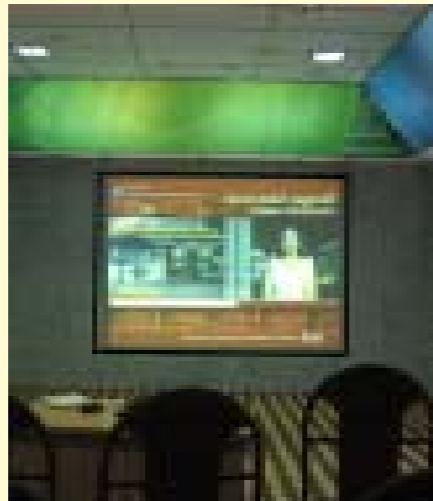




balls released from the height traverse through different paths. During its travel Potential Energy is converted into Kinetic Energy and also performs different works such as

ringing a bell, bouncing over a surface, rotating a disc, making sounds etc. It demonstrates the principle of conservation of energy.

Energy Park: To promote the utilisation of Non-Conventional Energy Sources in day to day life, the Museum established an Energy Park with the financial assistance from the Ministry of Non Conventional Energy Sources (MNES), Govt. of India. The exhibits of Energy Park include Biogas Plant, Biomas Gasifier, SK-14 Solar Cooker, Sheflar Cooker, Solar Box Type Cooker, Solar PV Demo Kit, Wind Battery Charger (low capacity), Solar Traffic Signalling System, Model of Tidal Energy Extraction, Micro Hydro Electric System (Model), Water Mill, Solar Still and Solar Cabinet Drier.



Cyber lady

3D Theatre: One of the contributions of modern technology, the 3D Theatre is a medium for imparting knowledge to everyone. It is a fantastic arrangement to show 3D Science Fiction movies.

Digital Weighing Machine: Our weight in the moon and other planets are known within seconds using this. A print out of this along with a few facts about our universe is also available.



Edusat Talk Back Terminal: The Department of Science and Technology, Govt. of India selected Kerala State Science and Technology Museum as the field agency of Edusat in Kerala for popularising science and technology among common people. Through the Talk Back Terminal of Edusat installed here, interactive educational programmes are available from various agencies like Vigyan Prasar, AICTE, CEC, CIET and IGNOU.

Apart from regular activities, the Museum has other programmes like organizing science seminars, workshops, training programmes, competitions for students and updation of existing galleries.



Watch the spectacular show of the Planetarium!

Planetarium show timings

Malayalam : 10.30 a.m. 3.00 p.m., 5.00 p.m. English : 12.00 noon

Special Shows on request

TICKET RATES

	Museum	Planetarium	3D Theatre
Adult	Rs. 15	Rs.15	Rs. 10
Children below 10 yrs			
Organised group of students (per head)	Rs. 10	Rs. 10	Rs. 10

Open on all days

KERALA STATE SCIENCE AND TECHNOLOGY MUSEUM & PRIYADARSINI PLANETARIUM

Vikasbhavan P.O., Thiruvananthapuram - 33

Ph : 2306024, 2304286, Fax : 0471-2304286

Email : directorksstm@dataone.in



Established in 1984, the Kerala State Science & Technology Museum, is an autonomous organisation, set up by the Government of Kerala, to serve as a dynamic medium of science communication for the public and for inculcating a sense of inquiry and scientific temperament in the minds of the young. This is also a study cum recreation centre and an important tourist attraction. This project was established in 5 acres of land in the heart of the Thiruvananthapuram city, the capital of God's own land-the picturesque Kerala State. The Museum opened its first unit in 1984 with galleries on Electricity, Electronics, Power & motion and Mechanics with more than 300 exhibits. Later, galleries on Popular Science, Mathematics, Automobile and Biomedical Engineering were opened. The prestigious project of the Museum, Priyadarsini Planetarium was also made functioning in 1994. A Children's Science Park and Mobile Science Exhibition unit were opened to the public in 1997 and 1999 respectively. Later on, Computer Gallery and Solar energy gallery were also opened. A Play park with thirteen playing devices was opened in 2005. Energy Park, 3D Theatre, Digital Weighing Machine, Edusat Talk Back Terminal, Energy Ball are the other attractions of the Museum.





Aims and objectives

- ❖ Setting up of galleries with working / animated and participatory type of exhibits on all disciplines of Science & Technology.
- ❖ Organising and conducting mobile and temporary Science exhibition.
- ❖ Organising and conducting science educational programmes through TV, Radio and other media of communication.
- ❖ Conducting science demonstration lectures.
- ❖ Conducting competitions for students.
- ❖ Extending teaching and lending services.
- ❖ Taking message of Science to the rural Kerala.
- ❖ Developing the campus of the museum and zonal science centres as technology parks
- ❖ Serve as a study cum recreation centre .
- ❖ Become an important tourist attraction

Galleries

At present museum has 9 Galleries on various disciplines of Science and Technology, Edutainment Corner, Children's Science Park, Planetarium, Mobile Exhibition unit, 3D Theatre, Digital Weighing Machine, Play Park, Energy Park and Edusat Talk Back Terminal.



Electrical Gallery: Different exhibits displayed in the Electrical Gallery will enable every one to find out how electricity helped man immensely in his material progress.

Electronics Gallery: The Electronics Gallery is so arranged as to kindle the inquisitiveness of common man, the students and hobbyists and to teach the principles of electronics.



Popular Science Gallery: The insight in to the day to day natural phenomena is provided in the form of exhibits in the Popular Science Gallery.

Mathematical Gallery: The Mathematical Gallery or the Puzzle Gymnasium brought in to use to provide stimulating and inexhaustible mental exercise.

Mechanical Gallery: The scaled down models of different boilers are the main attraction of the Mechanical Gallery.

Automobile Engineering Gallery: Every one can easily understand the complexity of automobiles from the working models of sectioned automobile engines and accessories exhibited in the Automobile Engineering Gallery.



Biomedical Gallery

Biomedical Gallery : The Biomedical engineering Gallery provides interactive working models of biomedical equipments along with animation graphics on computers and digital announcement system. The gallery gives an excellent picture of the biomedical field to the visitors.

Computer Gallery : The Computer Gallery gives a detailed history on the development of computers. Starting from the oldest form of computers to the latest are displayed here. The visitors can go through each of the same in detail and have an idea of different generations of computers.

Solar Energy Gallery: The Solar Energy Gallery is established with the prime aim of creating an awareness of energy conservation. It depicts the uses of different non conventional energy sources, mainly solar energy.



Edutainment Corner : In the Edutainment Corner an artificial intelligent tool with audio visual support-Cyber lady-and a Virtual Science Lab are arranged.

Children's Science Park: Children's Science Park is a play ground for the mind. Large and sturdy exhibits on the world of perception are interspersed with a colorful landscape to present a unique playground where education is imbibed in fun and entertainment. There is a play park beside it



Priyadarsini Planetarium: Priyadarsini Planetarium with a seating capacity of 184, is one of the most sophisticated and versatile Planetaria in India. This fabulous Planetarium Complex has a centrally air conditioned sky theatre, Conference hall, Work shops, Sound studio etc. There is provision to change the shows of the Planetarium periodically.

Mobile Science Exhibition Unit: With the objective of taking science and technology to the common man, a Mobile Science Exhibition unit with 24 interactive exhibits and a Mini Planetarium are arranged in a bus. The exhibition of this unit can be arranged anywhere in Kerala on advance booking.



Mobile Science Exhibition Unit

Energy Ball: In this exhibit a number of nylon balls are given potential energy by raising them to a height with the help of two conveyer systems. The