



## CURRENT AFFAIRS 16 MARCH

### DAYS

#### 1. World Consumer Rights Day 2021:15 March



It is celebrated on 15 March across the world annually to spread awareness about the rights of consumers and their needs.

The theme of World Consumer Rights Day 2021 is 'Tackling Plastic Pollution'.

### STATES NEWS

#### 2. Odisha Farmer's Solar Car Gets Thumbs-Up Online



Sushil Aggarwal from Odisha's Mayurbhanj district had built a four-wheeler powered by an 850 Watts motor and 100 Ah/54 Volts of battery. After fully charged the vehicle can travel up to 300 km. They are powered by electricity through the use of solar energy. Sun's energy is directly converted into electrical energy by the Photovoltaic (PV) cells.

## MISCELLANEOUS

### 3. In Indian Ocean first project Genome Mapping will be launched



The National Institute of Oceanography (NIO) will launch the first-of-its-kind project of Genome Mapping.

### What is Genome Collection?

Samples will be collected by the researchers from several stretches of the ocean at an average depth of about 5 km.

It is just like gene mapping which is carried out on blood samples collected from humans, the scientists will map these in the bacteria, microbes found in the ocean.

Deoxyribose Nucleic Acid (DNA) and Ribonucleic Acid (RNA) mapping shows the nutrients present in them and also those lacking in various parts of the ocean.

Benefits are:

- It will help in understanding ecosystem.
- It will understand factors causing change.
- It will help in identifying Mineral Concentration.

Human benefits are:

It will benefit the human in the future in the large pool of RNA, DNA library of the oceans that will be utilized for using the Indian Ocean.

It also increase the Biotechnology application and optimize the conservation efforts.

## **Genome Mapping?**

When a specific gene is assigned or located into a particular region of a chromosome and determined the location of and relative distances between genes on the chromosome.

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