



Shristi Astronomy

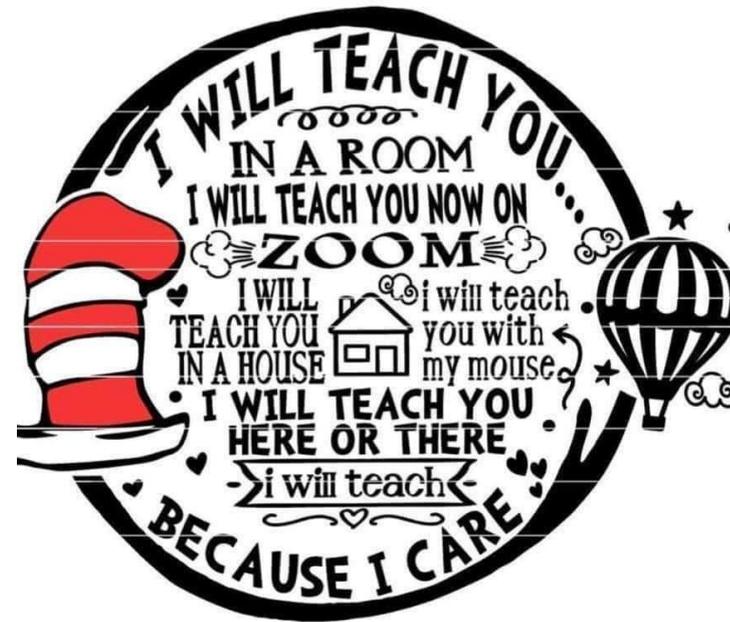


OFFICE OF ASTRONOMY
FOR DEVELOPMENT

The Caveats in Virtual Teaching of Astronomy

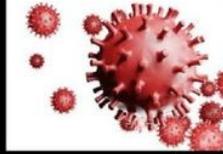
Priya Hasan
Asst Professor in Physics
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<https://shristiastro.com/>



ONLINE ASTRONOMY CLASSES

FOR SCIENCE TEACHERS AND
ASTRONOMY ENTHUSIASTS
18-23 MAY 2020
4.30 PM TO 6.00 PM IST



By
PRIYA HASAN
S N HASAN

Topics :
Essentials of Astronomy
The Solar System
The Life and Death of Stars
The World of Galaxies
Cosmology
Eyes to the Skies: Telescopes
Hands-on Demos: Telescope Making,
spectroscopes
Astronomy Olympiads, Careers in
Astronomy
Feedback and Discussion

Organised by JVV, Telangana

*Please register your name on or before 18-05-2020 at 5 pm to *Sri M. Venkatesh, * State Secretary, Jvv Telangana on his WhatsApp +91 99127 82075*

- 1. Name*
- 2. Profession*
- 3. Designation*
- 4. Working Place & District*
- 5. Mobile / WhatsApp number*
- 6. E mail ID*

Joy of Learning: Physics @ Home

4-5:30 pm, 15-20 June 2020

Areas to be covered:

- *Newton's Laws*
- *Gravity*
- *Simple Machines*
- *Pressure*
- *Optics*
- *Electricity & Magnetism*

Maximum 200 students:

Registration:
Online mode... Click the following link
<https://forms.gle/yiMJXqbGrC53hQDW7>

Selection on first come, first (register) basis.

Every 'Registered Student' should attend every class on all 6 days and complete timings. Those who submitted feedback and Quiz will get Certificate

Resource Persons:
Dr Priya Hasan
Prof S N Hasan
Maulana Azad National Urdu
University, Hyderabad, India



Results of Extraordinary call for COVID-19 related proposals

In May 2020, the IAU Office of Astronomy for Development issued an [Extraordinary Call for Proposals](#) that could use astronomy in any form to help mitigate some of the impacts caused by COVID-19. Together with the African Astronomical Society and African Planetarium Association, more than 800,000 ZAR (about 40,000 Euros) in grants have been awarded to 43 projects around the world that use various aspects of astronomy and the astro community to help communities suffering the negative impacts of COVID-19.

Summaries of projects are listed below (in alphabetical order). For more information on any of the projects, write to [info \(at\) astro4dev.org](mailto:info@astro4dev.org).

