



A REPORT OF WEBINAR CONDUCTED ON THE TOPIC OUTLOOK ON SUSTAINABLE BIOFUELS

Name of the Event : **Outlook on Sustainable Biofuels**

Date of the event : 03 June 2022

Name of the speaker : Dr. Hemanathan Kumar

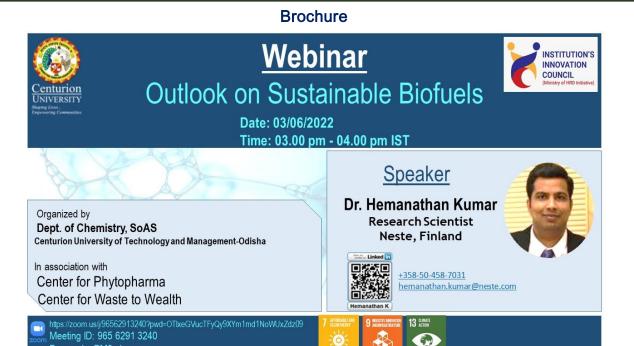
No. of participants : 92

A webinar has been organised by the department of Chemistry, SoAS, CUTM-Paralakhemundi in association with Phytopharma and Waste to Wealth Research Centers on the eve of World Environment Day on 3rd June 2022. Dr. Hemanathan Kumar, Research Scientist from Neste Corporation, was invited to deliver a talk on the topic "Outlook on Sustainable Biofuels". Many faculty members and students from Department of Chemistry as well as other departments attended the webinar. Dr. Narayan Gouda, HoD, Department of Chemistry, welcomed the speaker and Dr. Rosy Mallik gave the introduction of the guest to the participants. Neste Corporation is a leading biofuel producer and oil refinery in Finland. They are involved actively in combating climate change. They have developed techniques to refine waste oil and other innovative raw materials to produce renewable biodiesel.

Dr. Hemanathan Kumar has research experience in biodiesel production from various sources such as fresh water algae and recovering of by-products from alkaline pulping. He has worked with leading scientists and professors in the above research areas.

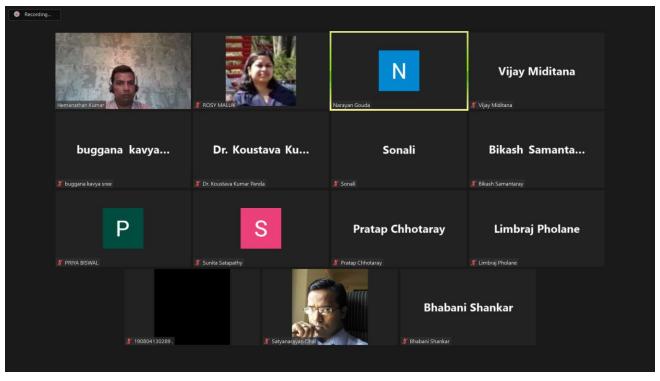
Dr. Hemanathan discussed about the measures taken by Finland and Neste corporation to reduce pollution caused by fossil fuel combustion. He mentioned that Finland has incorporated 20% of biofuel into the existing fuel supplies to reduce traffic pollution. He also gave information about production of bioethanol as well as other by-products from bamboo being carried out in Assam, India with the technological assistance of Fortum-Finland. He discussed about different methods of biodiesel and renewable diesel

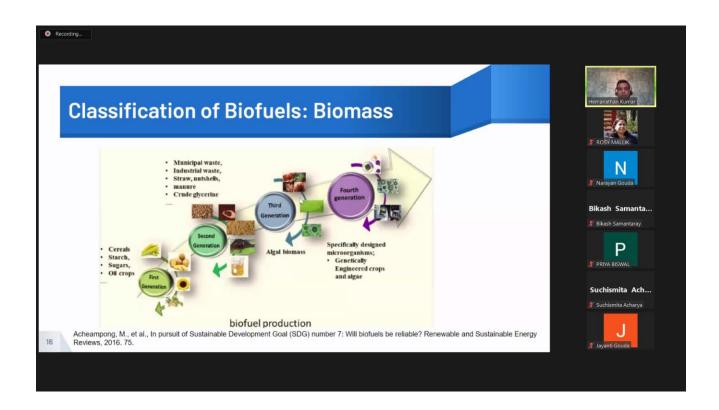
production. He answered the queries asked by many faculties and students. It was a highly informative and interactive session.

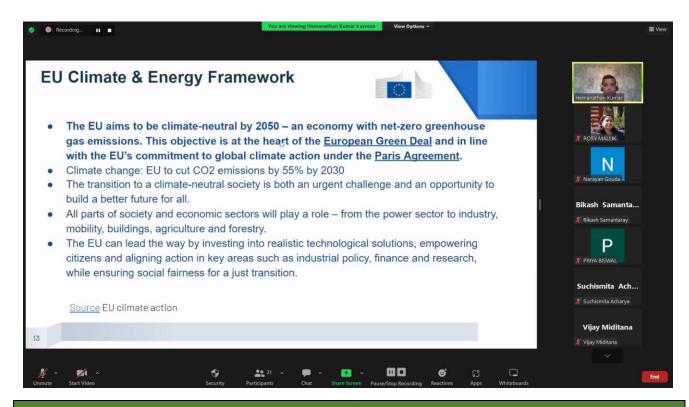


Snapshots from the webinar

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After the presentation and discussions, the concluding remarks and vote of thanks were given by Dr. Narayan Gouda, HoD Dept. of Chemistry.

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