthusiasts, Scientists, Students

## WHEN?

**January 15 - February 15, 2024**

## WHERE?

**Bio 360 Life Sciences Park,**  
Thonnakkal,  
Thiruvananthapuram, Kerala

## HOW?

Bookings Open Now at  
[www.gsfk.org](http://www.gsfk.org)

A journey to experience what is...

# Known and to be Known

# SCIENCE EXHIBITION

From the origin of the **Universe**  
to the divergence of **Life**

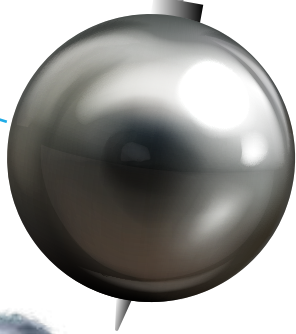
Thematically **Curated**  
A meticulously crafted story experience

Artistically **Designed**  
An experience built from the ground up by over 200 artists

Retrace our collective past, step into a panoramic **Universe**, and climb aboard the **HMS Beagle** to celebrate Darwin's Legacy.

Understand **What Makes Us Human**

Featuring immersive experiences and internationally renowned artworks, such as the **Museum of the Moon & Mars**, a transcendental experience awaits you at GSKF.



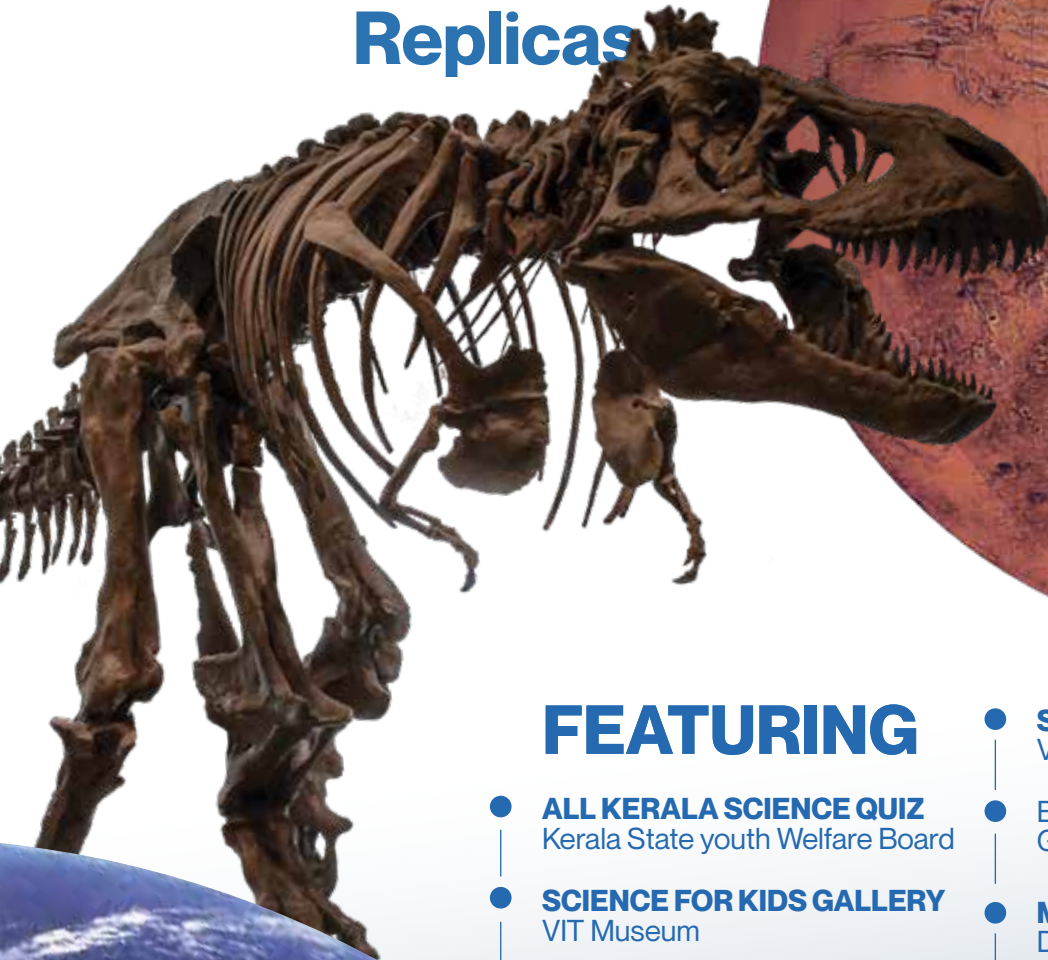
**FOUCAULT  
PENDULUM**  
The Discovery  
of Earth's Spin