Astronomy from Archival Data

India and all over the world

The project will train students to use the high-quality astronomy data from various facilities. Participants will be shown step-by-step techniques of accessing and analysing astronomy data from the Internet, introduced to virtual observatory tools and programming techniques, and supported to formulate and develop projects. The training will include special sessions on report writing, publishing and presenting in scientific journals. More info at: <https://shristiastro.com/astronomy-from-archival-data/>



shristi astronomy

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REGISTER

Astronomy From Archival Data An IAU-OAD Project

848 Responses

India, Pakistan, Bangladesh, SriLanka, Nepal, Germany, Italy, UK,
USA, SA, Nigeria, Botswana, Namibia, Ghana, Columbia, Brazil,
Mexico, Philipenes, Indonesia, Thailand, Malaysia, China,
Japan...

23..countries

Something that students want!!!

Our Team



Dr Priya Hasan

Asst Professor

(Astronomy /Physics)

Prof S N Hasan

Professor

(Mathematics/Astronomy)

Maulana Azad National Urdu University, Hyderabad, India

Modus operandi

- Virtual teaching has been there for a while...
- Website designing and maintenance
- Social Media
- Contact: Telegram, Email
- Feedback: Homework, Quizzes, Polls
- Variety of Speakers: Mark Taylor, Luisa Rebull...

an incredible collection of learning material



sessions

links to videos and slides



reading material

reference articles and material to be downloaded



homework and quizzes

One quiz per week. One attempt only. Marks displayed.



