



Creating Future Fuels



**UPES**  
UNIVERSITY OF TOMORROW

# 2023 ENERGY SUMMIT

International Conference on Clean Energy  
Materials and Technologies (ICCEMT 2023)

(HYBRID MODE)

September 20<sup>th</sup>–22<sup>nd</sup>, 2023

Jointly Organised by

**ENERGY CLUSTER, SoAE, UPES and  
CSIR - Indian Institute of Petroleum (IIP)**  
Dehradun, India

## HIGHLIGHTS

- Recent Advances in Energy Transition & Security
- Technology Demonstrations from Industries
- Exchange of Research Ideas
- Model Exhibitions on Prototypes
- Paper/Poster Presentations
- Exhibition by School Students
- Interactions with Renowned Academicians and Industry Representatives

# CALL FOR PAPER/POSTER

Authors are invited to submit their original research/review articles related (but not limited to) to themes of the event through google form (link and QR-code below). The accepted papers presented in the conference, (ICCEMT 2023) will be considered for publication in peer reviewed SCI/Scopus/WoS/Indexed journals/conference proceedings and book series.

## MAJOR THRUST AREAS\*

- Renewable Energy
- Clean Energy Conversion Technologies
- Energy Science
- Energy Storage
- Energy Economics and Risk Management
- Intelligent Energy System
- Nanotechnology in oil and Gas
- Energy and Fuels
- Environment and Sustainability
- Hazardous Waste Management in Oil & Gas sector
- Addressing bottlenecks of conventional technologies (involves hazardous & toxic indexes) & advancing towards a cleaner technology in energy sectors
- Risk assessment in the energy & sustainability sector for a newer or emerging technology

\* For more information visit: <https://upesenergysummit2023.in/>

## IMPORTANT DATES\*



**Early bird Registration End - 10<sup>TH</sup> Sep, 2023**



**Abstract Submission Last Date- 10<sup>TH</sup> Sep, 2023**



**Last Date of Acceptance - On or before 10<sup>TH</sup> Sep, 2023**



**Registration Deadline - 15<sup>TH</sup> Sep, 2023**

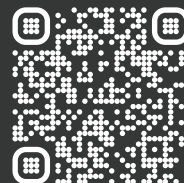
\* On Spot Registration is available with extra Rs 500/-

### Our Publication partners

- Journal of Hazardous, Toxic and Radioactive Waste – Scopus Indexed
- Key Engineering Materials – Scopus Indexed
- Materials Science Forum – Scopus Indexed
- Solid State Phenomena – Scopus Indexed
- Defect and Diffusion Forum – Scopus Indexed
- Springer – Conference Proceedings – Scopus Indexed
- Drilling and Exploration World Journal – UGC Approved
- Journal of Engineering Sciences – Scopus Indexed
- ACS/ELSEVIER Journal (Coming Soon)
- Taylor and Francis Journal (Coming Soon)

### Submission Link

<https://forms.gle/Skcaqct7116uKGL699>



## CALL FOR SPONSERSHIP

- Silver** : INR 25,000 & above  
**Gold** : INR 50,000 & above  
**Platinum** : INR 1,00,000 & above

BENEFITS	PLATINUM	GOLD	SILVER
Company Name & Logo Display	✓	✓	✓
Social Media Shoutouts till event	✓	✓	✓
Live acknowledgement in event	✓	✓	✓
Number of registrations (free of cost)	5	2	1
Stall for exhibition (free of cost)	✓		

### Gratitude to our sponsors!



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Silver Sponsors



Silver Sponsors

# ORGANIZING COMMITTEE



**Dr. Ram Sharma**  
Vice Chancellor  
UPES



**Dr. Nilanjana Banerjee**  
Cluster Head,  
Energy Cluster, UPES



**Dr. Gaurav Pandey**  
Event Convener  
Energy Cluster, UPES



**Dr. Vamsi Krishna Kudapa**  
Event Convener  
Energy Cluster, UPES

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19. Dr Atul Ranjan, Principal Scientist, IIP Dehradun.
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24. Dr. Ajay Mittal, Event Management & Food Committee Member.
25. Mr. Manash Protim Mudoi, Event Management & Registration Committee Member.