Walk Alongside  
**Our Ancestors**

Why  
the Sky is  
**Blue?**

## Life-Size Replicas



## EXCLUSIVE FESTIVAL EXPERIENCES

**Immersive Experience**  
*Human Conflict*

**Virtual Reality Experiences**  
*Cell, Cosmos*

**Interactive Deep Learning**  
*Cognition*

**Digital Experience**  
*The International Space Station*

Mars Installation by  
**Luke Jerram**

## FEATURING

- **ALL KERALA SCIENCE QUIZ**  
Kerala State youth Welfare Board
- **SCIENCE FOR KIDS GALLERY**  
VIT Museum
- **OUTREACH PROGRAMMES THROUGHOUT KERALA**
- **SEEDS OF CULTURE EXHIBITION**  
VIT Museum
- **ENERGY IN TRANSITION**  
German Federal Foreign Office
- **MOLECULAR ANIMATION**  
Dr. Drew Berry, Artist
- **WATER MATTERS EXHIBITION**  
U.S. Consulate General, Chennai  
Dr. Douglas Herman
- **DOLL MUSEUM**  
Kerala State Council for Child Welfare

## Wax Sculptures



## Night Skywatch

A celestial night stay  
at the venue

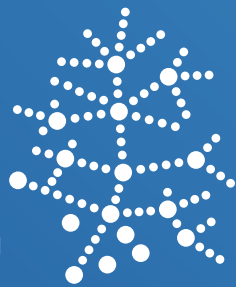




Inauguration by  
**Shri. Pinarayi Vijayan**  
Hon. Chief Minister of Kerala  
**January 15<sup>th</sup>, 2024**  
**6:00 PM**

Followed by Cultural events





# Talks and Conferences

Jan  
**16**



- **05:00 pm: D. Krishna Warriar Memorial Lecture by AASTRO Kerala**

Speaker: Dr. **Madhulika Guhathakurtha**, NASA

Dr. Madhulika Guhathakurtha is an American astrophysicist and scientist with NASA's Heliophysics Science Division. She was the lead program scientist for NASA's Living With a Star initiative and serves as program scientist on the Solar Dynamics Observatory (SDO), Van Allen Probes, and Solar Terrestrial Relations Observatory (STEREO) missions.

Jan  
**17**



- **11:00 am: Public Lecture**

Speaker: Prof. **Robert Potts**

Prof. Robert Potts is a lecturer in Creative Digital Design at School of Digital Arts (SODA) at Manchester Metropolitan University. He has a cross-domain and post-disciplinary approach to research focusing on collaborative innovation and a broad specialist practice profile. As a creative director and studio practitioner, he consults on design projects, make innovative films and interactive experiences

Jan  
**18**



- **05:00 pm: Public talk: Poetry of Science**
- Speaker: Smt. **Kanimozhi Karunanidhi M. P.**

Kanimozhi Karunanidhi is an Indian politician, poet and journalist. She is a Member of Parliament, representing Thoothukkudi constituency in the Lok Sabha.



Jan  
**20**

---

- **IISER-GSFK Conference**

Jan  
**21**

---



- **05:00 pm: Public talk**  
Speaker: Ms. **Roma Agrawal**

Roma Agrawal is an Indian-British-American chartered structural engineer based in London. She has worked on several major engineering projects, including the Shard. Agrawal is also an author and a diversity campaigner, championing women in engineering.

Jan  
**22**

---



- **10:00 am - 04:00 pm: Interaction with NASA and ISRO scientists**
- **05:00 pm: Public Talk**  
Speaker: Prof. **Michael Wilson**

Prof. Michael Wilson is Professor of Drama and Head of Creative Arts at Loughborough University, where he is also Director of the Storytelling Academy, a research and teaching collective in Applied Storytelling.

