

ISYA Projects

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1. **Classifying the SEDs of Herbig Ae/Be stars**
2. **Estimating the Age of Supernova Remnants**
3. **Proper Motion of a Star**
4. **H-R Diagram of a Globular Cluster**
5. **Galaxy Clusters from SDSS**
6. **Star Formation and U/HLXs in the Cartwheel Galaxy**
7. **Open cluster membership**
8. **X-ray Spectroscopy of Supernova Remnants**

ISYA Projects

Learning Outcomes –

- Use a web browser to gather information from online database.
- Explore Virtual Observatory tools/interfaces.
- Learn how to build queries with online databases.
- Use Virtual Observatory tools (ds9, Aladin, TOPCAT & Vizier) & online databases (SDSS etc.) for Scientific Research.

ISYA Projects

- Each group has to do one project.
- For assistance, a brief write-up is provided for all projects.
- Students should produce a report (not less than five pages) on the projects with all relevant text and figures.
- **Report submission date - Tuesday 6 September by 4:00 pm.**
- **You have to give a talk based on your project.**