Indian Institute of Technology (BHU)

Varanasi, 221005

Department of Electronics Engineering

IEEE SPS - Student Branch Chapter

Report on Technical Talk

Name of the Event: “Technical Talk on “Solar Data Analysis using AI and ML based Techniques and Its Relevance to Aditya-L1 Mission”

Invited Speaker: Dr. Sanmoy Bandhopadhyay (Senior Project Associate, Aditya-L1 Support Cell, Aryabhatta Research Institute of Observational Sciences (ARIES), Nainital, India)

Date & Time: 27.09.2023 & 11:00 AM to 12:00 PM (IST)

Venue: Committee Room, Department of Electronics Engineering, IIT (BHU) Varanasi

No. of Participants: 20

**About the Event**

On 29th September 2023 a technical talk was organised by IEEE SPS- Student Branch Chapter, IIT (BHU) Varanasi on the topic “Solar Data Analysis using AI and ML based Techniques and Its Relevance to Aditya-L1 Mission” by Dr. Sanmoy Bandhopadhyay (Aryabhatta Research Institute of Observational Sciences (ARIES), Nainital, India). The event started with an introductory speech by Mr. Bharat Bhushan Upadhyay (Chair-Person, IEEE SPS-SBC IIT (BHU) Varanasi) followed by the technical talk by our invited speaker. In this talk he explained the ongoing Aditya-L1 mission of Indian Space Research Organisation (ISRO) and the analysis and processing of solar data related to the Aditya-L1 Mission using AI/ML techniques, students were also very interactive with the speaker regarding their doubts on this topic. The talk was concluded with the vote of thanks by Dr. Somak Bhattacharya (Associate Professor, IIT (BHU) Varanasi) and memento presentation to the speaker by Dr. Om Jee Pandey (Assistant Professor, IIT (BHU) Varanasi).



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