

Azadi ka Amrit Mahotsav
to commemorate 75 years of progressive Independent India

REPORT OF THE TWELFTH EVENT

“Webinar on Offshore Wind Energy”

NIWE with the support of MNRE has scheduled sixteen events to commemorate 75 years of progressive Independent India (Azadi Ka Amrit Mahotsav).

The twelfth event, “Webinar on Offshore Wind Energy” was successfully conducted on 10th May 2023.

The announcement about the event carrying the instructions was hosted in NIWE website and circulated through Social Media pages along with the Flyer given below.

Azadi Ka Amrit Mahotsav
to commemorate the 75 years of progressive Independent India

G20
INDIA 2023

As part of the Azadi ka Amrit Mahotsav, NIWE has scheduled sixteen (16) Events with the support of Ministry of New and Renewable Energy (MNRE)

12th
EVENT

Webinar on OFFSHORE WIND ENERGY

10th May 2023
4.00 - 5.00 pm

Speaker
Dr. RAJESH KATYAL
Director General (Additional Charge)
NIWE

Registration Link : <https://forms.gle/vAowyVCz7DxSTkm79>

For more information, please contact **Dr. P. KANAGAVEL**
Director and Head, Skill Development and Training & Infrastructure Management Division
Mobile : +91 9445798007 Ph. : +91-44-22463982 / 83 / 84 E-mail : pkanagavel@niwe.res.in

NATIONAL INSTITUTE OF WIND ENERGY
An autonomous Research & Development Institution
Ministry of New and Renewable Energy, Government of India
CHENNAI

The event was conducted online, enabling large number of participants to take part in the Webinar.

REGISTRATION

After the announcement, 207 candidates registered and 72 participants have attended the event.

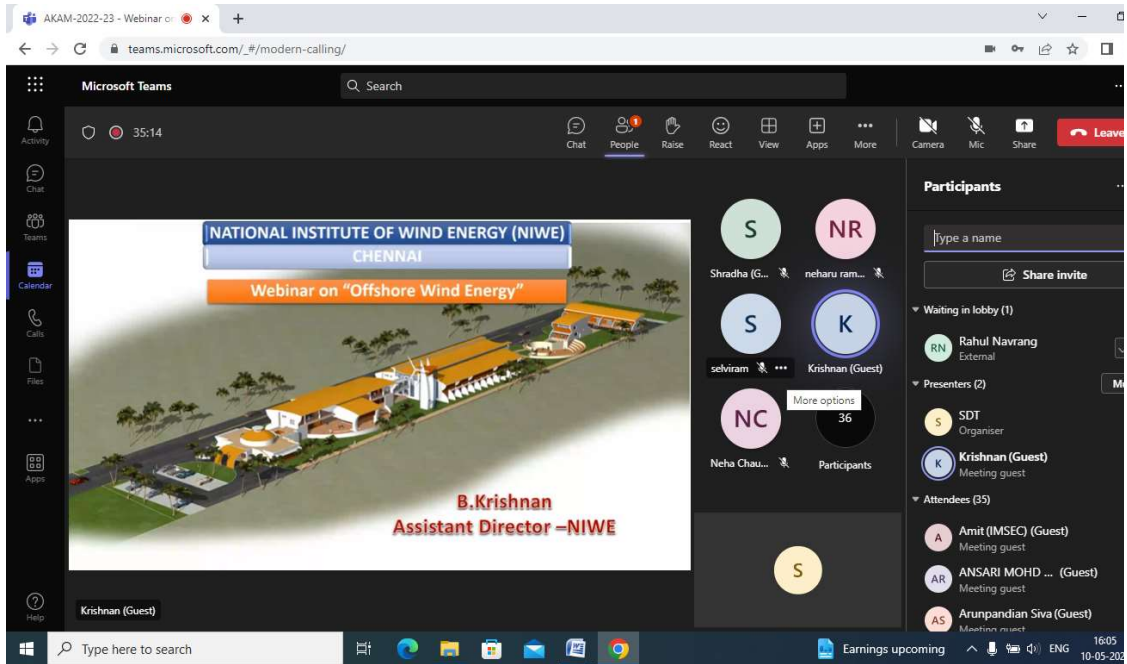
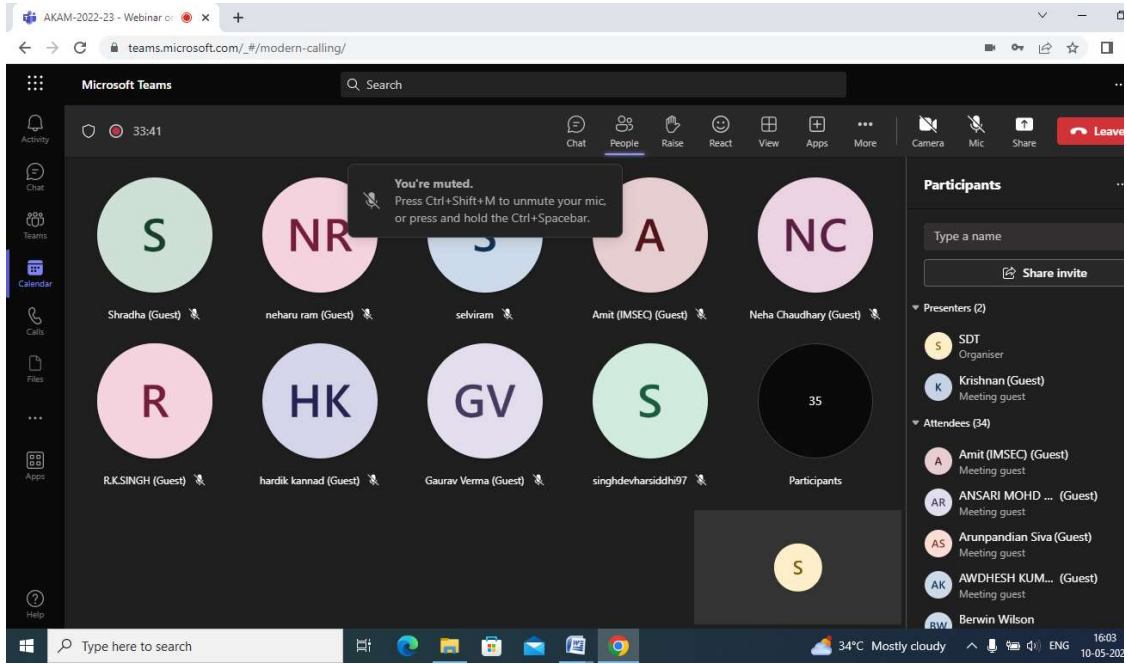
PROGRAMME SCHEDULE

