

## **Report on 3-day webinar series on ‘Sustainable Energy’**

While the entire world is battling against the Covid-19 pandemic, organizing conferences, seminars, workshops, etc physically are now not possible due to several restrictions. However, sharing of knowledge cannot stop. Keeping this in mind the department of Electronics & Communication Engineering of B.P. Poddar Institute of Management & Technology organized a 3-Day Webinar Series on 'Sustainable Energy' from 17<sup>th</sup> -19<sup>th</sup> June 2021. With the constant depletion of the fossil fuels and also need for decrease in pollution level prompted the world to voice for sustainable energy. The department of Electronics & Communication Engineering of B.P. Poddar Institute of Management & Technology also thinks this is the need of the day and hence wanted to arrange this webinar series.

Keeping all Covid-19 restrictions in view, the event was conducted via Google Meet where more than 100 participants of different universities, colleges, research institutes etc. from pan India joined actively to make it a great success.

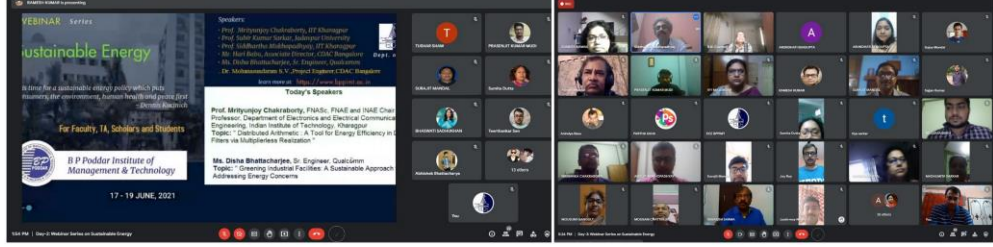
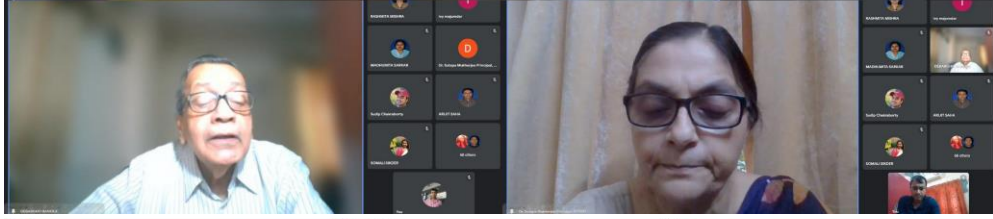
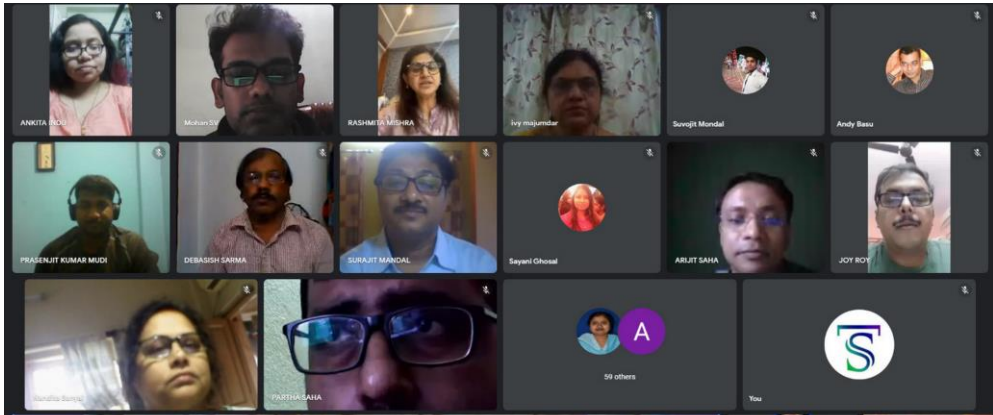
The event was inaugurated on 17<sup>th</sup> June by the Principal of B.P. Poddar Institute of Management & Technology Prof. Dr. Sutapa Mukherjee. Then Prof. Dr. B.N. Chatterji, Former Dean (Academic) and Emeritus Professor BPPIMT shared his valuable views followed by Dr. Ivy Majumdar, HOD (ECE) who discussed the need of such events. Finally Dr. Arijit Saha, Jt.Convener of the Webinar series on ‘Sustainable Energy’ shared his views for choosing this area for conducting the event and welcomed all the participants.

