



NETAJI SUBHAS OPEN UNIVERSITY

(Accredited by NAAC with 'Grade-A')

Report of the National Webinar

On

EDUCATION FOR ENVIRONMENT

28th February, 2024; 6.30pm to 9:00 pm; Mode: Online through ZOOM

Organised by: School of Education, NSOU

Participants: around 51 including faculty, scholars, learners, alumni and others.

Convenor: Dr. Papiya Upadhyay & Dr. Sibaprasad De, SoE, NSOU.

Perspectives of the Programme

For Celebrating the National Science Day & Observing National Environmental Education Month February, 2024, this programme was conducted on 28th Feb. 2024 as per initiative taken by the Director Dr. A.N. Dey, School of Education, NSOU. It is to mention that National Science Day is Celebrated in India on 28 February each year since 1987 to mark and remember the magnificent discovery of 'Raman Effect' by Indian Physicist C.V. Raman on 28th Feb. 1928, for this discovery for which he was Awarded the Nobel Prize in 1930.

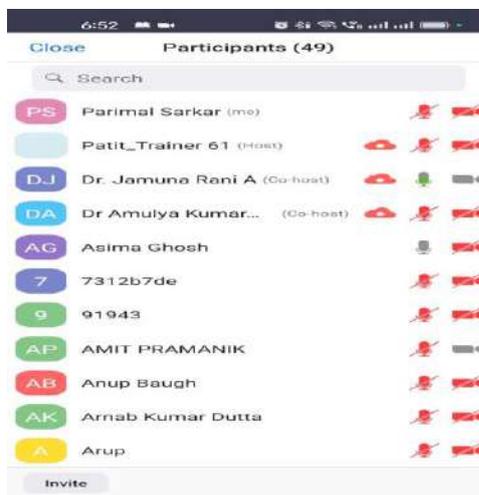
In every year a theme is proposed to celebrate the National Science Day by DST which highlights the crucial aspects of India's scientific endeavour and its social implication. The theme of this year 2024 is "Indigenous Technologies for Viksit Bharat". Significance of observing this day is – it recognises the pivotal role of science in our lives. It screens as a reminder of India's scientific achievements and contributions to the global landscape. The need for self-reliance in science, addressing issues important for Humanity.

In this content, to follow the reformative structure of curriculum and for conducting awareness programme as per NEP 2020, this National Webinar on "Education for Environment" was organised by the School of Education, NSOU for observing National Science Day as well as "National Environmental Education Month Feb, 2004" in relation to "Viksit Bharat".

Sequences of the Programme:

- ◆ The Webinar Programme was initiated and compered by Dr. Sibaprasad De, Professor, SOE, NSOU with relevant introduction of perspectives and objectives of organizing the Programme.

- ◆ Dr. Papiya Upadhyay, Asst. Professor, SOE, NSOU and Jt. Convener of the Programme introduced the speakers with her usual pleasant lucid manner and precisely mentioned their field of contributions as well as achievements. She welcomed all the speakers to deliver their lectures.



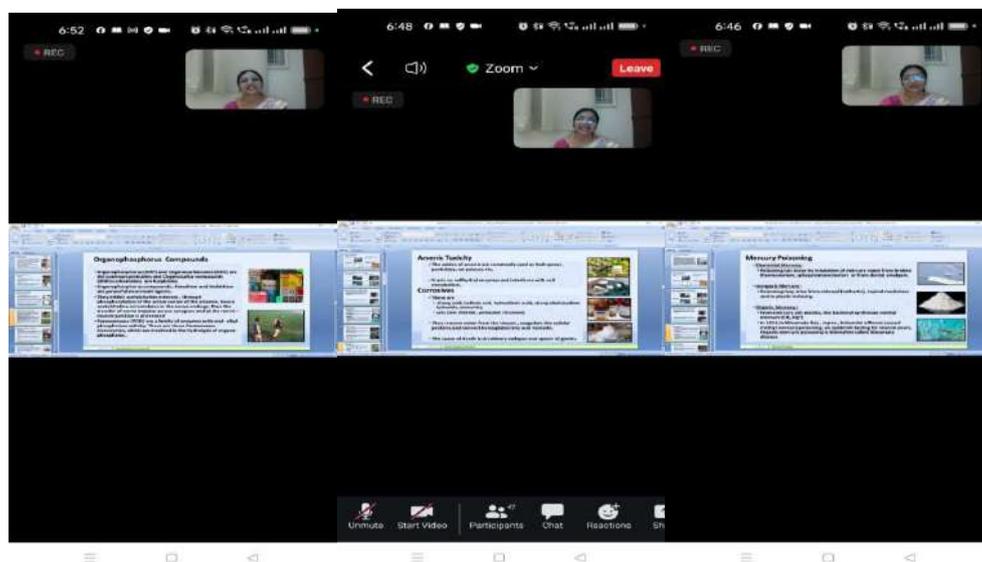
Photos of Participant over the Programme

