



Statistical Techniques in Astrophysics & Cosmology Using Python

CUTN-IUCAA Regional School @ Bharthidasan University, Tiruchirapalli
October 16 to 20, 2023

An introductory School on Statistical Techniques in Astrophysics & Cosmology Using Python (STACUP) will be held from October 16 to 20, 2023 at Bharthidasan University, Tiruchirapalli. The school is designed to introduce students to the basics of statistical tools and techniques used in Astrophysics and Cosmology. Familiarity with the basic principles of mathematics and physics is essential. However, in-depth knowledge of Astrophysics and Cosmology is not necessary.

The school will consist of lectures and hands-on sessions as well as computational group projects. It is proposed that the school will have about 40 outstation participants and in addition to 20 local ones.

ELIGIBILITY:

Applications are invited from students pursuing any of the following courses

- ◆ M.Sc
- ◆ Third year onwards B-Tech/BE/Integrated M.Sc.
- ◆ PhD in Astrophysics and related areas.
- ◆ Exceptionally motivated B.Sc. students.

Link for Application: <https://forms.gle/FWYBR978G3FTQW2Q8>

IMPORTANT DATES:

- ◆ The Last date for applying is October 4, 2023.
- ◆ Selected candidates will be informed by October 8, 2023.
- ◆ Arrival of participants by October 15, 2023.

Selected candidates will be provided with free boarding and lodging from the evening of October 15 to the evening of October 21. Travel support will also be provided as per IUCAA norms.

RESOURCE PERSONS:

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|-----------------------|----------------------|
| ◆ Darshan Beniwal, DU | ◆ T.R.Seshadri, DU |
| ◆ Sampurn Anand, CUTN | ◆ R. Srianand, IUCAA |
| ◆ V. Madhurima, CUTN | ◆ H. S. Mani, CMI |

Queries, if any, may please be addressed via email stacup2023@gmail.com