The inauguration session was followed by the lecture by Dr. Mohonasundaram S.V., Project Engineer, CDAC Bangalore, who delivered a talk on “Renewables for IoT”. At the end of the session on behalf of the department of Electronics & Communication Engineering, Dr. Mohonasundaram was awarded the Citation of Honour by Ms. Rashmita Mishra.

On the second day of 18<sup>th</sup> June, Prof. Dr. Mrityunjoy Chakraborty, Professor, Department of Electronics and Electrical Communication Engineering, IIT Kharagpur, delivered his talk on “Distributed Arithmetic: A Tool for Energy Efficiency in Digital Filters via Multiplierless Realization” in the first session. Dr. Somali Sikder handed over the Citation of Honour to Prof. Dr. Mrityunjoy Chakraborty. The second speaker of the day was Ms. Disha Bhattacharjee, Sr. Engineer, Qualcomm. She enlightened the audience by her excellent session on “Greening Industrial Facilities: A Sustainable Approach for Addressing Energy Concerns”. Dr. Debarati Dey handed over the Citation of Honour to Ms. Disha Bhattacharjee.

The first speaker for 19<sup>th</sup> June was Prof. Dr. Subir Sarkar, Professor, E.C.E. Department, Jadavpur University. He delivered his talk on “Non-conventional solar cells developing cost effective sustainable Green Energy”. The Citation of Honour to Prof. Dr. Subir Sarkar was handed over by Ms. Sujata Pal. The second speaker of the day was Prof. Dr. Siddharto Mukhopadhyay, Professor, E.E. Department, IIT Kharagpur, who enlightened the audience by his excellent session on “Energy management for Hybrid Electric Vehicle”. Ms. Susmita Biswas handed over the Citation of Honour to Prof. Dr. Siddharto Mukhopadhyay. A feedback from all participants was collected each of the three days at the end of the sessions.

All the sessions of the event were quite interactive which created an excellent learning ambience during the webinar. In the valedictory session, views were shared about the workshop by Prof. Dr. B. N. Chatterji, where he mentioned the need of more such events in future. After that Dr. Ivy Majumdar, HOD, ECE Department congratulated the entire team for organizing such a successful event. She also extended her heartfelt thanks to all the participants. The event was concluded by a vote-of-thanks delivered by Dr. Surajit Mandal, Jt. convener of the event.



The image is a screenshot of a Zoom webinar interface. At the top, there are three panels: a grid of participant thumbnails on the left, a central presentation slide, and a grid of thumbnails on the right. The central slide is titled "Webinar Series" and "Greening Industrial Facilities: A Sustainable Approach for Addressing Energy Concerns". Below the title, it lists the host, "Hosted by: Dr. Disha Bhattacharjee, IIT Kanpur". The presentation slide features a green background with a stylized cityscape graphic.

The main part of the screen shows a large video feed of a woman with glasses and a red top, identified as "disha bhattacharjee". To her right is a list of participants, including DEBARATI DEY, IVY MAJUMDAR, SURAJIT MANDAL, ABHILIT MUKHOPA..., Vidatrayee Chakra..., MADHUMITA SARK..., RASHMITA MISHRA, RAMESH KUMAR, Teerthankar Sen, ARUNDHATI SENG..., ABHILIT SAHA, Sovojit Mondal, sumita sinha, Sumita Dutta, PRASENJIT KUMAR..., Sujoy Mondal, Umesh Pal, Saewati De, and 52 others.

At the bottom of the screen, there are two more grids of participant thumbnails. The left grid shows a large number of participants, and the right grid shows a smaller number. The bottom status bar indicates the time as "4:38 PM" and the session as "Day-2: Webinar Series on Sustainable Energy".