



**2nd EDITION OF THE
INTERNATIONAL CONFERENCE ON
ADVANCES IN SUSTAINABLE RESEARCH
FOR ENERGY AND ENVIRONMENTAL
MANAGEMENT
(ASREEM 2.0)**



**Department of Chemical
Engineering, Sardar Vallabhbhai
National Institute of Technology,
Surat- 395007**

9904173019

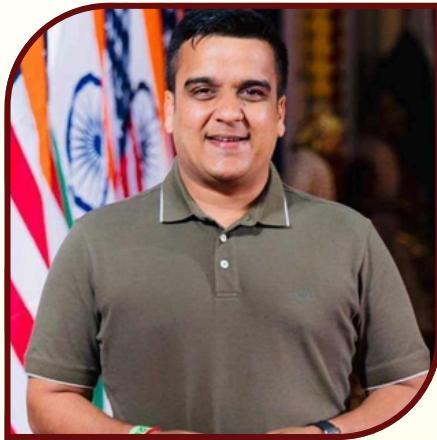
8287505262

8999254795

Website Link: www.asreem.in

Dates: 15-17 May 2026

CHIEF GUEST



Shri Harsh Sanghavi Ji
Deputy Chief Minister,
Government of Gujarat

PATRON



Prof (DR). ANUPAM SHUKLA

DIRECTOR, SVNIT,
Surat-395 007



Prof (DR). SHISHIR SINHA

DIRECTOR-GENERAL,
CIPET, Govt. of India

Organizing Team

CHAIRMEN



DR. MOUSUMI CHAKRABORTY
PROFESSOR,
DEPT. OF CHEM ENGG,
SVNIT, Surat-395 007



DR. ARVIND KUMAR MUNGRAY
PROFESSOR,
DEPT. OF CHEM ENGG,
SVNIT, Surat-395 007

SECRETARY



DR. V.N. LAD

PROFESSOR,
DEPT. OF CHEM
ENGG, SVNIT,
SURAT-395 007



DR. ALKA MUNGRAY

PROFESSOR,
DEPT. OF CHEM
ENGG, SVNIT,
SURAT-395 007



DR. JOGENDER SINGH

ASSISTANT
PROFESSOR, DEPT.
OF CHEM ENGG,
SVNIT, SURAT-395 007



DR. PARAG THAKUR

ASSISTANT
PROFESSOR, DEPT. OF
CHEM ENGG, SVNIT,
SURAT-395 007

ASREEM 2.0 will feature a comprehensive technical program covering the latest research and innovation in energy and environmental researches. The conference will bring together leading researchers, engineers, and scientists in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

TRACKS OF ASREEM 2.0

- **RESEARCH PAPERS, REVIEW PAPERS, CASE STUDIES, ETC. ARE WELCOME ON THE BELOW TOPICS.**
- **FOLLOWING LIST IS NOT INCLUSIVE. NEARBY TOPICS BASED ON THE THEME ARE WELCOME.**

TRACK 1

Sustainable Water Governance, Policy, and Management

- Water governance and regulatory frameworks at local, regional, and national levels
- Integrated Water Resources Management (IWRM) and Challenges for efficient urban water management.
- Water security and access for all (SDG 6)
- Water economics, pricing, and financing mechanisms
- Role of stakeholders and participatory decision-making
- Policy implementation for sustainable water and sanitation systems

TRACK 2

Innovative Technologies and Digital Solutions for Water Conservation and Environmental Management

- Smart systems and Digital Twin technology for Reduce, Reuse & Recycling
- Remote sensing and data analytics for monitoring
- Decentralized and modular water treatment systems
- AI and machine learning-driven predictive tools for environmental management
- Digitalization and traceability using Blockchain, IoT, and AI towards best practices
- Net-Zero strategies (carbon capture, utilization, storage, pathways to net-zero carbon emission for cities and industries)

TRACK 3

Environmental Conservation, treatment & Sustainability

- Sustainable water resource management and conservation practices
- Pollution control & waste management for air, water, and solid,
- Wastewater treatment technologies and recycling/reuse and resource recovery
- Membrane technology advancements for separation, purification & reuse
- Advanced and hybrid technologies for waste management and resource recovery
- Sustainable fuels, green hydrogen, fuel cells, eco-friendly industrial practices.

