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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.

Brochure

Webinar
Outlook on Sustainable Biofuels

Date: 03/06/2022
Time: 03.00 pm - 04.00 pm IST

Organized by
Dept. of Chemistry, SoAS
Centurion University of Technology and Management-Odisha

In association with
Center for Phytopharma
Center for Waste to Wealth

Speaker
Dr. Hemanathan Kumar
Research Scientist
Neste, Finland

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Meeting ID: 965 6291 3240
Passcode: PM3pJc

7 AFFORDABLE AND CLEAN ENERGY
9 INDUSTRY INNOVATION AND INFRASTRUCTURE
13 CLIMATE ACTION

Snapshots from the webinar

Recording...

Hemanathan Kumar

ROSY MALLIK

Narayan Gouda

Vijay Mditana

buggana kavya...

Dr. Koustava Ku...

Sonali

Bikash Samanta...

PRIYA BISWAL

Sunita Satapathy

Pratap Chhotaray

Limbraj Pholane

190804130289

Satyanarayan Chai

Bhabani Shankar

Recording...

Classification of Biofuels: Biomass

biofuel production

Acheampong, M., et al., In pursuit of Sustainable Development Goal (SDG) number 7: Will biofuels be reliable? Renewable and Sustainable Energy Reviews, 2016. 75.

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Hemanathan Kumar
ROSY MALLIK
Narayan Gouda
Bikash Samanta...
Bikash Samantaray
PRIYA BISWAL
Suchismita Ach...
Suchismita Acharya
Jayanti Gouda

Recording... You are viewing Hemanathan Kumar's screen View Options

EU Climate & Energy Framework

- The EU aims to be climate-neutral by 2050 – an economy with net-zero greenhouse gas emissions. This objective is at the heart of the European Green Deal and in line with the EU's commitment to global climate action under the Paris Agreement.
- Climate change: EU to cut CO2 emissions by 55% by 2030
- The transition to a climate-neutral society is both an urgent challenge and an opportunity to build a better future for all.
- All parts of society and economic sectors will play a role – from the power sector to industry, mobility, buildings, agriculture and forestry.
- The EU can lead the way by investing into realistic technological solutions, empowering citizens and aligning action in key areas such as industrial policy, finance and research, while ensuring social fairness for a just transition.

[Source](#) EU climate action

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Unmute Start Video Security Participants 21 Chat Share Screen Pause/Stop Recording Reactions Apps Whiteboards End

Hemanathan Kumar
ROSY MALLIK
Narayan Gouda
Bikash Samanta...
Bikash Samantaray
PRIYA BISWAL
Suchismita Ach...
Suchismita Acharya
Vijay Miditana
Vjay Miditana

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

List of Registered participants

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