



# ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY



## International Webinar On “2G Biofuels: A Way Forward” 24<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup> Feb’ 2021



**Chief Patron**  
Dr. P. K. Agarwal  
Hon’ble Vice-Chancellor,  
OUAT



**Chief Guest**  
Dr. Saurabh Garg, IAS,  
Principal Secretary,  
DAFE, Government of Odisha



**Guest of Honour**  
Mr. M. S. Patke,  
Executive Director  
(Biofuels), BPCL



**Guest of Honour**  
Mr. V. Ravikumar,  
Chief General Manager  
(R&D), BPCL



**Keynote Speaker**  
Dr. R. K. Jain  
Ex-Director, Central  
Pulp & Paper Research  
Institute. U.P



**Patron**  
Dr. S. K. Dash  
Dean,  
CAET, OUAT



**Patron**  
Dr. B. L. Newalkar,  
General Manager  
(R&D), BPCL



**Convener**  
Dr. Jaya Rawat,  
Deputy General Manager  
(R&D), BPCL



**Convener**  
Dr. Vinutha Gokul,  
General Manager (Advanced  
Biofuels), BPCL



**Convener**  
Dr. M. K. Mohanty  
Professor BPCL Biofuel  
Chair, CAET, OUAT

### Eminent Speakers



**Dr. Amar Mohanty,**  
School of Engineering,  
University of Guelph,  
Canada



**Dr. Ajaya Dalai**  
University of  
Saskatchewan, Canada



**Dr. S. N. Naik**  
IIT, Delhi



**Dr. Ajit Mahapatra**  
Fort Valley State  
University,  
Georgia, United States



**Dr. Sudhansu S Panda**  
University of North  
Georgia, USA



**Dr. Kamalakanta Sahoo**  
US Forest Service  
Research & Development,  
USDA, United States



**Mr. Vasudeo Joshi**  
Praj Industries Limited.  
Maharashtra



**Dr. Umakanta Jena**  
New Mexico State  
University, New Mexico



**Dr. Sonil Nanda**  
University of Saskatchewan,  
Canada



**Dr. Priyabrata Pradhan**  
University of Alberta,  
Canada

## Registration

1. Registration Link: <https://forms.gle/jN2w9FcMqqLZPEbG8>
2. Last Date for Registration : 23<sup>rd</sup> Feb, 2021
3. No Registration fee is required
4. E-certificate will be provided to participants attending all sessions.
5. Meeting link will be sent to the registered candidates by email.

## Theme areas

\* Bio-energy system \* Bio composites \* Lignocellulosic biomass \*LCA  
\*Supply Chain \*Biofuel feedstock \* Geospatial technology  
\*Supercritical water gasification \* Advanced Biomobility™ Solutions

## Program Schedule

<b>Day 1</b> 24.02.2021	Inaugural Ceremony	7:00 pm - 8:10 pm
	Keynote address	8:10 pm – 8:40 pm
<b>Day 2</b> 25.02.2021	Technical session on Themes	8:00 am - 12:05 pm
<b>Day 3</b> 26.02.2021	Technical session (Continued)	8:00 am - 12:00 pm

## Organizing Committee

Dr. Padma Lochan Pradhan, Dr. Gyanaranjan Sahoo, Dr. Manasi Dash, Dr. Sannat Kumar Dwibedi,  
Dr. Pradip Kumar Jena, Dr. Deviprasad Samantaray, Dr. Khitish Kumar Sarangi, Dr. Soubhagya Manjari  
Samantaray, Mr. TAM Abdelwahab, Mrs. Nisha Das, Ms. Pritikrishna Majhi,  
Ms. K Ayisurya Routray, Er. Suraj Kumar Samal