## Chief Guests



**Prof. Praveen Linga**  
Vice Dean  
(Communications & Outreach)  
Professor, Chemical & Biomolecular  
Engineering College of Design &  
Engineering



**Dr. Harender Singh Bisht**  
Director  
CSIR-Indian Institute of Petroleum,  
Dehradun

## Guest of Honour



**Dr. R.P. Singh**  
Director, Indian Institute of  
Remote Sensing (IIRS), Dehradun.



**Dr. Shishir Sinha**  
Director General, Central Institute of  
Petrochemical Engineering &  
Technology (CIPET), GOI

# International Advisory Members:

1. **Dr. Pramoch Rangsunvigit**, Dean of The Petroleum and Petrochemical College, Chulalongkorn University, Bangkok, Thailand.
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5. **Dr Bhajan Lal**, Associate Professor, Department of Chemical Engineering, UTP Malaysia.
6. **Dr Prashant Jadhwar**, Lecturer, Department of Petroleum Engineering, University of Aberdeen, UK.
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# National Advisory Members:

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4. **Dr. Ganti S. Murthy**, Director IKS, Govt. of India, and Professor, IIT Indore.
5. **Dr. Jitendra Sangwai**, Professor, Department of Chemical Engineering, IIT Madras.
6. **Dr. Ajay Mandal, Professor**, Department of Petroleum Engineering, IIT ISM Dhanbad.
7. **Dr. Rajnish Kumar**, Professor, Department of Chemical Engineering, IIT Madras.
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10. **Mr. Khalid Karajagi**, Lead Operations Engineer, Drilling Services, Baker Hughes, Mumbai.
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12. **Dr. Shivanjali Sharma**, Associate Professor, Department of Petroleum engineering and Geosciences, RGIPT, Jais, UP.
13. **Dr. Hari Prakash Veluswamy**, Assistant Professor, Chemical Engineering Department IIT Roorkee.
14. **Dr. Deepak Ojha**, Assistant Professor Professor, Chemical Engineering Department IIT Roorkee.
15. **Dr. Ashish Yadav**, Assistant Professor Professor, Chemical Engineering Department IIT Roorkee.
16. **Dr. Asheesh Kumar**, Senior Scientist, CSIR-IIP Dehradun.
17. **Dr. Akhila Kumar Sahu**, Principal Scientist, CSIR-Central Electrochemical Research Institute, Chennai.
18. **Dr. Geetanjali Chauhan**, Assistant Professor, Department of Petroleum Engineering, IPE, Vishakapatnam.
19. **Mr. Ramesh Gannamani**, FEA Consultant, Finitum Technologies, Andhra Pradesh.
20. **Dr. Sayantan Ghosh**, Assistant Professor, Department of Petroleum Engineering, IIT ISM Dhanbad.

## INVITED SPEAKERS



Mr. Simon  
Seaton



Dr. Robello  
Samuel



Dr. Rajnish  
Kumar



Dr. Sanket  
Joshi



Dr. Bhajan  
Lal



Dr. Jeevan  
Kumar Jethani



Mr. Naresh  
Kumar



Dr. T.V.  
Ramachandra



Dr. Prashant  
Jadhwar



Dr. Ganti S.  
Murthy



Dr. Vineet  
Kumar



Dr. Zhein  
Zhang



Dr. Nadezhda  
Molokitina



Dr. Pandurangan  
Arumugam



Dr. Abhijit  
Kakati



Dr. Shivanjali  
Sharma

# EVENT DETAILS

(TENTATIVE SCHEDULE)

## Day 1: 20<sup>th</sup> September, 2023

09:00 AM – 10:00 AM  
Registration & Traditional  
Welcome for Guests.  
10:00 AM – 11:00 AM  
Inaugural Ceremony  
11:00 AM – 11:30 AM  
High Tea  
11:30 AM – 01:00 PM  
Keynote Lectures  
01:00 PM – 02:00 PM  
Lunch  
02:00 PM – 03:30 PM  
Technical Session – I (ICCEMT 2023)\*\*  
03:30 PM – 04:00 PM  
High Tea  
04:00 PM – 05:30 PM  
Technical Session – II (ICCEMT 2023)\*\*

## Day 2: 21<sup>st</sup> September, 2023

09:30 AM to 11:00 AM  
Poster Presentations  
11:00 AM to 11:30 AM  
High Tea  
11:30 AM to 01:00 PM  
Workshop/Model Exhibition  
01:00 PM – 02:00 PM  
Lunch  
02:00 PM – 03:30 PM  
Panel Discussion  
03:30 PM – 04:00 PM  
High Tea  
04:00 PM – 05:30 PM  
Technical Session – III (ICCEMT 2023) \*\*

## Day 3: 22<sup>nd</sup> September, 2023

09:30 AM – 11:00 AM  
Keynote Lectures  
11:00 AM – 11:30 AM  
High Tea  
11:30 AM – 01:00 PM  
Workshop/Model Exhibition  
01:00 PM – 02:00 PM  
Lunch  
02:00 PM – 03:30 PM  
Technical Session – IV (ICCEMT 2023) \*\*  
03:30 PM – 04:00 PM  
High Tea  
04:00 PM – 05:30 PM  
Valedictory Session

\*\* ICCEMT 2023 – International Conference on Clean Energy  
Materials and Technologies