Jan  
**23**

---

- **12:00 pm: E. O. Wilson Talk Series (Consilience)**





Jan  
**24**



- **10:00 am: Kerala Diaspora Talk Series**

Speaker: Dr. **Jobin Varghese**

Dr. Jobin Varghese is currently working as a scientist at Fraunhofer IKTS, Germany. He has over 9 years experience in materials science & technology, specializing in electroceramics such as HTCC, LTCC, Polymer ceramic composites and dielectric inks.

- **12:00 pm: E. O. Wilson Talk Series (Consilience)**

Jan  
**25**



- **12:00 pm: E. O. Wilson Talk Series (Consilience)**

- **05:00 pm: Public Talk**

Speaker: Dr. **Rajendra Singh**

Conservationist and Environmentalist

Rajendra Singh is an Indian water conservationist and environmentalist from Alwar district, Rajasthan in India. Also known as "waterman of India", he won the Magsaysay Award in 2001 and Stockholm Water Prize in 2015. He runs an NGO called 'Tarun Bharat Sangh' (TBS), which was founded in 1975.

Jan  
**26**



- **11:00 am: Kerala Diaspora Talk Series**

Speaker: Dr. **Suresh C. Pillai**

Director, Health & Biomedical Centre (HEAL)  
Head, Nanotechnology and Bio-Engineering Research Group, Atlantic Technological University, Ireland.



Jan

27

- **10:00 am - 04:00 pm: IISER-GSFK Conference**
- **Students interaction with scientists**

Jan

28



- **10:00 am - 05:00 pm: Amuseum Talks**  
Curated by Dr. **Jijo P. Ulahannan**

Dr. Jijo P. Ulahannan is currently the Head of the Department of Physics at Government College Kasaragod. His interests are in theoretical and computational physics, education, science communication, open data & information science, and education technology.

- **Students interaction with scientists**

Jan

29



- **Citizen Science: Public Talk**
- **05:00 pm: Public Talk**

Speaker: Dr. **Malini V. Shankar IAS** (Retd.)  
Vice Chancellor, Indian Maritime University

Dr. Malini V. Shankar was the Chairperson of the National Shipping Board (Government of India) and a Member of the Government-appointed Board of Directors of the IL & FS group of companies. Dr. Shankar was nominated by the IMO as an Honorary Member of the Board of Directors of the World Maritime University.



Jan  
**30**



- **11:00 am: Kerala Diaspora Talk Series**

Speaker: Dr. **Rajeev Pattathil**

Prof. Rajeev Pattathil is the head of Novel Accelerator Science and Applications at Rutherford Appleton Laboratory, UK. He is a member of the UK Plasma Acceleration Steering Group and he currently coordinates CLF's India activities under the Newton program.

Jan  
**31**

- **10:00 am - 04:00 pm: Talks by Bhatnagar Award Winners of Kerala origin**

Feb  
**01**

- **10:00 am - 04:00 pm: Talks by Bhatnagar Award Winners of Kerala origin**

Feb  
**02**

- **IIT Conclave**

Feb  
**03**

- **10:00 am - 04:00 pm: IISER-GSFK Conference**



Feb

**04**

- **10:00 am - 04:00 pm:** Programmes conducted by **Breakthrough Science Society**

Feb

**05**

- **10:00 am - 04:00 pm:** Talk series in **Geosciences**

Feb

**06**

- **10:00 am - 04:00 pm:** Talk series in **Geosciences**

Feb

**07**



- **11:00 am:** Public Talk

Speaker: Prof. **Morten P. Meldal** (Nobel Laureate)

Prof. Morten P. Meldal is a Danish chemist and Nobel laureate who was awarded the 2022 Nobel Prize in Chemistry, jointly with Carolyn R. Bertozzi and Karl Barry Sharpless, "for the development of click chemistry and bioorthogonal chemistry". He is a professor of chemistry at the University of Copenhagen Denmark.



