

# Indian Institute of Technology (BHU)

Varanasi, 221005

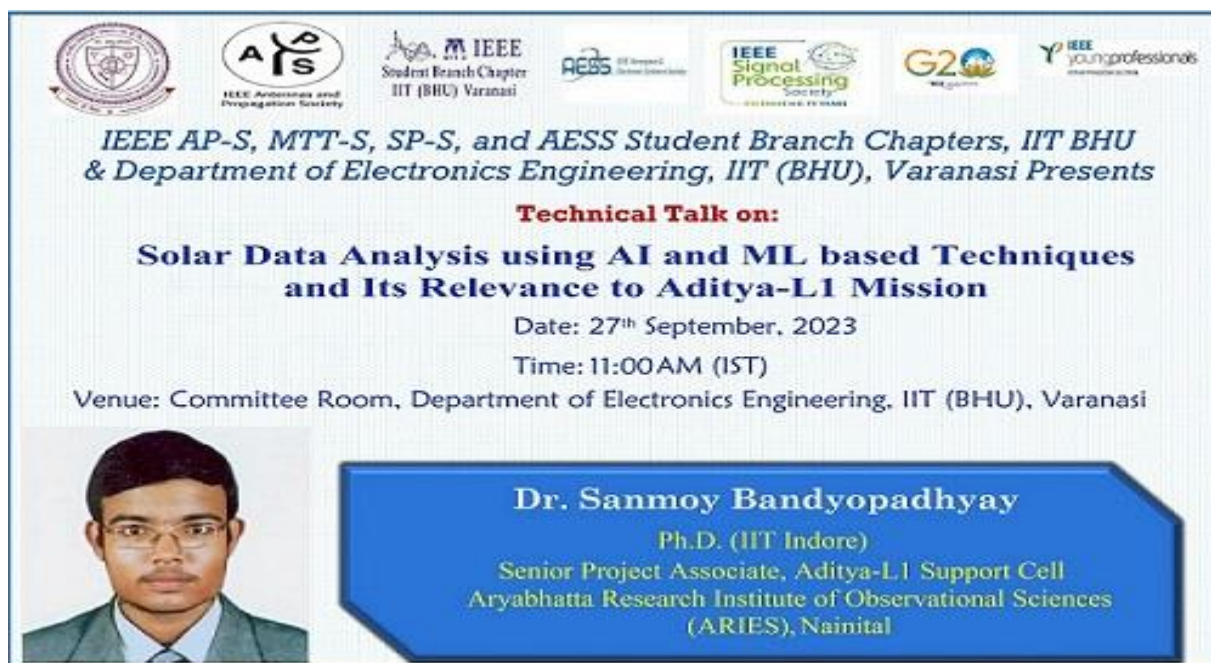
Department of Electronics Engineering with collaboration of  
IEEE AP-S, IEEE-MTT, IEEE SP, & IEEE AESS - Student Branch Chapters

## Report on Technical Talk

Name of the Event : “Solar Data Analysis Using AI & ML Based Technique & Its Relevance to Aditya-L1 Mission”  
Date & Time : 27.09.2023; 11:00 AM to 12:30 PM (IST)  
Venue : Committee Room, Electronics Engineering  
No. of Participants : 17 Students + Staff

## About the Event

A one-day technical talk on “**Solar Data Analysis Using AI & ML Based Technique & Its Relevance to Aditya-L1 Mission**” was organized by Electronics Department at the Committee Room on Wednesday, 27.09.2023 at Indian Institute of Technology (BHU). **Dr. Somak Bhattacharyya** (Associate Professor Electronics Engineering and Faculty Advisor IEEE-MTT-s (SBC)) had welcome the Keynote Speaker **Dr. Sanmoy Bandyopadhyay** from **ARIES, Nainital**. On account of the technical talk on “**Solar Data Analysis Using AI & ML Based Technique & Its Relevance to Aditya-L1 Mission**”, the resource person spoke briefly on recently launched Aditya-L1 Mission, & its relevance to the Indian Space Program & development. The technical talk was very interesting and gave the opportunity to discuss about the recent advancement in the Solar Data Analysis using AI & ML techniques. The program was successfully concluded by presenting memento as token of gratitude by **Dr. Omjee Pandey** to the resource person. With a formal vote of thanks by **Dr. Somak Bhattacharya**, the event has been concluded.




The poster features logos at the top for IIT BHU, IEEE AP-S, IEEE MTT, IEEE SP, IEEE AESS, IEEE Signal Processing Society, G20 India 2023, and IEEE Young Professionals. The main text reads: "IEEE AP-S, MTT-S, SP-S, and AESS Student Branch Chapters, IIT BHU & Department of Electronics Engineering, IIT (BHU), Varanasi Presents Technical Talk on: Solar Data Analysis using AI and ML based Techniques and Its Relevance to Aditya-L1 Mission". It specifies the date as 27th September, 2023, and time as 11:00AM (IST). The venue is the Committee Room, Department of Electronics Engineering, IIT (BHU), Varanasi. A portrait of Dr. Sanmoy Bandyopadhyay is shown on the left, and a blue box on the right contains his name, title (Ph.D. (IIT Indore), Senior Project Associate, Aditya-L1 Support Cell, Aryabhata Research Institute of Observational Sciences (ARIES), Nainital), and affiliation.

IEEE AP-S, MTT-S, SP-S, and AESS Student Branch Chapters, IIT BHU  
& Department of Electronics Engineering, IIT (BHU), Varanasi Presents

**Technical Talk on:**  
**Solar Data Analysis using AI and ML based Techniques  
and Its Relevance to Aditya-L1 Mission**

Date: 27<sup>th</sup> September, 2023  
Time: 11:00AM (IST)  
Venue: Committee Room, Department of Electronics Engineering, IIT (BHU), Varanasi

**Dr. Sanmoy Bandyopadhyay**  
Ph.D. (IIT Indore)  
Senior Project Associate, Aditya-L1 Support Cell  
Aryabhata Research Institute of Observational Sciences  
(ARIES), Nainital

