

BILATERAL SYMPOSIUM • INDIA & RUSSIA

Russia-India Advanced Petroleum Refining & Digital Refineries Week 2026

Five days of lectures, panels, poster sessions, industry visits and cultural exchange on the banks of the Brahmaputra

DATES	VENUE	FORMAT	INDUSTRY PARTNERS
2–6 November 2026	Conference Centre, IIT-G	In-person · Lectures & Posters	HPCL · BPCL · NRL · IOCL · OIL

About the Symposium

The Russia-India Advanced Petroleum Refining & Digital Refineries Week continues the dialogue between IIT Guwahati and leading Russian universities, building on institutional agreements in petroleum refining and digital refinery technologies. The 2026 edition spans five technical themes — from downstream refining and petrochemicals to AI-enabled digital refineries — through invited lectures, panel discussions, poster sessions, student interaction and visits to operating refinery facilities in Assam. The Week is designed to seed joint research projects, faculty and student exchange, and long-term academia-industry cooperation between the two countries.

Five Technical Themes

I	Downstream Refining & Petrochemicals Residue upgradation, refinery-petrochemical integration, crude-to-chemicals pathways
II	Catalysis for Refining Hydroprocessing, FCC and novel catalytic materials for cleaner, higher-value fuels
III	Sustainable Fuels Biofuels, bio-ethanol, SAF and decarbonization routes for the transport sector
IV	Carbon & Speciality Materials Carbon materials, lubricants and speciality chemicals from refinery streams
V	Digital Refineries & AI Industry 4.0, AI/ML for process operations, smart control and digital competencies

Programme · 2–6 November 2026

02 MON · NOV	Inauguration & Cultural Evening Opening ceremony, keynote addresses, campus and laboratory tours, cultural programme.
03 TUE · NOV	Themes I & II · Oral · Posters · Yoga Refining & petrochemicals lectures with industry panel; catalysis session; evening oral and poster sessions.
04 WED · NOV	Theme III · Industry Visit Sustainable fuels session followed by a visit to Numaligarh Refinery Limited corporate offices.
05 THU · NOV	Universities & Digital Competencies Day Russian university presentations, a panel on digital refinery competencies, and lectures on cooperation and academic exchange.
06 FRI · NOV	Themes IV & V · Brahmaputra Cruise Carbon & speciality materials; AI in Industry 4.0 discussion; closing ceremony and river cruise.

Registration & Important Dates

KEY DATES

10 Aug 2026	Abstract submission opens
15 Sep 2026	Abstract submission deadline
30 Sep 2026	Acceptance notification
15 Oct 2026	Registration deadline

REGISTRATION FEE

CATEGORY	EARLY BIRD	REGULAR
Students / Research Scholars	₹5000 + GST	₹6000 + GST

Register via official website:
<https://event.iitg.ac.in/russia-india-refining-week-2026/>

VENUE & TRAVEL

Conference Centre, IIT Guwahati — 700-acre campus on the north bank of the Brahmaputra, ~20 km from Guwahati Airport (GAU).
November climate: 15–28°C.
International delegates require an Indian Conference Visa.

CONVENORS

Prof. Tamal Banerjee
Dept. of Chemical Engineering, IIT Guwahati

Dr. Aleksandra Saitova
Adjunct Faculty, IIT Guwahati

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