Feb

**08**

- **10:00 am - 04:00 pm: Science Communication**  
One-day Workshop in collaboration with  
**Kerala Media Academy**

Feb

**10**

- **10:00 am - 04:00 pm: IISER-GSFK Conference**

Feb

**12**

- One day program conducted by  
**Kerala Sasthra Sahithya Parishad**
  - **10:00 am:** Panel Discussion on Science Policy
  - **01:00 pm: AIPSN:** Pan India Meeting

Feb

**13**



- One day workshop by Ms. **Denise Hill**  
Communications & Outreach Lead, NASA



# Night Skywatch and Tenting

in collaboration with Kerala State Science &  
Technology Museum & Priyadarshini Planetarium

January 2024

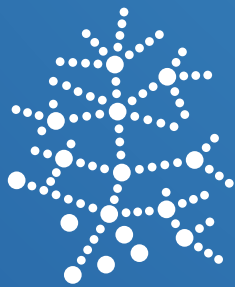
**20<sup>th</sup>, 21<sup>st</sup>, 23<sup>rd</sup>, 27<sup>th</sup>, 28<sup>th</sup>, 30<sup>th</sup>**

February 2024

**3<sup>rd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 13<sup>th</sup>**

Tuesdays, Saturdays and Sundays, 6 pm to 12 am





**Cultural  
Programmes  
and Events**



Jan  
**16**

Cultural Programme  
Artist:  
**Navya Nair**



Jan  
**20**

Cultural Programme  
By  
**Regatta**



Jan  
**27**

Cultural Programme  
Artist:  
**Asha Sharath**



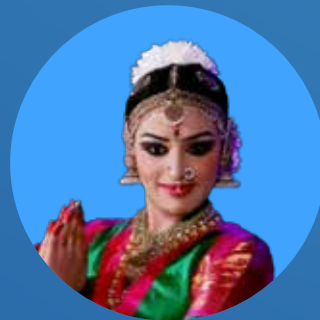
Feb  
**03**

Cultural Programme  
Artist:  
**Meera Nair  
& V Company  
Dance Studio**



Feb  
**07**

Cultural Programme  
Artist:  
**Dr. Methil Devika**



Feb  
**09**

Cultural Programme  
Artist:  
**Mahalakshmi**



Feb  
**10**

Cultural Programme  
Band Show by  
**Sitara's  
Project Malabaricus**



Feb  
**11**

Cultural Programme  
Artists:  
**Roopa Ravindran  
& Paris Laxmi**



Feb  
**13**

Cultural Programme  
Band Show by  
**Bani Hill**



Feb  
**14**

Cultural Programme  
Band Show by  
**Oorali**





# Frequently asked Questions

# About Festival

- *What is the Global Science Festival Kerala (GSFK), 2024?*

The Global Science Festival Kerala (GSFK) is a celebration of science. It is a uniquely crafted event, artistically designed and thematically curated to offer an immersive experience in the world of science. This festival is the culmination of the collaborative efforts of over 200 scientists, artists, and engineers, all coming together to build this event from the ground up. At its heart, GSFK is a celebration of science, where world-renowned scientists and artists gather to share their knowledge and passion. It's an opportunity for attendees to engage with the wonders of science in a setting that blends scientific rigour with artistic creativity, making it a truly one-of-a-kind experience. The first edition of GSFK focuses on Life Sciences.

- *What is unique about GSFK?*

Global Science Festival Kerala is unique in its approach of blending science and art. It is carefully curated based on a theme, and each and every part of it is artistically designed. Even while using cutting-edge technology, GSFK is not a technology exhibition. It uses technology as a means to communicate the beauty and philosophy of science.

- *Why GSFK?*

The Global Science Festival Kerala tries to foster a knowledge society. It aims to promote scientific reasoning and propagate the core values of science — its philosophy, methodology, and objectivity. By attending GSFK, participants get a unique opportunity to experience the beauty and intricacies of science firsthand.

- *When and Where is GSFK held?*

The Global Science Festival Kerala is scheduled to take place from 15th January 2024 to 15th February 2024. The venue is the Bio 360 Life Sciences Park, located in Thonnakkal, Thiruvananthapuram, Kerala.

- *What are the festival entry timings?*

9:00 am to 10:00 pm. Festival closes at 12:30 am everyday.

- *Who is the Global Science Festival Kerala (GSFK) intended for?*

GSFK is designed for a diverse audience, including festival attendees, art lovers, night sky watchers, science enthusiasts, professional scientists, students, and anyone else looking forward to an enjoyable and enriching experience. The festival caters to a wide range of interests and backgrounds, making it a perfect destination for anyone keen on exploring the fascinating world of science and art.