TRACK 4

Emerging Materials, Nanotechnology, and Advanced Treatment Technologies

- Nanotechnology for waste management and energy conservation
- Nano-medicine and healthcare, drug delivery systems, nanotoxicity and environmental impacts
- Advanced oxidation processes and sonochemistry for emerging contaminants
- Smart materials, 3D printing, energy storage (electrochemical devices, batteries, impacts, etc.) for environmental applications
- Biotechnology, Bioinformatics, Biocatalyst

TRACK 5

Waste Management and Circular Economy

- Solid waste, E-waste, and hazardous waste management
- Waste-to-energy concepts and sustainable practices
- Plastics waste and biodegradable polymers: challenges and innovations
- Thermochemical and hydrothermal techniques for waste management
- Biofuel cells and bioenergetics towards sustainable development
- Segregation of waste: Challenges & innovations

TRACK 6

Sustainable and Green Process Technologies

- Sustainable and green chemistry for environmental remediation
- Catalysis and reaction engineering for clean product formation
- Refining and petrochemical sustainability
- Chemicals derived from biomass, waste valorization using green extraction techniques & environmental impact
- Microfluidics, process intensification using microreactors and applications
- Process intensification, modelling, and simulation (CFD) for waste management

TRACK 7

Sustainable Development Goals, Policy, and Entrepreneurship

- Sustainable Development Goals (SDGs) and smart cities, climate change
- Advances in renewable energy technologies (Solar, Wind, Hydro, Geothermal, biomass etc.)
- Energy efficiency & conversion strategies for improving energy use in buildings, industries, & transportation.
- Entrepreneurship and innovation in environmental management
- Environmental policy, health assessment, regulation, and implementation strategies
- Sustainable resource management, life cycle analysis (LCA), Techno-Economical Assessment (TEA) and supply chain etc.

TRACK 8

Industrial Best Practices towards Waste Management and Environmental Restoration

- Zero Liquid Discharge (ZLD) practices and reject management
- Industrial wastewater management and sustainable practices (circular economy models)
- Environmental monitoring, Policies, Regulations, Governance, and Water-Energy Nexus
- Industry-Specific Sessions: Case studies and best practices from various sectors
- Waste-to-Energy (WtE) technologies, innovations & digitalization
- Industry-Academia symbiosis towards sustainable practices (Challenges & Solutions)

INTERNATIONAL ADVISORY COMMITTEE

1. Dr. Ioannis Ieropoulos, Professor & Head of Department - Civil, Maritime & Environmental Engineering, Faculty of Engineering and Physical Sciences, University of Southampton, UK
2. Dr. Deepak Pant, Senior Scientist, Flemish Institute for Technological Research (VITO), Belgium
3. Prof. Muthupandian Ashokkumar, Director, Melbourne Global Centre, University of Melbourne, Australia
4. Dr. Eldon R. Rene, Senior Lecturer, Resource Recovery Technology, IHE Delft Institute for Water Education, Netherlands
5. Dr. Nancy G. Love, Borchardt and Glysson Collegiate Professor, University of Michigan
6. Dr. Yaqian Zhao, Professor, University of Dublin, Ireland
7. Dr. Dyllon Randall, Professor, University of Cape Town, South Africa
8. Dr. Sherub Phuntsho, Associate Professor, University of Technology, Sydney, Australia
9. Dr. Trevor Boyer, Professor, Arizona State University, United States
10. Nabila Shehata, Environmental Science and Industrial Development Department, Faculty of Postgraduate Studies for Advanced Sciences (PSAS), Beni-Suef University, Egypt
11. Dr. Harold Leverenz, Research Engineer, University of California, Davis, United states
12. Dr. Muhammad A. Batiha, Professor, Chemical Engineering, Al-Hussein Bin Talal University, Jordan
13. Dr. Jaume Puigagut, Associate Professor, Polytechnic University of Catalonia, Barcelona, Spain
14. Dr. Abdullah Al-Mamun, Associate Professor, Sultan Qaboos University, Muscat, Oman
15. Dr. Nguyen Dinh Duc, Professor, The Head of Laboratory A, Vietnam National University, Hanoi

16. Dr. Pietro Bartocci, Researcher, Biomass Research Center,
17. Dr. Hafiz Muhammad Ali, Professor, King Fahd University of Petroleum and Minerals, 31261 Dhahran, Saudi Arabia
18. Dr. Hong Liu, Professor, Biological and Ecological Engineering, Massachusetts Institute of Technology, USA
19. Dr. Uwe Schröder, Professor, Institute of Environmental and Sustainable Chemistry, Technical University of Braunschweig, Germany
20. Dr. Duc Nguyen, Department of Civil & Energy System Engineering, Kyonggi University, Suwon 16227, South Korea
21. Dr. Salim Hiziroglu, Professor Emeritus, Oklahoma State University, Natural Resource Ecology & Management, Stillwater, Oklahoma, United States
22. Dr. Mohammad Ali Abdelkareem, College of Engineering, Sustainable & Renewable energy engineering department, Sharjah, UAE.
23. Dr. Sage R.Hiibel, Associate Professor, Department of chemical engineering, University of Nevada, Reno.
24. Dr. Dhanesh Chandra, Foundation Professor, Emeritus

