

Program Schedule

5th National Symposium

Shaping the Energy Future: Challenges & Opportunities (SEFCO)

August 27, 2021 (virtual event)

09.30-09.35h	About Symposium Ms. Neha Nandal, Research Scholar, Convener
09.35-09.40h	Welcome Address Dr. Anjan Ray, Director, CSIR-IIP
09.40-09.50h	Address by Director General, CSIR Dr. Shekhar C. Mande
09.50-10.20h	Chief Guest Ms. Vartika Shukla, Director (Technical), Engineers India Limited (EIL)
10.20-10.45h	Guest of Honor Dr. Purandar Chakravarty, Head - Innovation & Alternate Energy, Nayara Energy Limited
10.45-10.50h	Vote of Thanks Ms. Swati Saini, Research Scholar, Co-Convener
10.50-11.00h	Refreshment Break
Session I Technologies Powering the Transition to Sustainable Energy & Fuels Session Chair (Dr. Suman L. Jain, Sr. Principal Scientist, CSIR-IIP)	
11.00-11.25h	K-1: Prof. Pratibha Sharma (Professor, IIT Bombay) <i>“Challenges and prospects of hydrogen as an energy carrier”</i>
11.25-11.45h	G-1: Dr. Ravikrishnan Vinu (Associate Professor, IIT Madras) <i>“Hydrothermal liquefaction of diverse feedstocks for sustainable solid waste management and energy production in the Indian context”</i>
11.45-12.05h	G-2: Dr. Subhra Jana (Scientist D, S N Bose National Centre for Basic Sciences, Kolkata)
12.05-12.25h	G-3: Dr. P. Shanmugam (Sr. Principal Scientist, CSIR-CLRI, Chennai) <i>“Bio-refinery for the sequential production of bio-diesel, bio-ethanol, bio-hydrogen, and bio-methane using tannery solid wastes for automobiles as ‘waste into wheel’ concept”</i>

Session II	
Enhancing Sustainability of Materials & Processes in Energy Value Chains	
Session Chair (Dr. Babita Behera, Principal Scientist, CSIR-IIP)	
12.25-12.50h	K-2: Dr. Rajeshwer Dongara (Director, SABIC Research and Technology Centre, Bangalore) <i>“SABIC: Circular economy”</i>
12.50-13.10h	G-4: Dr. Anuya Nisal (Principal Scientist, CSIR-NCL, Pune) <i>“Value creation from recycling biomedical waste: a circular perspective”</i>
13.10-13.30h	G-5: Dr. Akshai Kumar Alape Seetharam (Associate Professor, IIT Guwahati) <i>“Synthesis of specialty chemicals via catalytic transformations by pincer-metal complexes”</i>
13.30-14.15 h	Lunch Break/Poster Display
Session III	
Recent Advances in Biochemistry & Biotechnology	
Session Chair (Dr. Aarti, Principal Scientist, CSIR-IIP)	
14.15-14.40h	K-3: Dr. Sandeep Narayan Mudliar (Senior Principal Scientist, CSIR-CFTRI, Mysore) <i>“Biogas, bioethanol, algae-based CO₂ sequestration: scale-up challenges and research needs relevant to Indian scenario”</i>
14.40-15.00h	G-6: Dr. Syed Shams Yazdani (Group leader, Microbial Engineering, ICGEB, New Delhi) <i>“Designing biological systems for production of sustainable advanced biofuels”</i>
15.00-15.20h	G-7: Dr. Sanjukta Subudhi (Area Convener, Microbial Biofuels and Biochemicals, TERI) <i>“Microbes as cell factory for green hydrogen production”</i>
15.20-15.30h	Refreshment Break
15:30-16.50h	Oral Presentations Session Chair (Dr. Ganesh Naik, Senior Scientist & Event Scientific Coordinator, CSIR-IIP)
16:50-17:05h	Dr. Anil K. Sinha (Sr. Principal Scientist, CSIR-IIP) Special Talk (Completing three years of India's first bio-jet fuel flight)
Valedictory Session	
17:05-17.10h	Dr. Selvamani Arumugam, Scientist, Event Coordinator Announcement of Oral/Poster Awards
17:10-17:20h	Dr. Kirtika Kohli, Scientist, Event Coordinator Event Summary and Closing Note

K- Keynote Speaker G- Guest Speaker