- *What are the events associated with the Global Science Festival Kerala?*

GSFK 2024 is packed with a range of events and activities:

**(i) Curated Science Exhibition:** An all-month-long exhibition over 20+ acres, featuring artistically designed displays and world-renowned art installations like the Museum of the Moon & Mars, Universe Walk-in, Life-size T-Rex fossil, Foucault's Pendulum, Darwin's ship HMS Beagle, and AR/VR experiences.

**(ii) Public Talks:** Sessions by notable figures including Nobel Prize winner Professor Morten P. Meldal, NASA's Dr. Madhulika Guhathakurta, and Professor Robert Potts, among others, at the festival venue and selected Kerala institutions.

**(iii) Night Sky Watching:** An overnight experience at the festival, observing the night sky through telescopes.

**(iv) Industrial Pavilions:** Exhibition spaces for renowned companies and organizations to showcase their innovations and success stories.

**(v) Marine Show:** An enchanting aquatic show at the festival venue.  
**Cultural Programmes:** Performances by internationally recognized artists at the festival.

**(vi) Doll Museum:** A delightful exhibit by the Kerala State Council for Child Welfare, suitable for all ages.

**(vii) Climate Change Photo Exhibition:** A thought-provoking exhibition by Alliance Française, focusing on the effects of climate change.

**(viii) Sci-Fi Film Festival:** In collaboration with the Kerala State Chalachithra Academy, featuring a range of science fiction films.

**(ix) Outreach:** Pre-festival programs across Kerala, spreading scientific awareness and hosting educational lectures and activities in various institutions.

- *How long does it take to experience the festival?*

To experience the festival at its fullest, attendees have to be prepared to spend at least 8-9 hours at the venue. The recommended way to attend GSFK is to get a two day ticket.

- *What is the nearest railway station and how far away is it from the venue?*

Chirayinkeezhu Railway station, 8.9 km  
Trivandrum Central Railway Station, 24.3 km

- *What is the nearest bus stop and how far away is it from the venue?*

Attingal Bus Stop, 8.7 km



# Attendees

- *Is GSFK open to the public?*

Yes, GSFK is a ticketed event open to the public.

- *How can I participate in GSFK?*

You can participate by booking your tickets through GSFK's official website or directly at the venue, or Amuseum office.

- *What is the cost of tickets for GSFK?*

The entry fee varies based on different categories. See the tariff for detailed information.

- *Where can I book the tickets?*

Visit [www.gsfk.org](http://www.gsfk.org) or scan the code on the 'Ticket Tariff' page.

- *Where can I get updates on GSFK?*

Check the official website of GSFK, <https://www.gsfk.org/> or follow GSFK's official social media handles for the latest updates on the festival.  
Social Media Pages Link: <https://linktr.ee/gsfk>

- *Do kids require a ticket?*

Children below the age of 10 do not require a ticket.

- *Is there any concession available?*

Yes. School students who come in groups from their institutions (minimum of 30 students) are eligible for entry fee concessions. Entry to Differently Abled persons is free of cost.



# Volunteering

- *Can I volunteer for GSKF?*

Anyone with an interest in working on a dynamic festival is welcome.

- *Are you hiring?*

Yes. GSKF is actively looking for volunteers to be involved in different areas like hospitality, accessibility, ticket checking, science sessions and programmes.

- *Why should I volunteer?*

The Global Science Festival Kerala is a unique festival with a dynamic organizing team composed of scientists, designers, and other professionals. It offers a unique perspective and the opportunity to work in various areas.





Category	Single Day	Two Day
For Adults/Attendees above the age of 18	<b>INR 250/-</b>	<b>INR 400/-</b>
For Children below the age of 18 and above 10	<b>INR 150/-</b>	<b>INR 250/-</b>
For children below the age of 10 (Not Applicable for Schools)	<b>Free</b>	<b>Free</b>
Students entering as a group from school with 2 faculty members of the school (not less than 30 students)	Without food, <b>INR 100/-</b>	NA
	With lunch, <b>INR 200/-</b>	NA
	Fresh-Up facility; Breakfast, Lunch and evening tea <b>INR 400/-</b>	NA
<b>Package : Class A</b>	NA	<b>Class A - 3 star hotel accommodation with Breakfast, Lunch and Dinner included</b>
		Option 1. Per person <b>INR 6,500/-</b>
Option 2. Family of 4 (2 adults, 2 kids) - <b>INR 11,500/-</b>		
<b>Package : Class B</b>		<b>Class B - 'Home stay' accommodation with Breakfast, Lunch and Dinner included</b>
	Option 1. Per person <b>INR 4000/-</b>	
Option 2. Family of 4 (2 adults, 2 kids) - <b>INR 10,000/-</b>		
'Gift a Ticket' Fresh-Up facility; Breakfast, Lunch and evening tea	<b>INR 750/-</b>	NA

