

BHAUTHIKI

THE PHYSICS ASSOCIATION OF NITC

Annual Report 2023-24

The new committee took charge on the 15th of August, 2023 with the following core members

1. Venkat Bharath *Secretary*
2. Vishnuprathap K.P *Joint Secretary*
3. Abhishek L.P *Assistant Secretary*
4. Pavithra J.R *Treasurer*

Following interviews and other skill checks, the new committee inducted sophomores as junior executives, along with several other senior executives. The committee formed various teams for content writing, design, and event planning, assigning each junior executive to at least one team based on their interests. This committee organized several events and collaborated with other notable NITC clubs.

The major events conducted during this academic year are

- **Chandrayaan-3 Appreciation Event**

The new committee organized its first event. On August 23, 2023, the event took place. On the Indian lunar missions, Mr. Vishnuprathap, Ms. Meghaja, and Mr. Nirmal Shibu spoke. Ms. Gopika anchored the event. Mr. Mayank Bisht delivered the welcome speech and Mr. K. Venkat Bharath delivered the vote of thanks. We live-televised the landing of Chandrayaan-3 at the Raman Hall and two other classrooms in the department of physics. There were more than 300 participants.

- **Space and Entrepreneurship: Poster Design Contest**

Bhauthiki conducted an online poster design competition on the above topic as part of Space Week. The design team, led by Mr. Rohit Kumar Parbat, and core members formed the judging panel. The winners received certificates and books.

- **CosmiQuiz**

CosmiQuiz is a collaborative event between Bhauthiki and the Enquire Quiz Club. More than seventy people attended the event. This was the very first event for the first-year students, thereby establishing our presence among the juniors.

- **Expert Talks**

Anand Narayanan: *Baryons Across Time: Understanding the Large-Scale Structure of the Universe*

Dr. Anand Narayanan is a professor at the Indian Institute of Space Science and Technology, Thiruvananthapuram. On October 10, 2023, the talk took place at the Ramanujan Hall in the mathematics department. Ms. Sivapriya anchored the event. Mr. Nirmal Shibu delivered the welcome address and Mr. Akshay.E.G delivered the vote of thanks. More than 100 attendees were present.

Smijesh N: *The World of Attosecond AMO Science*

Dr. Smijesh N is an assistant professor at MG University, as well as an adjunct research fellow at the Australian attosecond science facility. On January 15, 2024, the talk took place at Ramanujan Hall in the mathematics department. Ms. Sanksriti Saxena anchored the event. Mr. Lukhman Ummer delivered the welcome speech and Mr. Mohammed Haneef V.A delivered the vote of thanks. More than 100 attendees were present.

- **The Alumni Connect program**

An interactive session with Ms. Dishiti Gupta.

2012-16 batch, currently pursuing PhD, Norwegian University of Science and Technology

The event was exclusive to physics department members. The session was insightful, and students could clarify many doubts regarding pursuing a graduate degree abroad.

The current committee has been able to conduct numerous events and has unofficially volunteered for many of the department's events. The current committee is still planning to organize more events online during the semester break. The current committee will continue its operations until August 14th, 2024, after which it will hand over the association to the new committee.