

INTERNATIONAL CONFERENCE ON GEOPOLITICS OF ENERGY SECURITY, ENERGY TRANSITION, AND CLIMATE CHANGE MITIGATION: GLOBAL ENERGY OUTLOOK TO MEET THE ENERGY NEEDS OF THE FUTURE

21-23 April, 2026

CONFERENCE FOCUS

The conference explores global energy security, supply chain resilience, and the shift toward renewables amid geopolitical tensions, climate imperatives, and technological change. Special emphasis is placed on India’s role in the global energy landscape.

CALL FOR PAPERS

PUBLICATION

Selected presented papers will be published in Journal/Conference Proceedings.

IMPORTANT DATE

25 FEBRUARY 2026	3 MARCH 2026	23 MARCH 2026	25 MARCH 2026	21-23 APRIL 2026
Last date for submission of Abstract	Confirmation of Abstract	Last Date for submission of Full-length paper	Confirmation of Full-length paper	Conference date

SUBMISSION E-MAIL ID

 Energy.Conference@sls.pdpu.ac.in

VENUE FOR CONFERENCE

Pandit Deendayal Energy University,
Gandhinagar, Gujarat, INDIA

SUB- THEMES

1. Oil and natural gas perspective
- Theorizing energy security, energy geopolitics, energy transition, just energy transition and energy justice
 - Economic growth and energy demand
 - Organization/forum governance and dynamics-OPEC, OPEC+, IGU, GECF, OAPEC, IEA and other related platforms
 - Supply chain disruption, trade & investment, sanctions, price war, and price volatility
 - Intervention, conflict, low-intensity warfare and war for energy resources
 - Energy and energy infrastructure: global market, investment and security concerns
 - Fundamentals of oil & natural gas pricing, Russian oil and market dynamics
2. Other Sources of Energy:
- Shale energy: progress, issues, geopolitics and market dynamics
 - Nuclear energy: progress, geopolitics, and IAEA regime
3. Renewables and Energy Transition
- Climate change and energy transition
 - Dynamics of renewable and alternative sources of energy: solar, wind, hydroelectricity, biofuel, green hydrogen, geothermal, and other related areas
 - Energy Transition: perspective from Global South and developed countries
 - Carbon Budget, Carbon market, carbon trading
 - Climate financing
 - Climate negotiations: UNFCCC, COP and related platforms
 - International organizations and forums: ISA, GBA, IRENA, MSP and related platforms
4. Critical Minerals in the renewable sector
- Policy, strategy and market dynamics: listing critical minerals, production incentives,international partnership, price volatility
 - upply Chain and Security: resource utilization, geopolitical dependence, processing bottlenecks, export restrictions, strategic stockpiling
 - Environmental, Social, and Governance (ESG) impacts: mining impact, carbon footprint of extraction, Human rights, community displacement

5. Technology and technology transfer
- Renewable and low carbon technologies and usages.
 - Technology transfer
 - Green mobility, Boson Cell
 - Remote sensing and AI application in climate change & risk assessment Decarbonisation: Carbon Capture, Utilisation and Storage (CCUS)
 - Big data analytics
 - Energy storage System (ESS), lithium-ion batteries, smart grids, and digitalisation
 - Green hydrogen and electrification
 - Small modular reactors (SMR), nuclear micro grids
 - Recycling, circular economy
6. Energy Perspectives of India
- Conceptualizing and Contextualizing energy security
 - National pursuits, foreign policy for energy security
 - Oil and Natural Gas: pricing, foreign policy, trade & investment, impediments, geopolitics
 - Shale energy: exploration, investment and international collaboration
 - Nuclear energy: progress, cooperation, and issues
 - Progress and challenges of India’s renewable energy sector- solar, wind, hydro, bio, green hydrogen & other related sectors
 - Renewable diplomacy-UNFCCC, COP, ISA, MSP,GBA, IRENA
 - Critical minerals for renewable energy sector- KABIL, National Critical Mineral Mission, policy pursuits, dependency, overseas investment, competitions
 - Mineral exploration, recycling, ESG integration
 - Technology and collaboration, Make in India, Atmanirbhar Bharat, SMEs

REGISTRATION FEES

INDIAN	STUDENT/RESEARCH SCHOLAR	INR 500
	FACULTY	INR 1000
	COORPORATE	INR 2000
INTERNATIONAL	STUDENT/RESEARCH SCHOLAR	USD 25
	FACULTY	USD 50
	COORPORATE	USD 75

*To receive certificate, all contributing authors of a group paper must register for the conference, and the paper must be presented by at least one author.

GUIDELINES FOR ABSTRACT/FULL LENGTH PAPER

The Abstracts related to the sub-themes of the conference will be considered, provided they comply with research orientations. Abstract should be 300 words in word file which will cover problem statement, research questions/ hypotheses, research gap, methodology and initial outcomes. The full-length paper should comply to Abstract and it would be 3000 words. Decision of the Evaluation committee is final on selection/ rejection of the Abstract and full-length paper.