Add on packages		
Show	Rs.	All areas combined
Cognition	<b>50/-</b>	
VR experience	<b>50/-</b>	
War	<b>50/-</b>	<b>Rs. 200/-</b>
Universe	<b>50/-</b>	
Marine Aqua Show	<b>50/-</b>	

Additional events/bookings we have :		
Tenting and skywatching event (4 persons per tent )	<b>10,000/-</b>	Including food, two day exhibition ticket and add on packages.
Tenting and skywatching event (2 persons per tent )	<b>7,500/-</b>	Including food, two day exhibition ticket and add on packages
AMUSEUM Talk (per head)	<b>1,500/-</b>	
E. O. Wilson Series talks	<b>1,500/-</b>	Exhibition Two day Ticket Inclusive + refreshments
IISER Conference	<b>1,000/-</b>	

\* Please make sure that you select the ticket category of your preference carefully before the payment step.  
 \* There is no ticket cancellation & refund available.  
 \* For customised ticketing services, contact Ms. Dhanya (Ph: +9162380 82976) or Ms. Shibi (Ph: +91 81568 52746).  
 \* For hospitality services, contact Mr. Shyam V. S. (Ph: +9194475 89773).

# Organisers & Collaborators

The Global Science Festival Kerala is a collaborative initiative organized by the **Department of Science and Technology (Government of Kerala)**, the **Kerala State Council for Science, Technology & Environment**, and **Amuseum ArtScience**.



Department of Science  
and Technology  
Govt. of Kerala



Kerala State Council for  
Science, Technology &  
Environment

The Kerala State Council for Science, Technology and Environment (KSCSTE) is an autonomous body under the Ministry of S&T, Kerala, constituted in November 2002 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. This has been achieved through various schemes and programs and by the R &D organisations established by the council.

## AMUSEUM

Amuseum ArtScience  
Thiruvananthapuram

'Amuseum ArtScience' is a new age concept foundation of independent intellectuals, artists, scientists and cultural enthusiasts. It aims to create a knowledge pool based on the convergence of art and science to build an ever growing cultural archive of creativity. It carries out activities that provide space, opportunities and support to Art and Science Projects. Amuseum collaborate with voluntary agencies, non-governmental organizations both national and international, and Government for enhancing the interaction of artistic and scientific activities with the public.





Department of Science  
and Technology  
Govt. of Kerala



Kerala State Council for  
Science, Technology &  
Environment

# AMUSEUM

Amuseum ArtScience  
Thiruvananthapuram



Visvesvaraya Industrial  
& Technological Museum



United States Consulate  
General Chennai



British Council



Consulate General of the  
Federal Republic of Germany  
Bengaluru



Alliance Française  
Trivandrum



APJ Abdul Kalam  
Technological University



Indian Institute of Science  
Education and Research  
Thiruvananthapuram



CSIR India



National Institute for Interdisciplinary  
Science and Technology



Kerala State Industrial  
Development  
Corporation



Cochin International  
Airport Limited



Indian Oil



Indian Space  
Research Organisation



Institute of Advanced Virology  
Government of Kerala



Digital University  
Kerala



Cochin University  
of Science and  
Technology



Kerala Startup  
Mission



Kerala State  
Youth Welfare Board



Corporation of  
Thiruvananthapuram



Thiruvananthapuram  
District Panchayath



Kerala State Council for  
Child Welfare



Kerala State Science  
and Technology Museum



Kerala Sasthra  
Sahithya Parishad



Bio 360 Life Sciences Park



Axomedia

Banking Partner



YOUR PERFECT BANKING PARTNER

Federal Bank

Supported by



Kite Victors



Treistel



Studio Recycle Bin



Sreenethra Eye Hospital



Amateur Astronomers  
Organisation



www.gsfk.org | Ph: +91 98466 61461 | office@gsfk.org