Date	Time	Webinar Topic	Speaker
10th May 2023	4.00 - 5.00 pm IST	Offshore Wind Energy	Shri. B.KRISHNAN Assistant Director (Technical) Offshore & Data Analytics Unit, NIWE

As per the announcement, the speaker for the Webinar was Dr. Rajesh Katyal, Director General (Additional Charge). But due to his urgent preoccupation he was unable to make it and instead Shri. B. Krishnan presented the Webinar.

The speaker gave a detailed presentation on Offshore Wind Energy and since the topic was trending and has great potential, the participants evinced lot of interest by asking questions and clearing their doubts. All the doubts and queries raised by the participants were clearly explained and clarified by the speaker. The participants were very much satisfied with the presentation and had reciprocated the same by appreciating and thanking the speaker. In addition, they expressed their thanks to NIWE / MNRE for hosting this webinar under the event of Azadi ka Amrit Mahotsav.

Gallery of the 12th Event




AKAM-2022-23 - Webinar

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36:04

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limit warming globally to 1.5C.

- India's per capita electricity consumption was 1255 kWh in 2021-22
- Projection : 2911-2924 kWh in 2040

1. Net Zero by 2070
2. Carbon emission by 1bn tonnes till 2030
3. RE contribution 50% by 2030
4. Carbon Intensity 45% by 2030
5. RE Target 500GW by 2030

Participants

Type a name

Share invite

Presenters (2)

- SDT (Organiser)
- Krishnan (Guest) (Meeting guest)

Attendees (37)

- Amit (IMSEC) (Guest) (Meeting guest)
- ANSARI MOHD ... (Guest) (Meeting guest)
- Arunpandian Siva (Guest) (Meeting guest)
- AWDHESH KUM... (Guest) (Meeting guest)
- Berwin Wilson

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Offshore Advantages

- Higher generation
- Surfaces of seas are generally smooth.
- Low Roughness
- less turbulent and possesses high wind density



High Capacity Utilization Factors (CUF)
Less noise when compared to land based turbines

Participants

Type a name

Share invite

Presenters (2)

- SDT (Organiser)
- Krishnan (Guest) (Meeting guest)

Attendees (40)

- Amit (IMSEC) (Guest) (Meeting guest)
- ANSARI MOHD ... (Guest) (Meeting guest)
- Arunpandian Siva (Guest) (Meeting guest)
- AWDHESH KUM... (Guest) (Meeting guest)
- Berwin Wilson

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41:35

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Where could 2,000 GW of offshore wind by 2050 be built?

North America Europe Asia Africa & ME Pacific

Wind GW
Source: IRENA Global Wind Atlas

Wind speed in 2020
Wind speed in 2050 under current policies
Regional forecast by 2050, based on 2,000-GW global target
Current regional or national targets

IRENA Global Wind Atlas 2021

Participants

Type a name

Share invite

Presenters (2)

- SDT Organiser
- Krishnan (Guest) Meeting guest

Attendees (40)

- Amit (IMSEC) (Guest) Meeting guest
- ANSARI MOHD ... (Guest) Meeting guest
- Arunpandian Siva (Guest) Meeting guest
- AWDHESH KUM... (Guest) Meeting guest
- Berwin Wilson

Krishnan (Guest)

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16:11 10-05-2022

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You're muted.
Press Ctrl+Shift+M to unmute your mic, or press and hold the Ctrl+Spacebar.

Krishnan (Guest)

Participants

Type a name

Share invite

Presenters (2)

- SDT Organiser
- Krishnan (Guest) Meeting guest

Attendees (54)

- Amit (IMSEC) (Guest) Meeting guest
- ANSARI MOHD ... (Guest) Meeting guest
- Arunpandian Siva (Guest) Meeting guest
- AWDHESH KUM... (Guest) Meeting guest
- Berwin Wilson

KP Team

Participants

Krishnan (Guest)

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16:51 10-05-2022