

**Explore The Space is an  
“ISRO - Registered Space Tutor”**



**Report**

**October 01, 2022**

## A Webinar on **WORLD SPACE WEEK - OCTOBER 2022**

### **Webinar Topic: Nanotechnology & Space Exploration**

“Explore The Space (ETS)” is an NGO and “ISRO - Registered Space Tutor”, promoting awareness on Space Sciences and Technology among Schools and Colleges through seminars, quiz programmes, study tours and research. ETS connects Institutions and Industry through its programmes.

#### **Participants: The Students, New Era English School, Nasik**



Prof. V. Sumitr Devi  
Chief Admin. Officer  
Explore The Space

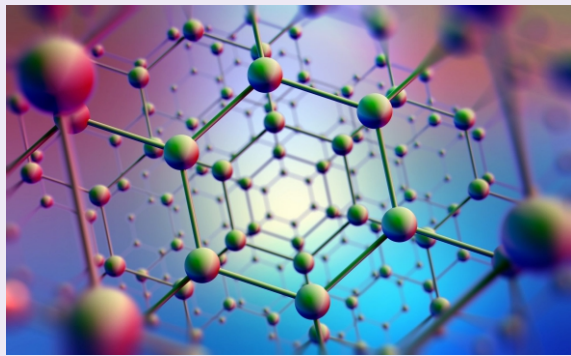
Prof. V. Sumitr Devi, CAO, “Explore The Space”, gave the welcome address and began the interaction with the students about Nanotechnology and Space Exploration.

Head Mistress of the Institution - New Era English School, Nasik, Ms. C.S. Lata made a brief presentation about the School and Explore The Space for organising the exclusive webinar for New Era English School. Dr. S. Ramakrishnan, Asst. Professor, Dept. of Physics, The Madura College, Madurai made a very interesting presentation of Nanotechnology and Space Exploration.



Dr. S. Ramakrishnan  
Dept. of Physics  
The Madura College





**Nanotechnology**, is the use of matter on an atomic, molecular, and supramolecular scale for industrial purposes. Nanotechnology will play an important role in future space missions. Nanosensors, dramatically improved high-performance materials, or highly efficient propulsion systems are some examples

## RESOURCE TEAM



V. Ramamoorthy  
Scientist  
ISRO, (Retd.)



S. Balagurunathan  
Science Writer &  
STEM Instructor



K. Balachander  
Sr. Consultant  
Explore The Space



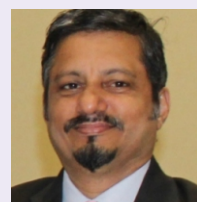
V. Sumitrra Devi  
Chief Admin. Officer  
Explore The Space



P. Nandagopal  
Sr. Consultant  
Explore The Space



V. Chandrasekaran  
Sr. Consultant  
Explore The Space



N. Shankar  
Sr. Consultant  
Explore The Space

## GLIMPSES OF EXPLORE THE SPACE



**Raman Armstrong Lecture - Future of Space Exploration**  
Keynote Address by Dr. Jaydeep Mukherjee,  
Director, NASA FSGC, USA, February 2018, Tiruchi



**"Joy of Science", a fun-filled workshop conducted by**  
Science writer Mr. S. Balagurunathan -  
February 2019, Chennai



## International Webinar Series on Future of Space Technology and Exploration



**June 25, 2021**

Advanced Materials for Space Exploration Vehicles

**September 14, 2021**

NASA's Artemis Mission -Humanity's return to the Moon

**November 24, 2021**

Micro Satellites - Manufacturing and  
Operational Technologies & Challenges

**February 24, 2022**

Human Exploration of  
Outer Space - Past, Present & Future

**June 23, 2022**

Materials for Planetary Exploration

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