



# AMITY UNIVERSITY MAHARASHTRA

Established vide Maharashtra Act No. 13 of 2014, of Government of Maharashtra, and recognized under section 2(f) of UGC Act 1956.

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Report on



**GOAL 14: Life Below Water**

**Sustainable Development Goals**  
Year 2022

Amity University Maharashtra, Bhatan Post - Somathne,  
Mumbai - Pune Expy, Panvel, Bhatan Pada,  
Maharashtra 410206

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## GOAL 14: Life Below Water

### Earth and Space Exploration Program 2022 Ladakh

#### Conducted by Amity centre of excellence in Astrobiology

The ESEP 2022 Ladakh kicked off on the 10th July with crew 1 "Voyagers" . This program is run by Amity University Mumbai and Cosmic Adventures with support from Mars Society Australia Inc and Blue Marble Space Institute of Science, Ladakh Science Foundation.

The crew 1 was from July 10-18, 2022, while crew 2 the Cosmic Wayfarers was from 20-28 July 2022.

Field Scientist confirmed: Dr. Renitta Jobby(Batch 1), Dr. Pavithra Sekar (Batch 2,3), Dr Abdul Amir Khan (all batches) , Dr. Annalea Beattie (all batches), Gaurav Chuhan ( Batch 1) Sally Porter (Batch 3)

#### Crew 1 Logo

#### Crew 2 Logo





Crew 3 Logo



ESEP Crew





**Image 1:** Crew 1 Voyagers



**Image 2:** Gaurav explaining the geomorphological features of Ladakh





**Image 3:** Annalea explaining the anthology non science fiction book plan



**Image 4:** Gaurav and Aamir explaining the Himalayan formation and plate tectonics



**Image 5:** Analogue discussion by Dr. Annalea



**Image 6:** Crew discussion first images on ladak rocks





**Image 7:** Dr. Sally explaining the geology of rocks at Tso Kar



**Image 8:** Participants listening to the microbiology explanation