The School will cover some basics of General Relativity, Basic Cosmology and Cosmography. The school is aimed to be rigorous with both lectures and problem solving sessions. While a basic introduction to basic Special Theory of Relativity will be necessary, familiarity with it in 4 dimensional notations will be highly desirable. **The students will be expected to attend the full duration of the course.**

**Resource Persons:**

*Introduction to General Relativity: Dawood Kothawala (IIT, Chennai)*

*Introductory Cosmology: T. R. Seshadri (University of Delhi)*

*Cosmography: H. S. Mani (Chennai Mathematical Institute)*

**Eligibility:**

- 3rd year B.Sc;
- 3rd/4th year B.Tech;
- 1st/2nd year MSc;
- 3rd/4th/5th year Integrated Masters Programs;
- 1st year PhD;

Total number of outstation students will be restricted to 15 due to logistical reasons.

Applications should be sent by email to in the following format:

| NAME: |
|---|---|
| Gender: | Course Being Pursued (with year) |
| Affiliation: | Address: |
| Email address: | Mobile number (optional) |

For outstation participants, travel support by 3rd AC will be provided. Free accommodation will be provided on the campus.

One **letter of recommendation** is required from a person who make a judgment about the candidate’s academic ability and interest in the context of the topic of the school.

Applications and recommendations should be sent by email to madhurima@cutn.ac.in with subject: Application for ICSIGRG2020 for applications and subject: Recommendation letter ICSIGRG2020 for recommendations. The deadline for registration is 18.12.2019.

**Organizers:**

T R Seshadri (DU)  
V Madhurima (CUTN)  
R Misra (IUCAA)