- ◆ It is to mention once again that respected Dr. Atindra Nath Day, Director, SOE, NSOU inspired us and took the initiative to organise the webinar. He was supposed to deliver the welcome Address, but due to his busy schedule he was not able to attend the Webinar. So, in his absence Prof. D.P. Nag Chowdhury of SOE, NSOU presided over the programme.

Plenary Lecture-1

- ◆ The 1st Plenary Lecture was delivered by Dr. A. Jamuna Rami, Professor, Department of Biochemistry, Sree Balaji Medical College and Hospital Shankar Nagar, Chromepet, Chennai, Tamil Nadu, on the topic entitled, “Heavy Metal Poison and Environmental Pollution”. She beautifully presented her talk through PPT slides in a very pleasant manner with lucid melodious voice. She categorically emphasized on different types of Environmental Pollutants. She mentioned the different cases of Heavy Metals Poison Viz. Lead Poisoning Mercury Poisoning Aluminium Toxicity, Arsenic Toxicity & Cyanide Poisoning Effect of some Irritants and Pesticides were discussed viz. Phosphorus, Neurotoxins, Pesticides & Irecticades, Organophosphorous compounds. In this context, occupational and Industrial Hazards, like Bisphenol Toxicity, Freon and chloro-fluoro-methane, Melland etc. were

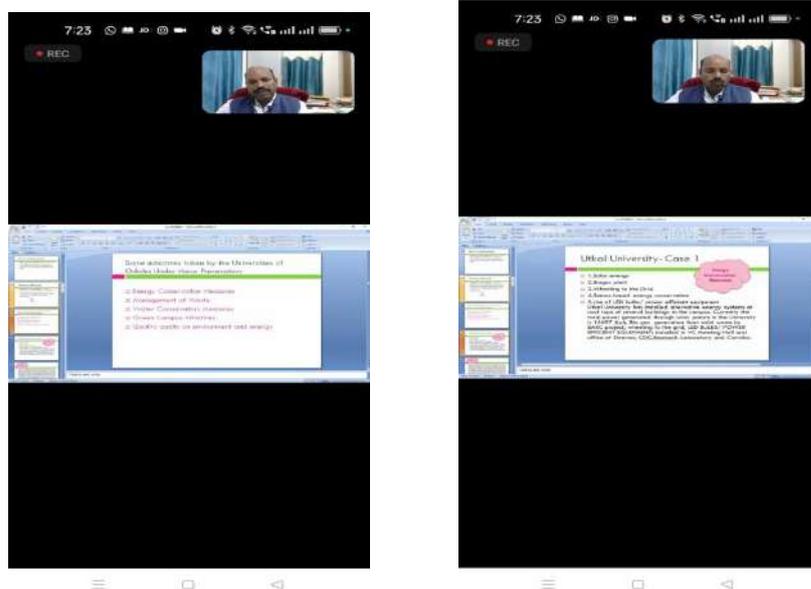
elucidated, she also mentioned some heavy metal present as Air pollutants in relation to human disease and her discursion, she categorised some toxic substances present in Food stuff, Pollutants in Household articles and cosmetics that may contain. She made spontaneous discussion on the topic which was enjoyed by all. She triggered the thoughts of poisonous effects of chemical environment, especially on human being.



