

SP3176 The Universe

ASTRO Night

The learning objective of this assignment is to (i) get familiarise with the night sky by going out in the field to observe the sky; (ii) use a telescope independently to make astronomical observations.

You and your group members will plan and carry out at least one star-gazing excursion. You will observe celestial objects both with your naked eye as well as through a telescope. Document your plan and log of the observations. Write a simple summary of your field-trip(s).

You will deliver a consolidated report as a group. Your report needs to include:

1. A **Plan** of (a) Date, time and location of your observation, (b) weather forecast, (c) phase of the Moon, (d) the celestial objects, asterisms and constellations you will try to find and observe.
2. A **Log** of your observations. The log should be neatly itemized and include details such as time, position, and a brief description for each object. The brief description can be as short a sentence. But if an object is very interesting to you, go ahead elaborate all you want:)
3. **Photographs** of some of the celestial objects you observed. (No need full resolution images in the report.)
4. A brief **Summary** of the event.

Administrative details

This assignment is to be done in a group, and holds 10% weightage of the total assessment for The Universe. Submit the report in pdf format.

Submission: Reading week Saturday