



# NAKSHATRA ASTRONOMY CLUB

*Modern Education Society's College of Engineering*

*AY 2021-22*

## **Event Name: IUCAA VISIT**

*Date: 05-11-2022*

*Time: 11-1 pm*

*Total Participants: 12 attendees*

*Place: IUCAA, Pune*

### **❖ Objectives:**

1. To encourage the participation by maximum students.
2. To develop students' interest towards Space and Technology.
3. To expose our members to various aspects of Astronomy and Astrophysics.
4. To encourage career paths in Astronomy and engage with the present communities who are contributing to it.

### **❖ Brief Description of Event:**

**Nakshatra Astronomy Club** organized the **IUCAA** visit on 5<sup>th</sup> November 2022. The visit was chiefly aimed at guiding students and develop students' interest towards Space and Technology. Our members gained lots of knowledge and practical understanding of almost every astronomical events. One instructor was appointed for us which explained every aspect of IUCAA from its infrastructure to its history, future projects and many more. The students of our college who

consistently took part in our Social Media Quiz also accompanied with us for this visit.

- **About the Event:**

- On 5<sup>th</sup> November 2022, we got an opportunity to visit IUCAA which is **Intern University Centre for Astronomy and Astrophysics**. We were accompanied by the winners of the Instagram Quiz contest held a week ago. The reporting time of the visit was given by IUCAA which was 11 am sharp near Chandrashekhar auditorium.
- The visit took off with one of the instructors from IUCAA giving an introduction of the visit and talking about infrastructure and history of this place. She explained how IUCAA does an attempt to express our own contemporary notations of what Universe is about?
- The site consists of three contiguous pieces of land, with two campus roads passing between them.
- One arrives down a road between two swerving black walls of local basalt stone, surmounted by courses of a deeper black Kadapa stone, topped finally by a glossy black granite (which reflects the sky and clouds above). This symbolizes that the gates of IUCAA are open for all at any time.
- Ahead to the right, lies the Kund – here transformed into a metaphor for our Expanding Universe. Also, there were the status of notable persons like Albert Einstein, Aryabhata, Newton and Galileo.
- They showed us the model of **LIGO** India on which they are currently working. This project is one the prosperous projects in Indian astronomical history which will detect gravity waves after various European countries, America and Japan.

- **Sneak Peaks of the Visit:**



Figure 1. IUCAA Science centre.



Figure 2. Model of LIGO-India.



Figure 3. Instructor giving insights of the LIGO-India project

## **Core Committee:**



## **Conclusion:**

“As areas of knowledge grow, so too do the perimeters of ignorance” on that note, we successfully completed our IUCAA visit, coming out as a great learner in the field of Astrophysics and Astronomy. The observations were carried out in well organized and interesting way by IUCAA.

The Visit was held in proficiently-organized way with the help of the Organizers of the Nakshatra Astronomy Club. Hence the event was conducted successfully with proper management.