# FEE DETAILS

	REGULAR	EARLY BIRD
Students/Scholars/Academicians (With Publications)	INR 5000	INR 4500
Students/Scholars/Academicians (Without Publications)	INR 2000	-
Corporate/Industry Delegates/Entrepreneur	INR 8000	INR 6000
Foreign Participants	USD 150	USD 120
Accompanying Person/Attendees	INR 1500	-

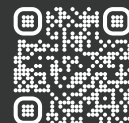
# REGISTRATION DETAILS

## FOR NATIONAL PARTICIPANTS

Beneficiary Name : ENERGY SUMMIT  
Account Number : UPESUK87777853  
IFSC number : YESB0CMSNOC  
Bank name : Yes Bank Ltd.  
Address : IFC 8TH FLOOR SB MARG MUMBAI  
(updated)

For Payment via UPI (Only for National Participants)

<https://paytm.me/LVmg-LK>



## FOR INTERNATIONAL PARTICIPANTS

Beneficiary's Name : University of Petroleum and  
Energy Studies  
Purpose : ENERGY SUMMIT  
Bank Name : Yes Bank  
Bank Account : SB – 011594600000224  
Branch Code : 000115  
Branch IFSC Code : YESB0000115  
Swift Code : YESBINBB  
Branch Name : Ground Floor, 56, Rajpur Road,  
Dehradun

**Applicable for both participants!**

\*\*No IMPS is allowed in this account, only net banking is allowed

# About Energy Cluster

The Energy Cluster at UPES is a leading institution for education and research in the energy sector. It offers a wide range of undergraduate and postgraduate programs, and its research focuses on sustainable development, clean energy, and disaster management. The cluster is committed to providing students with a holistic education that prepares them for the future of work.

The cluster was established in 2003 and now offers three undergraduate and four postgraduate degrees. The undergraduate programs are B.Tech in Applied Petroleum Engineering and B.Tech in Chemical Engineering. The postgraduate programs are M.Tech in Petroleum Engineering, M.Tech in Chemical Engineering, and M.Tech Renewable Energy.

The curriculum at the Energy Cluster is designed to give students the skills they need to succeed in the energy sector. Courses include data analytics, digitization, automation of process, AI/ML, etc. The cluster also offers life skills courses like critical thinking, living conversations, learning how to learn, etc.

The Energy Cluster at UPES is where leaders of tomorrow are built. The cluster is committed to providing students with the knowledge and skills they need to make a difference in the world.

## Contact Information

Dr. Gaurav Pandey  
Assistant Professor  
Convener  
+91-9962878564

Dr. Vamsi Krishna Kudapa  
Associate Professor  
Convener  
+91-8171086717

Email: [energysummit@ddn.upes.ac.in](mailto:energysummit@ddn.upes.ac.in)

## Student Co-Ordinators

Ms. Shriya Negi  
+91-8938990034

Mr. Shitanshu Kumar  
+91-8252012118

# About Energy Summit 2023

Energy Summit-2023 is a gathering of outstanding minds, ground-breaking theories, and cutting-edge research. This esteemed conference provides a forum for scientists, researchers, and professionals from a variety of fields to engage in insightful debates, share knowledge, and advance human understanding. The summit brings together stalwarts of the energy sector and new-edge talents emphasizing collaboration and scientific developments to study cutting-edge themes. Join us as we set out on this intellectual adventure, where exploration is sparked by curiosity and the limits of knowledge are pushed by cooperation.

## About UPES

Established through the UPES Act, 2003 of the State Legislature of Uttarakhand, UPES is one of the top-ranked, UGC-recognized, private universities. As per the National Institutional Ranking Framework (NIRF) 2023, the Ministry of Education, India, UPES has been ranked 52, with a rank of 54 in engineering and a rank of 39 in management. In addition to this, the university was recently ranked 243 in Asia and the 3rd best private university in India by the QS World Rankings 2023. UPES has also been accredited by NAAC with an accreditation grade 'A' and has received 5-Stars on Employability (placements), by globally acclaimed QS Rating, with 90%+ placements over the last few years.

## About CSIR-IIP

CSIR- Indian Institute of Petroleum (IIP), established on April 14, 1960, is one of the constituent laboratories under the umbrella of the Council of Scientific & Industrial Research, Government of India for carrying out R&D to provide globally competitive technologies for sustainable energy. The research is focused towards petroleum, natural gas, alternate fuels, and fuel user industry with the aim of addressing their entire spectrum of short, medium, and long-term challenges related to fuel production, energy efficiency, operational safety, emission, and effluent management or conversion of wastes, low-value streams, and renewable sources to fuel, chemicals and other useful products. CSIR-IIP has developed a large number of processes and technologies, and many of them have been transferred to the industry against stiff global competition. Almost every refinery in the country has a product/ technology licensed by CSIR-IIP. CSIR-IIP is also assisting the government in formulating national policy as well as standards for petroleum products.

For more information visit:

<https://upesenergysummit2023.in/>

<https://www.iip.res.in/>