

Organized By



In Collaboration With



BCKIC
Bhubaneswar City
Knowledge Innovation
Cluster

WMSD 2021

International Conference on
Promoting Environmental Technologies for
**Waste Management and Sustainable
Development**

AGENDA



HYBRID MODE

12-13 December, 2021

Auditorium, Campus-11, Kalinga Institute of
Industrial Technology, Bhubaneswar, Odisha

In Association With



www.bckic.in/wmsd-2021

Important

1. All esteemed Guests/Speakers are humbly requested to adhere to the time limits indicated in the programme schedule.
2. All the participants are requested to keep their speaker/audio mute.
3. Registered and participating UG/PG students will be given e-certificates.

ZOOM LINK for the Conference

Link:

<https://kiit-ac-in.zoom.us/j/87198621681>

Meeting ID: 871 9862 1681

For Oral Presentations please refer to respective sessions

For more information, log on to:
<https://www.bckic.in/wmsd-2021/>

12th December 2021

Programme Schedule

Joining Link: <https://kiit-ac-in.zoom.us/j/87198621681> | Meeting ID: 871 9862 1681

Inaugural Session and Award Ceremony: 10.30 to 12.30 Hr

10.30 hr	Entry of guests and delegates to the conference room and lighting of the lamp.
10.32-10.35 hr	Welcome address by Dr. Mrutyunjay Suar , Director General (R&D), KIIT and Chairman, Bhubaneswar City Knowledge Innovation Cluster
10.35-10.40 hr	Introduction of WMSD-2021 Conference and the organizers by Prof. Javed Ahmed , President, NESA
10.40 hr	Release of Abstract Book
10.40-10.45 hr	Address by Guest of Honour: Dr. B. N. Sahoo , Chief General Manager, Oil India Limited
10.45-10.55 hr	Address by Honorable Chief Guest: Prof. Achyuta Samanta , Founder, KIIT and KISS
10.55-11.20 hr	NESA Annual Awards Ceremony, 2021 Prof. T. R. C. Sinha Lifetime Achievement Award 2021 Kanak Sinha Memorial Award 2021 NESA Annual Awards Ceremony, 2021 NESA Fellowship/Hony. Fellows NESA Eminent Scientist Award NESA Scientist of the Year Award
11.20-11.25 hr	Felicitation of Guests by NESAs Felicitation of NESAs officials by Guest
11.25-11.28 hr	Vote of Thanks
11.28-11.30 hr	National Anthem
11.30-12.30 hr	Tea and Networking session

First Technical Session 12.40 to 13.25 Hr

Chairperson: Prof. Shakeel Ahmad, ICAR-IARI

Co-chairperson: Dr. T. Subbaiah, Vignan University

12.40-13.00 hr	Keynote Talk: Dr. Manish Diwan , BIRAC BIRAC enabled bioentrepreneurship ecosystem in India
13.00-13.20 hr	Keynote Talk: Dr. Kali Sanjay , CSIR-IMMT Coal fly ash: Metallurgical resource
13.20-13.25 hr	Vote of Thanks by Chairperson

Lunch: 13.30 – 14.30 hr

Second Technical Session 14.30 to 16.00 Hr

Chairpersons: *Dr. Kali Sanjay, CSIR-IMMT*

Co-chairperson: *Dr. Sanjay Singh Rathore, ICAR-IARI*

14.30-14.50 hr	Keynote Talk: Dr. C. Kesava Rao , NMDC The Role of Hydrometallurgy in Mines Waste Management
14.50-15:10 hr	Keynote Talk: Dr. T. Subbaiah , Vignan University Recovery of Non-ferrous Metals and energy Materials from Industrial wastes
15.10-15.30 hr	Keynote Talk: Dr. Lakshmi Raghupathy , Environment & Resource Management India Plastics Recycling and Circular Economy
15.30-15.40 hr	Invited Talk: Dr. Manish Kumar , CSIR-IMMT Agricultural Waste Utilization
15.40-15.45 hr	Vote of Thanks by Chairperson
15.45-16.00 hr	Tea Break & Networking Session