software

links to software to be installed



syllabus



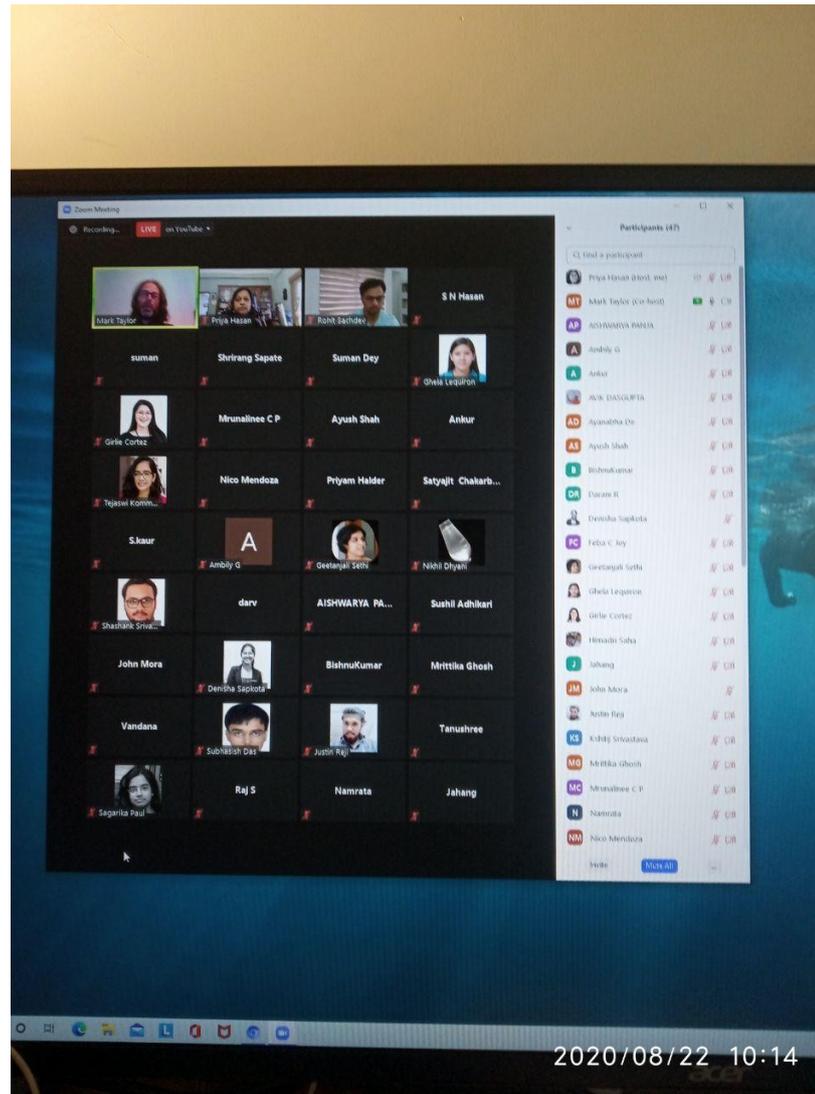
polls

Your valuable feedback

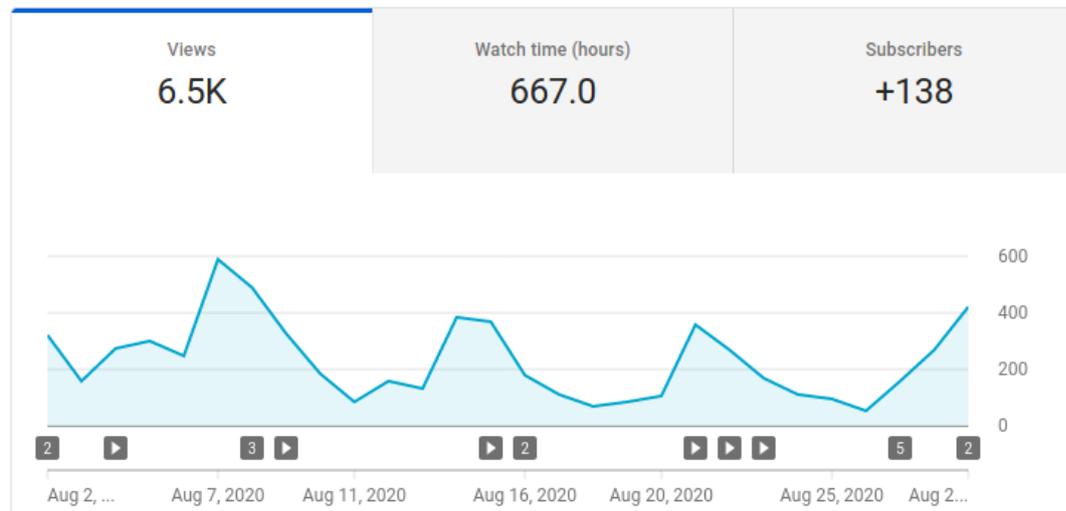
Caveats

- Planning events
- Dates: Saturday/Sunday mornings
- Recordings available so that students can join later as well as attend at their convenience
- Enabling subtitles
- Not all who register, attend!
- Variety of speakers: research scholars, faculty & participants
- Many resource persons happy to share their resources
- Level?
- Network issues, power...

Zoom (100)



Your channel got 6,452 views in the last 28 days



Video	+	Views ↓
<input type="checkbox"/> Total		6,450
<input type="checkbox"/> Zoom 1: Session on 1 August 2020 : Introduction to the course: Ast...		1,114 17.3%
<input type="checkbox"/> Zoom 3: Essentials of Astronomy 2		481 7.5%
<input type="checkbox"/> Zoom 4: Introduction to Jupyter Notebook (Python)		470 7.3%
<input type="checkbox"/> Zoom5: Virtual Observatory and some Tools		436 6.8%
<input type="checkbox"/> Lec 2A: Coordinate Systems 1: Prof S N Hasan		370 5.7%
<input type="checkbox"/> Lec 1A: An Introduction to Astronomical Data: Dr Priya Hasan		311 4.8%
<input type="checkbox"/> Zoom 2: 2 August: Q & A Celestial Coordinates, Stellarium Demo		293 4.5%
<input type="checkbox"/> Zoom 7: TopCat with Mark Taylor		284 4.4%
<input type="checkbox"/> Zoom6: Numpy and Matplotlib in Python		256 4.0%



▶ PLAY ALL

zoom

Astronomy from Archival Data

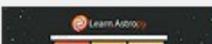
24 videos • 1,079 views • Updated yesterday

