



Home > States > Kerala

First satellite seminar held at Puthuvype

The first satellite seminar of Swasraya Bharat was held at the Centre for Marine Living Resources & Ecology (CMLRE), Puthuvype, on Saturday.



Published: 22nd September 2019 06:16 AM | Last Updated: 22nd September 2019 06:16 AM

🔒 | A+ A A-

By Express News Service

KOCHI: The first satellite seminar of Swasraya Bharat was held at the Centre for Marine Living Resources & Ecology (CMLRE), Puthuvype, on Saturday.

The seminar with the theme 'Sustainable Development Goal-14 (Life under water)' was organised as part of Kerala Science Fest 2019, jointly by Swadeshi Science Movement and Ministry of Earth Sciences -CMLRE. Climate Change Research Institute president and CEO Dr Malti Goel spoke on the theme and SDG 13 (climate change).



Latest

- | Karnataka govt's appointment of 'ineligible' officer as MD to TSCL raises eyebrows
- | Rohit Sharma equals MS Dhoni's record during third South Africa T20I
- | Chhattisgarh government writes to Centre for guidelines to rehabilitate internally displaced Bastar tribals

Microplastics in sea salt pose threat to humans

DC CORRESPONDENT
KOCHI, SEPT. 28

The discarded plastic and microplastics drained into oceans pose serious threat to human health. The common salt obtained from sea water contains microplastics in alarming quantities which enter human body causing serious health hazards, according to experts.

"Imminent threat to human health because of

the micro-plastic in common salt is a big challenge," said Dr. E. Ramaswamy, Head of Department of School of Environmental Sciences, Mahatma Gandhi University whose research findings on plastic in salt has been published in an international journal.

While presenting paper on 'Microplastic pollution a serious threat to aquatic eco system' during the seminar organised as cur-

tain raiser of Swasraya Bharat - Kerala Science Fest 2019 at Centre for Marine Living Resources and Ecology, Puthuvyppe recently he said that four to six percent of municipal solid waste is plastic which gets drained into the rivers and ocean during heavy monsoon rains.

During his research, 15 to 25 particles of microplastics per kilogram of popular salt brands were found. On an

average a human being consumes three kilograms of salt per annum and the amount of plastic reach human bodies is not negligible.

The plastic products used in day to day life like shampoo and cosmetics sachets end up as microplastics which has less than size of 5 mm. Subsequently, these are consumed by different pelagic organisms and enter the food chain.

Dr. Gautam Sen, former ONGC scientist spoke on 'The Chemistry of Plastic Waste'. "We are not handling plastic with adequate precautions. We have made tremendous development in technology using plastic and manufactured nine billion tonnes out of which seven billion tonnes became waste. Majority of the waste is going into the landfills but 8 to 12 million tonnes end up in oceans per annum," he said.

Meanwhile, Dr. V. Kripa, scientist of Centre for Marine Fisheries Research Institute, while addressing the issue of 'Impact of litter on Marine Ecosystems' said that plastic might overtake the quantity of marine fisheries resources. "Currently, there is 150 million tonnes of plastic in oceans while the quantity of fish is 850 million tonnes," she said.

■ The common salt obtained from sea water contains microplastics in alarming quantities which enter human body causing serious health hazards, according to marine experts.

Students visit 'Sagar Sampada', interact with scientists

'Awareness is being created on maintaining cleanliness'

KARWAR, DHNS

Students of various schools and colleges visited the state-of-the-art Fishery Research Vessel 'FORV Sagar Sampada' which was anchored in Karwar port on Saturday.

As part of 'Swachhata Hi Seva' campaign of the Central government, the Ministry of Earth Sciences Centre for Marine Living Resources and Ecology (CMLRE) is organising programmes in various ports. The vessel will be in Karwar till 12:00 noon on September 29 (Sunday).

The programmes are being held before October 2 to

create awareness about cleanliness.

Students of Kendriya Vidyalaya at Araga and Department of Studies in Marine Biology, Kodibag visited the research vessel and held interactions with the scientists.

Speaking on the occasion, Physical Oceanographer Dr Smita said, in terms to create awareness about the effects of the use of plastic on the aquatic animals living in sea and coastal region, a series of programmes are being held under the Swachhata Hi Seva campaign.

The campaign which was launched in Gujarat has now reached Karwar. The last pro-



Students engage in observing things through a telescope set up on FORV Sagar Sampada in Karwar on Saturday. DH PHOTO

gramme will be held at Cochin on October 2, she added.

Cochin CMLRE Scientist M Subramaniyan and scientist Hashim were present on the

occasion and provided information to the students.

Commissioned in 1984, the vessel has been the backbone of R&D efforts on Marine Living

Resources including deep-sea fishery surveys. The Vessel is ice-strengthened to support India's scientific programme in the Southern Ocean.

STATE-OF-THE-ART FISHERY RESEARCH VESSEL

Sagar Sampada vessel to arrive in Karwar today

DEVARAJ NAIK
KARWAR, DHNS

The state-of-the-art Fishery Research Vessel 'FORV Sagar Sampada' will anchor in Karwar port on Saturday and there are chances that students would be allowed to visit it during the period.

As part of Swachhata Hi Seva campaign, the Ministry of Earth Sciences has organised a one-day programme at Centre for Marine Living Resources and Ecology (CMLRE) port.

The vessel has come to Karwar to take part in the programme. Such programmes are being held before October 2 to create awareness on cleanliness.

Cochin CMLRE Scientist M Subramanian will be present on the occasion and will provide information to the people. There are chances that people can visit the vessel from 10:00 am to 4:30 pm.

Commissioned in 1984, the vessel has been

the backbone of R&D efforts on Marine Living Resources including deep-sea fishery surveys. The Vessel is ice-strengthened to support India's scientific programme in the Southern Ocean.

Till now, it has completed around 370 scientific cruises in the Arabian Sea, Bay of Bengal including one cruise to the Indian Ocean sector of the Southern Ocean.

The 72-meter long multipurpose fishery oceanographic vessel constructed at Dennebrog Shipyard Ltd, Denmark can accommodate a team of 59, which include 34 crew members of the Shipping Corporation of India and 25 scientific/technicians.

The vessel is equipped with Fleet 77 for communication purpose, satellite navigator for navigation, Helipad for emergency landing of a helicopter and a medical room with qualified doctors.

Port officer Suresh Shetty also confirmed the arrival of Sagar Sampada vessel and said that students may be given an opportunity to visit it.



The Fishery Research Vessel Sagar Sampada.