



# INDIAN INSTITUTE OF TECHNOLOGY, KANPUR

## Astronomy Club IIT Kanpur

### Structure for HYPERION 2021

On the occasion of Autumn Astronomy Day, 2021, **Astronomy Club, IIT Kanpur** brings to you a nationwide 48 hours case study challenge, '**HYPERION 2021**', an open to all competition for undergraduate and postgraduate students of any institute across India majoring in any stream.

**HYPERION 2021** strives to make students think critically and creatively to solve a baseline developed Case Study problem, where an individual will get a glimpse of the basic mix and match of astronomy with interesting anecdotes. The competition is intended to promote students to come up with innovative solutions to work out the questions proposed in the Case Study, shaping their understanding of Astronomy. Participants are expected to deliver the well-probed and accurate solution(s) to the case study/problem provided by us.

It will be an opportunity for the students to test their basic knowledge and get hands-on experience in solving a case study problem and help them sharpen their writing and analytical skills as they submit their solution and present it before their peers.

**NOTE:** Knowledge of Astronomy is **NOT** a prerequisite for solving the Case-Study problem but any pre-knowledge of the same will just be an added edge towards approaching the problem.

#### **STRUCTURE:**

Written Submission

- Submit a Final Compiled Report in a **PDF** format including Introduction summary, Code Snippets, Data Sets referred to and Charts or Plots obtained (if any).
- Introduction Summary needs to be included at the beginning of the final report in not more than **200** words.

**TEAMS:**

- No. of members can be **1-3**. One member must be appointed Team Leader and will be the point of contact.
- Participants must be college students at present (no PG/UG restrictions). Cross university teams are allowed, however a valid College ID as proof needs to be submitted.

**TIMELINE:**

**Tentative Dates:** October 8-9, 2021

**Final Submission:**

Time of Initiation (Case launch) - October 8, 2021, at 12:00 **AM**

Deadline of Submission - October 9, 2021, at 11:59 **PM**

5 mark penalty for every 15 min delay. No submission after 1 hour of deadline.

**NOTE:** The time mentioned is **12 AM** and not **12 PM**.

**Final Results and Felicitation:** October 17, 2021, **on Zoom/MS Teams**. (Final Details will be conveyed to all team leaders)

**PRIZES:**

[1] **The top 3 winning teams** will be awarded exciting **Cash Prizes (worth 5000 INR) & Appreciation Certificates**.

[2] Participation certificates will be given to **EVERY** team that has a submission.

**Astronomy Club, IIT Kanpur**

**“Cosmos is Within Us”**