## Contact Us



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## Our Partner

Bharat Petroleum Corporation Limited



Odisha University of Agriculture and Technology, Bhubaneswar-751003, Odisha

## INTERNATIONAL WEBINAR ON 2G BIOFUELS: A WAY FORWARD

### AGENDA

Date	Time	Topic	Speaker
24.02.2021	7.00 to 7.10 PM	Welcome address	Dr. S. K. Dash, Dean, Coordinator, BPCL-OUAT Biofuel Project, CAET, OUAT
	7.10 to 7.20 PM	Addressed by Guest of Honour-I	Mr. M.S. Patke, Executive Director (Biofuels), BPCL
	7.20 to 7.30 PM	Addressed by Guest of Honour-II	Dr. V. Ravikumar, Chief General Manager (Head R&D) BPCL
	7.30 to 7.45 PM	Addressed by Chief Guest	Dr. Saurabh Garg, Principal Secretary, Govt. of Odisha
	7.45 to 8.00 PM	Presidential address	Dr. P. K. Agrawal, Hon'ble Vice Chancellor, OUAT
	8.00 to 8.10 PM	Vote of thanks	Dr. M. K. Mohanty, Professor, BPCL Biofuel Chair, OUAT
	8.10 to 8.40 PM	Key note address	Dr. R. K. Jain, Ex-Director, Central Pulp & Paper Research Institute, U.P

**25-02-2021 Chair: Dr. Ajay Dalai, University of Saskatchewan, Co-chair: Dr. Jaya Rawat, BPCL**

Date	Time	Topic	Speaker
25.02.2021	8.00 to 8.10 AM	Opening remarks	Dr. M. K. Mohanty, Professor BPCL Biofuel Chair
	8.15 to 8.55 AM	Improved Utilization of Co-product from 2G Biofuel Production: Lignin based Biomaterials in New Industrial Uses for a Sustainable Bio-refinery	Prof. Amar K. Mohanty, University of Guelph, Canada
	9.00 to 9.40 AM	Characterization of lignocellulosic feed stocks and biochar for energy application	Dr. Sonil Nanda, University of Saskatchewan, Canada
	9.40 AM to 9.50 AM	Challenges in Biofuels program in India	Dr. Bharat Newalkar, General Manager (R&D), BPCL
	9.55 to 10.35 AM	A conceptual framework for a bio-energy system in the Indian context	Dr. Priyabrata Pradhan, University of Alberta, Canada
	10.40 to 11.20 AM	Supercritical water gasification of lignocellulosic biomass for hydrogen production	Dr. Ajay Dalai, University of Saskatchewan, Canada
	11.25 AM to 12.05 PM	Value addition of Pragmatic Karka	Dr. S.N Naik, Center for Rural Development and Technology, IIT Delhi

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**26-02-2021 Chair: Prof. S. N. Naik, IIT Delhi, Co-chair: Dr. Jaya Rawat, BPCL**

<b>Date</b>	<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
26.02.2021	8.00 to 8.10 AM	Opening Note for the Day	Dr. Jaya Rawat, Deputy General Manager (R&D), BPCL
	8.15 to 8.55 AM	Geospatial technology application in Biomass production enhancement through precision agriculture modeling	Dr. Sudhanshu Sekhar Panda, Institute for Environmental & Spatial Analysis, University of North Georgia, United States
	9.00 to 9.40 AM	Hydrothermal processing of Algae biomass	Dr. Umakanta Jena, Chemical and Material Engineering, New Mexico State University, Las Cruces, New Mexico
	9.45 to 10.25 AM	Sweet Sorghum as a biofuel feedstock	Dr. Ajit Mahapatra Fort Valley State University, Georgia, United States
	10.30 to 11.10 AM	Environmental impacts and techno-economic feasibility of producing advanced biofuel from energy crops grown in marginal lands.	Dr. Kamala Kanta Sahoo US Forest Service Research & Development, USDA
	11.15 to 11.55 AM	Praj's Advanced Biomobility™ Solutions	Mr. Vasudeo Joshi, PRAJ Industries Limited, Pune
	11.55 to 12.00 AM	Closing Remarks	Dr. Sanjay Kumar Dash, Dean, Coordinator, BPCL- OUAT Biofuel Project,OUAT