

VISIT TO TRIVANDRUM: APRIL 2018

'ISRO'

1. Space Museum



- ★ Erstwhile St Mary Magdalene Church.
- ★ The first rocket systems were assembled and integrated here in 1962.
- ★ In 1985, the church was

converted into a Space Museum.

- ★ The museum has full-scale model of PSLV and its heat shield on the premises and has scaled down models of GSLV and GSLV Mk-III.
- ★ Space Museum provides a tell-tale account of the Indian Space Programme from its infancy.

2. Sounding Rocket



- ✓ Sounding rockets are usually one or two stage solid propellant rockets, intended for probing the upper atmospheric regions.
- ✓ The launch of the first sounding rocket on 21 November 1963, marked the beginning of the Indian Space Programme.
- ✓ Several scientific missions with national and international

participation have been conducted using these sounding rockets.

3. Polar Satellite Launch Vehicle



- ▲ PSLV is a versatile vehicle for diverse missions.
- ▲ It was used to place Chandrayaan in India's first lunar mission, and Mangalyaan, in India's first Mars Orbiter Mission.
- ▲ Most notable among these was launch of PSLV C37 on 15 February 2017, successfully deploying 104 satellites in sun-

synchronous orbit.

4. Geosynchronous Satellite Launch Vehicle



- GSLV is capable of placing 2 ton class of satellites like INSAT & GSAT series of communication satellites into Geosynchronous Transfer Orbit.
- It is 49 m tall and a three stage vehicle with a lift off mass

of 416 Tons.

VISIT TO KOCHI : AUGUST 2018

'OCEANOGRAPHY'

1. Kerala University of Fisheries & Ocean Studies (KUFOS)



- KUFOS is the first fisheries university in India.
- The university campus is spread over an area of more than 69 acres of land and is a pioneering

institution of fisheries and ocean studies.

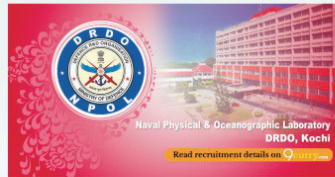
- The KUFOS boasts of a high quality faculty that is fully committed towards imparting the best of knowledge to the students in various disciplines.

2. Indo Portuguese Museum



- The museum was established by Dr. Joseph Kureethra, erstwhile Bishop of Kochi.
- This museum showcases rich cultural heritage of Portuguese and its influences on Fort Kochi and the surrounding areas.

3. Naval Physical & Oceanographic Laboratory (NPOL)



- NPOL is located in Thrikkakara, Kochi, and is a laboratory of the Defence

Research and Development Organisation (DRDO), under the Ministry of Defence.

- It is responsible for the Research & Development of sonar systems, technologies for underwater surveillance, study of ocean environment and underwater materials.

VISIT TO THENMALA : OCTOBER 2018

'FORESTRY AND ECOLOGY'

1. Adventure Zone



- ❖ Thenmala lies in the conjunction of Kollam-Shenkottai Road.
- ❖ It is an ideal location for pursuing forestry and ecology.
- ❖ Thenmala is a paradise for adventure activities.
- ❖ Types of activities:-

a. Hiking, b. Trekking, c. Transvalley flying jenny, d. Boating, e. Rock climbing and the like.

2. Thenmala Dam



- ❖ The Thenmala dam is the second largest irrigation project in Kerala.
- ❖ It has the longest reservoir in the state.
- ❖ Water from the reservoir is also used for power generation.

❖ Boating facility is available on the reservoir. Shendurney Wildlife Sanctuary lies very close to the reservoir.

3. Deer Park and Rehabilitation Centre



- ❖ Thenmala is the first planned Eco-tourism destination of India.
- ❖ It has 10 Eco tourism spots which cover the hill ranges of Trivandrum, Pathanamthitta and Kollam.

❖ Deer park and rehabilitation centre is one of the main attractions of Thenmala.

4. Palaruvi Water Falls



- ❖ Palaruvi Falls is a beautiful waterfall located close to Thenmala.
- ❖ It is the 32nd highest waterfall in India.
- ❖ Palaruvi (literally "stream of milk") falls from a height of 300 feet.
- ❖ This spectacular destination is

surrounded by lush green valleys and natural herbal groves.

VISIT TO VAGAMON: DECEMBER 2018

'HILL ADVENTURE'

1. Vagamon Orchidarium/ Floriculture Project



- ◆ Vagamon in Idukki District is abound with natural beauty, green meadows and rocky hills.
- ◆ L i e s between Pala

and Kattappana, Vagamon town is surrounded by valleys, pine forests, mists, fog, tea estates, waterfalls and overall greenery.

- ◆ Vagamon is also home to a variety of flowers and orchids.

2. Kurisumala



- ◆ Three hills in Vagamon, viz Kurisumala, Thangal, Murugan hills - are the representation of the chief religions in Kerala, i.e.

Christian, Muslim, and Hindu.

- ◆ This co-existence represents the cultural harmony of the State.
- ◆ Vagamon has avenues for trekking, paragliding, mountaineering and rock climbing.

3. Thangal Hill (Para)



- ◆ Thangal Para is a Muslim sacred site located on the Thangal Hill.
- ◆ Thronged by devotees and tourists round the year,

Thangal Para is a remarkable attraction that has a big spherical rock.

- ◆ The tomb (dargah) of Sheikh Fariuddin, who had supposedly visited this place from Afghanistan, 800 years ago, is located on this hill. He took his last breath here and the place is dedicated to him.