

**Title of Problem Statement:**

LunaBot: Autonomous Navigation of Robot for Lunar Habitats

**Dataset:**

Any one of the following datasets can be used

**For Lunar Terrain Datasets**

a. Chandrayaan-2 TMC DEM and Ortho Images can be downloaded from <https://chmapbrowse.isro.gov.in> From "CH2\_TMC\_Derived\_Product" instrument footprints, user can select desirable PDS product, which can be downloaded and used.

**(or)**

b. LRO LOLA DEM also can be used for terrain modelling

**(or)**

c. Users are allowed to use simulated terrain also for demonstration

d. Open source Lunar Habitat 3D models can be used