Oral Presentation by registered participants/delegates [Parallel Sessions]

16.00-19.15 hr

Oral Presentation | Breakup Session 1:

<https://us02web.zoom.us/j/83471928574> (Meeting ID: 834 7192 8574)

Oral Presentation | Breakup Session 2:

<https://zoom.us/j/99131365968> (Meeting ID: 991 3136 5968)

Dinner: 19.30 – 21.00 hr

13th December 2021

Joining Link: <https://kiit-ac-in.zoom.us/j/87198621681> | Meeting ID: 871 9862 1681

Third Technical Session 10.00 to 11.35 Hr

Chairperson: Dr. C. Kesava Rao, NMDC

Co-chairperson: Dr. Nabin Kumar Dhal, CSIR-IMMT

10.00-10.20 hr	Keynote Talk: Dr. Brajesh Dubey , Department of Civil Engg., IIT Kharagpur
10.20-10.40 hr	Keynote Talk: Dr. Papita Das , Jadavpur University Role of carbonaceous materials on wastewater treatment
10.40-10.50 hr	Invited Talk: Dr. Santanu Mukherjee , Shoolini University Biochar for Waste management and environmental remediation: A green and sustainable technology?
10.50-11.00 hr	Invited Talk: Dr. Rachna Singh , Amity University An economical approach for the treatment of pulp and paper mill effluent system using microbes and fly-ash nanoparticles to achieve minimum/zero waste discharge
11.00-11.20 hr	Keynote Talk: Dr. Smita Mohanty , CIPET-LARPM Single Use Plastics: Opportunities & Challenges
11.20-11.30 hr	Invited Talk: Dr. Neha Singh , Banka BioLoo Ltd. Fecal Sludge Management and Facilitating Resource Recovery
11.30-11.35 hr	Vote of Thanks by Chairperson
11.35-11.50 hr	Tea Break & Networking Session

Fourth Technical Session 11.50 to 12.45 Hr

Chairperson: Dr. Rachna Singh, Amity University

11.50-12.10 hr	Keynote Talk: Dr. Parimal Pal , NIT-Durgapur Managing Coke oven wastewater with a circular economy approach
12.10-12.20 hr	Invited Talk: Atun Roy Choudhury , Banka BioLoo Ltd. Biomedical Waste Management Scenario in India and recent developments
12.20-12.30 hr	Invited Talk: Dr. Gaurav Saxena , Shoolini University Wastewater Treatment and Reuse
12.30-12.44 hr	Industry Talk: Arnab Pal , Whatman, Cytiva Whatman capabilities for Environment monitoring
12.44-12.45 hr	Vote of Thanks by Chairperson

Oral Presentation by registered participants/delegates [Parallel Sessions]

12.45-13.30 hr

Oral Presentation | Breakup Session 1:

<https://us02web.zoom.us/j/83471928574> (Meeting ID: 834 7192 8574)

Oral Presentation | Breakup Session 2:

<https://zoom.us/j/99131365968> (Meeting ID: 991 3136 5968)

Lunch: 13.30 – 14.30 hr

Fifth Technical Session 14.30 to 15.00 Hr

Chairperson: Dr. Amrita Mishra

14.30-14.50 hr	Keynote Talk: Dr. Cecilia Stålsby Lundborg , Karolinska Institutet Antibiotic Resistance: A global perspective
14.50-14.55 hr	Overall Comments by Chairperson

Valedictory Session 15.00 to 16.00 Hr

15.00-15.05 hr	Welcome of Chief Guest: Prof. Suddhasatwa Basu , Director, CSIR-Institute of Minerals and Materials Technology
15.05-15.15 hr	Special Address by The Honorable Chief Guest of Valedictory Session
15.15-15.45 hr	NESA Annual Awards NESA Environmentalist of the year NESA Green Technology Innovative Award Women Excellence Award NESA Distinguished Award NESA young Scientist of the year NESA Junior Scientist
15.45-15.55 hr	Felicitation of The Honorable Chief Guest of Valedictory Session
15.55-16.00 hr	Vote of Thanks and dispersal of attendees.