Public ▾

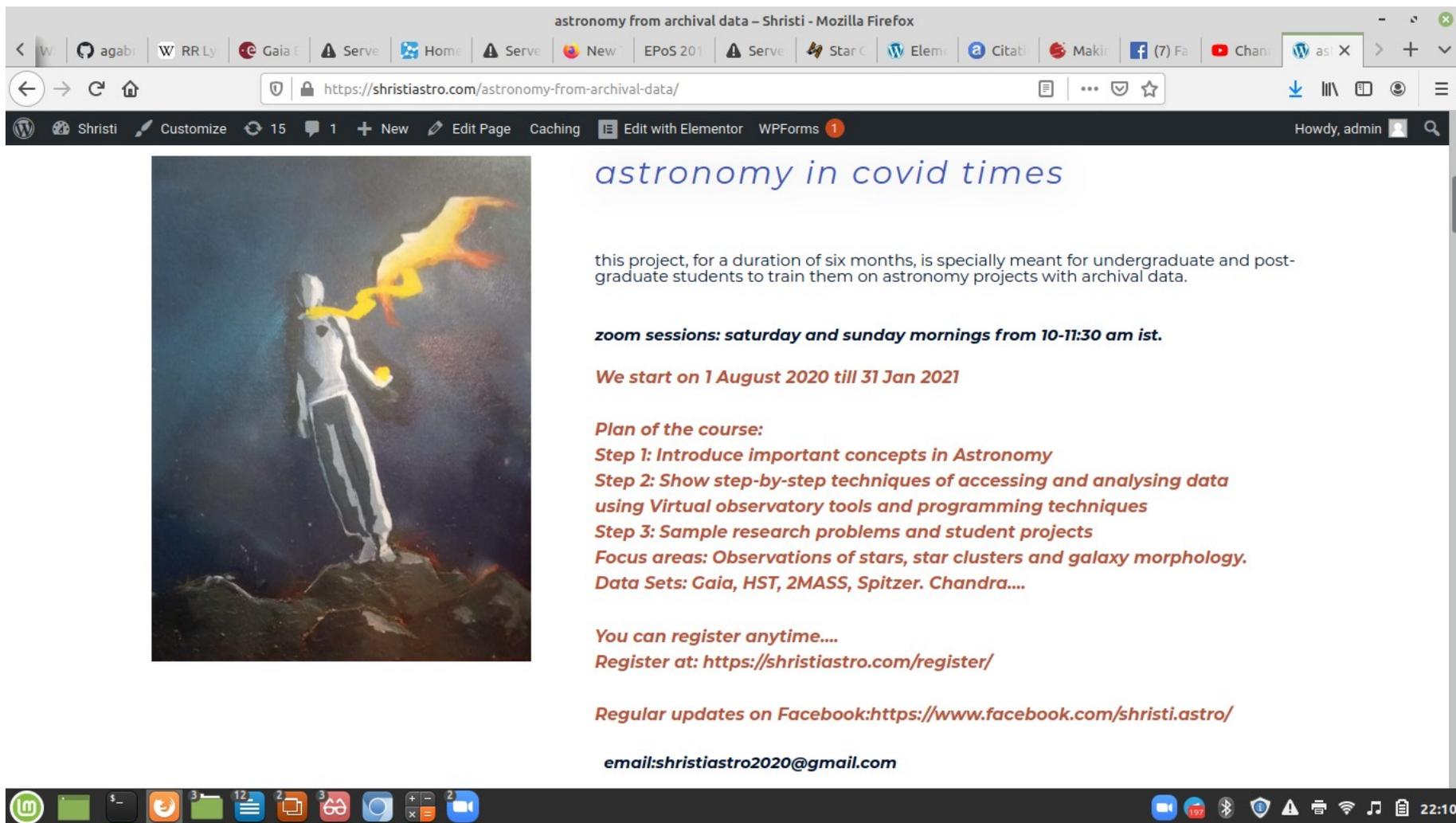


These are the videos of the talks and the zoom sessions on the Course. More details at: <https://shristiastro.com/astronomy-from-archival-data/> 

☰ SORT BY

-  **Zoom 11: Astropy - The Pythonista Astronomer's Toolkit-1**
Priya Hasan
1:07:59
-  **Zoom 10: Introduction to Astronomy Archives (Specifically IRSA)**
Priya Hasan
57:53
-  **IRSA Tutorial 0510: Introduction to Astronomy Archives (Specifically IRSA) for Priya Hasan**
IRSA IPAC
37:12
-  **Zoom 9: Introduction to Astronomy Archives (Specifically IRSA)**
Priya Hasan
1:23:36
-  **AstroPy**

A tour of our website.... <https://shristiastro.com/>



The screenshot shows a Mozilla Firefox browser window displaying the website 'astronomy from archival data - Shristi'. The address bar shows the URL 'https://shristiastro.com/astronomy-from-archival-data/'. The page content includes a large image of an astronaut on a rocky surface with a glowing yellow object in the sky. The text on the page is as follows:

astronomy in covid times

this project, for a duration of six months, is specially meant for undergraduate and post-graduate students to train them on astronomy projects with archival data.

zoom sessions: saturday and sunday mornings from 10-11:30 am ist.

We start on 1 August 2020 till 31 Jan 2021

Plan of the course:

- Step 1: Introduce important concepts in Astronomy**
- Step 2: Show step-by-step techniques of accessing and analysing data using Virtual observatory tools and programming techniques**
- Step 3: Sample research problems and student projects**

Focus areas: Observations of stars, star clusters and galaxy morphology.

Data Sets: Gaia, HST, 2MASS, Spitzer. Chandra....

You can register anytime....

Register at: <https://shristiastro.com/register/>

Regular updates on Facebook: <https://www.facebook.com/shristi.astro/>

email: shristiastro2020@gmail.com

A vibrant blue sky with white, fluffy clouds. Sun rays are visible, breaking through the clouds from the left side, creating a bright, hopeful atmosphere. The text is overlaid on this background.

*Looking forward to
contributions*

.....Thanks!!!