Plenary Lecture-2

Dr. Amulya Kumar Acharya, Associate Prof. of P.G. Dept. of Education, Fakir Mohan University, Balasore Odisha delivered the lecture on “Role of Universities for Promoting Eco-friendly Environment” Dr. Acharya made us acquainted with different activities of the University to be done and promote the eco-friendly convenient ambiance. What different activities to be taken up, how these can be implemented and also focussed on to achieve the outcomes for developing eco-friendly environment. Dr. Acharya started his lecture with research for sustainable technologies, along with campus operation of Green campus initiatives and sustainable transportation, Community engagement & Student involvement. He illustrated some aspects of policy Advocacy and Innovation & Entrepreneurship. He also emphasized on Events and conferences in their implications for developing awareness. With leading efforts of the Universities for sustainability in Eco-friendly environment. Dr. Acharya Cited some examples of some Universities and initiatives taken from their end to make the campus and adjacent place/area eco-friendly, in relation to solar Energy, Bio-gas Plant, Sensor based Energy Conservation, Use of LED bulbs, water conservation measures taken, green campus development, Management of Wastes including e-management and biomedical waste management etc. Everyone was enriched by his lecture

for developing scopes and opportunities in the Institutions. We all enjoyed the lecture with the beautiful slides showcased by him.



Plenary Lecture-3

Dr. Naba Kumar Mondal, Professor, Dept. of Environmental Science, Burdwan University, Burdwan, West Bengal delivered his lecture on “Environmental Crisis and Sustainable Development” His lecture was mainly focussed on new emerging pollutants in the Environment, leading to environmental crisis which is an inconvenient truth in relation to Predictive Research of future problems, hazards, and detrimental effects over a certain period of years. His interesting fact-finding research-based lecture was mostly on the effects of pollutants in our day-to-day life at present and in near future. His elucidation on using of household, articles and their harmful effects on human body in particular and environment in general amazed all. All the participants enjoyed the PPT-slides shown by him, with keen interest and were listening. The thoughtful consequences of the harmful effects of daily useable things viz. Use of Plastic Bottles, Nail Polish, Frozen Fish, Electric-articles (including mobile phones etc.), Burning of plastics, Sun-screen lotions, mosquito coils etc. Dr. Mondel Focused also on reducing the effects, use of substitutes of those harmful articles along with approaches of the solution of the problems to overcome, He cited some recent researches on waste management to produce the beneficial outcomes, out of waste pollutants. His exciting lecture was very impressive on Limitation of use of polymers, natural herbicidal compounds for controlling the mosquito & other vectors that spread the diseases and causes organ specific disorders on human. His adverting thoughts and ideas, depending on the fact-

finding researches of pollutants which arise from use of chemical fertilizers, smog, pollutant water & Litter and possible probable solutions of overcoming the problems, influenced the audience and overwhelmed all.

Presidential Address, after completion of the plenary lecture(s), was delivered by Dr. Debi Prosad Nag Chowdhury, Professor, SOE, NSOU. He expressed his gratitude to the Speakers for having such charming, thoughtful & need based lectures on this auspicious day in relation to celebration of Science Day and 'Education for Environment'. He emphasized on the implication of such organised awareness programme and conveyed his gratitude to all for successful completion of this National Webinar on "Education for Environment", in absence of our Director Dr. A.N. Dey, School of Education, NSOU due to his busy schedule elsewhere. Dr. Mukti Ganguly, Professor, SOE, NSOU extended her vote of thanks, after completion of Presidential address, to the organisers, convenor, speakers, faculties, staff & students, Team Lease and others, including chief Patron Hon'ble Vice-Chancellor, and Registrar, & other officers & officials of NSOU and audience /participants.

The Programme clinched with the encouraging remarks of the Jt.Convener, Dr. Sibaprasad De, Professor, SOE, NSOU on the uniqueness of the programme and enrichment with different aspects of science, especially with 'Education for Environment', and extending thanks & gratitude to all once again.

Report Prepared by-

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