



LUNAR MISSION ONE
INDIAN CHAPTER

SOURAV KARMAKAR

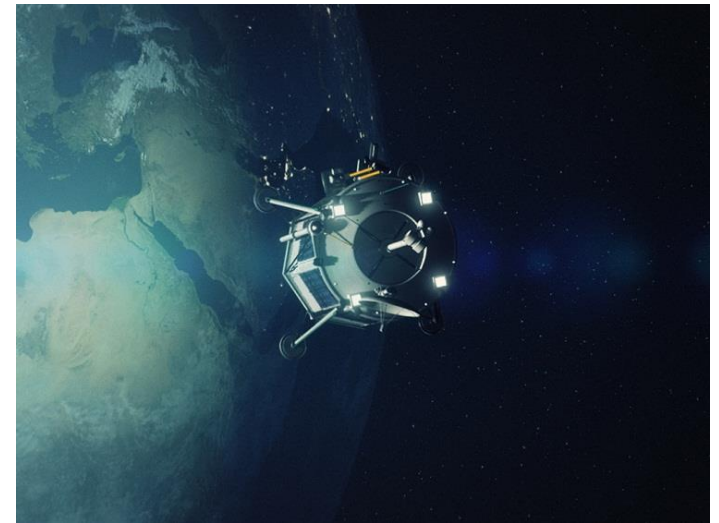


A new lunar mission for everyone

We are off the ground! Follow the adventure: LunarMissionOne.com

Outline

- International robotic mission - Moon's south pole ~10 years
- Drilling deep for science
- Investigating a future manned base
- Aligned to Global Exploration Roadmap
- Billion year archive of Life on Earth
- New Public-Private Partnership model
 - Public authority, private management
 - Non-profit ownership & objectives
- Global mass participation, education & funding
 - 2014 \$1m initial crowdfunding



Trustees/Directors



Sir Graeme Davies,
Former University
Vice Chancellor
- LM Trust Chairman



Monica Grady,
Professor of Planetary
& Space Science, OU
- LM Trustee



Ian Taylor,
Former Government
Science Minister
- LM Trust Vice Chair
- LM Ltd Chairman



Pieter Knook,
Former senior exec at
Microsoft & Vodaphone
- LM Trustee
- LM Ltd Director



Angela Lamont,
Broadcast media
presenter & producer
- LM Trustee



David Iron,
LM1 Founder
- LM Trustee
- LM Ltd Exec Director

Status

- Formation of mission procurement team (space + drilling)
 - Industry engagement, technology risk analysis
- Formation of Science Working Groups
 - Lunar Science, Site Selection, Instruments, Archive
- Early marketing campaign
 - Astrobotics GLXP
- Collaboration platform
 - Space Catapult
- Pilot education programme
- Local volunteer Chapters



LM1 INDIAN CHAPTER

Lunar Mission One has Indian chapter initiated by Mr. Sourav Karmakar. He is Indian Chapter Lead and Education Ambassador for LM1. This is a great platform for every individual to participate in global project from different educational and professional backgrounds.



This is LM1 India Facebook page:

https://www.facebook.com/Lunar-Mission-One-India-1030680666992880/?ref=aymt_homepage_panel

There are different activities under LM1 India:

1. Chapter Activities
2. Pilot Education Program
3. STEM activities
4. World Space Week

Technology

- Deep drilling using pioneering wire-line technology
- Remote control robotics
- Precision landing
- Commercial consortium
 - Programme management
 - Technology development
 - Space operations
- Spin-out opportunities
 - Safer drilling on earth
 - Enables new search for basic life on other moons & planets



Education

- Online interaction and direct involvement
 - Archive/culture, science, technology
- Schools & colleges
 - BBC Domesday model
 - Worldwide
 - All cultures, ages, abilities
- Professional institutions
- Club volunteers
- Supports marketing awareness





PILOT EDUCATION PROGRAMME

Lunar Mission One will be one of the most inspiring educational projects that students can get involved in. The practical benefits of being an LM1 Pilot School will really help you and your students to engage with exciting activities from the very start. In particular, the team at LM1 project are already developing several learning activities that they would like Pilot Schools to trial from all around the World.

RESEARCH & INNOVATION WITH LM1

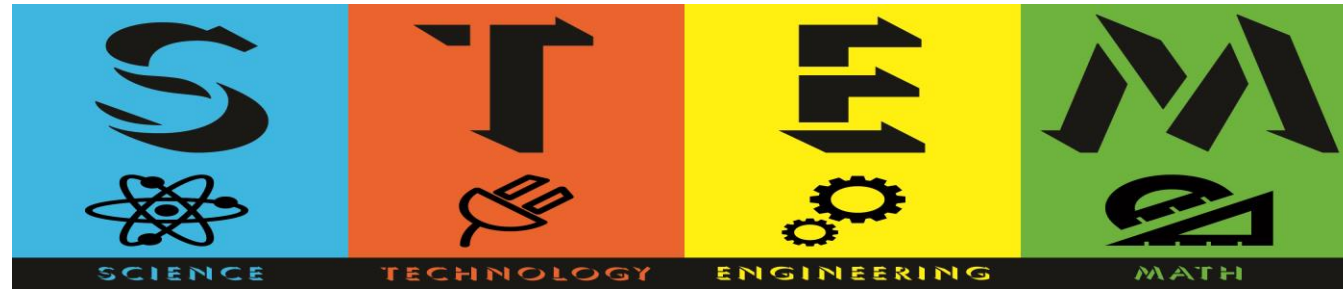


Lunar Mission One is a global platform to explore the research and development related to aerospace and other perspectives of education & public engagement. LM1 encourages each individual to group or institutions for research and development for the unique mission along with global support. LM1 and LM1 Indian Chapter inspire educational institutions to be a part of Research & Development programs along with us. It'd be a great chance for students and the research institutions to contribute & share innovation in research along with LM1.

Life on Earth record



- There will also be opportunities for pupils to create artistic, linguistic, musical and social contributions to the project in order to celebrate the human race's creativity and inventiveness in all its different aspects, which could also be included in the **Life on Earth record**.



LM1 has **STEM** activities for various interesting topics for students and individuals. This is a platform where creativity can reach beyond limit.

Also LM1 is part of **World Space Week** in which different level of students can participate for many competitions & activities.

LM1 GLOBAL PUBLIC ENGAGEMENT



LM1 has several related issues and challenges currently known to be of interest to the public, and which offer potential for the LM1 educational programme. They have *direct* or *indirect* influence on the space mission such as science-technology, culture, management, STEM, etc. We can learn and contribute a lot be a part of any LM1 activity.



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