NATIONAL ADVISORY COMMITTEE

1. Dr. Makarand M. Ghangrekar, Director, National Institute of Technology Puducherry
2. Dr. S. Venkata Mohan, Director, CSIR- National Environmental Engineering Research Institute(CSIR-NEERI), Hyderabad
3. Dr. Dhananjay Singh, Director, Rajkiya Engineering College, Ambedkar Nagar
4. Dr. Asheesh Kumar Yadav, Senior Principal Scientist, CSIR- Institute of Minerals & Materials Technology, Bhubaneswar – 751 013, Odisha, INDIA
5. Dr. Indumathi M Nambi, Professor, Environment and Water Resources Division, Indian Institute of Technology, Madras
6. Vimal Chandra Srivastava, Department of Chemical Engineering, Indian Institute of Technology Roorkee, Roorkee- 247667, Uttarakhand, India
7. Dr. S. Gajalakshmi, Professor, Pollution Control and Environmental Engineering, Pondicherry University, Pondicherry
8. Dr. K. D. Yadav, Professor, Civil Engineering Department, SVNIT, Surat
9. Dr. Abhilasha Singh Mathuriya, Head, Department of Life Sciences, Sharda University
10. Dr. Shriram Sonawane, Professor, Department of Chemical Engineering, VNIT, Nagpur
11. Dr. Pradeep Kumar, Distinguished Professor, Sharda University, Noida
12. Dr. Shirish H. Sonawane, Professor, Department of Chemical Engineering, NIT, Warangal
13. Dr. Anand Kishore Kola, Professor, Department of Chemical Engineering NIT, Warangal
14. Dr. Bhaskar Singh, Department of Environmental Sciences, Central University of Jharkhand, Ranchi-835222, Jharkhand, India

15. Dr. Dipak Ashok Jadhav, Research Professor, Environmental Engineering, Korea Maritime and Ocean University, South Korea
16. Dr. Sunil A. Patil, Associate Professor, Environmental Sciences, IISER Mohali
17. Dr. Sushil Kumar, Professor, Department of Chem Engg, MNNIT Allahabad
18. Prof. Parag Sadgir, Professor & Dean Engineering and Technology, COEP Technological University, Pune
19. Dr. Surajbhan Sevda, Assistant Professor, Department of Biotechnology, NIT, Warangal
20. Dr. Manoj Chandra Garg, Amity Institute of Environmental Sciences, Amity University, Noida, Uttar Pradesh, India
21. Dr. Manish Vashishtha, Professor, Dept. of Chemical Engg, MNIT, Jaipur
22. Dr. Lal Singh, Principal Scientist CSIR- NEERI Nagpur
23. Dr. Dharam Pal Singh, Associate Professor, Chemical Engg., NIT Raipur
24. Dr. Raj Kumar Arya, Associate Professor, Chemical Engg department, NIT Jalandhar
25. Dr. Priyanand Agale, Founder and Advisor, Eco-Needs Foundation
26. Dr. Shailendra Bajpai, Professor, Chemical Engg department, NIT Jalandhar
27. Er. Anil Kumar Katare, Senior Principal Scientist, Quality Management & Instrumentation Division, CSIR – Indian Institute of Integrative Medicine, Canal Road, Jammu
28. Dr. R. Kailasham, Department of Chemical Engineering, IIT Indore
29. Dr. R. V. Taiwade, Department of Metallurgical and Materials Engineering, VNIT Nagpur

HOW TO APPLY?

- Participants need to submit the abstracts as per the format provided on website (www.asreem.in) on following google link:
<https://forms.gle/B8QHHTja4SRS0Tw38>
- Acceptance of abstract for presentation will be provided through mail (asreem.svnite@gmail.com).

REGISTRATION FEES

FOR OFFLINE PARTICIPATION

• Practicing Engineers/Professionals:	Rs. 7,080/-
• Academicians/scientists/researchers:	Rs. 5,900/-
• PhD Students/ Research Fellows:	Rs. 3,540/-
• Under/Post-Graduate Students:	Rs. 2,360/-
• Attendees:	Rs. 1,770/-
• Foreign Students (PhD/PG/UG):	Rs. 8,565 (100 USD)/-
• Foreign Faculty/Scientist	Rs. 12,850 (150 USD)/-

FOR ONLINE PARTICIPATION

• Practicing Engineers/Professionals:	Rs. 5,900/-
• Academicians/scientists/researchers:	Rs. 3,540/-
• PhD Students/ Research Fellows:	Rs. 2,360/-
• Under/Post-Graduate Students:	Rs. 1,770/-
• Attendees:	Rs. 1,180/-
• Foreign Students (PhD/PG/UG):	Rs. 6,423 (100 USD)/-
• Foreign Faculty/Scientist	Rs. 8,565 (150 USD)/-

**FORMAT OF ABSTRACT AND CAMERA READY PAPER IS
GIVEN ON OFFICIAL WEBSITE OF ASREEM 2.0**

DATES

Last Date of Abstract Submission:

31 Jan. 2026

Last Date of Abstract Acceptance:

15 Feb. 2026

Last Date of Fees Payment:

28 Feb. 2026

Conference Dates:

15-17 May. 2026

SPONSORSHIP

- If you are selling Industrial Products, Instruments, Processors, or Simulation Software related to Chemical Engineering, Environmental engineering or Mechanical Engineering then, Advertise your product, process or services through the International Conference on 'Advances in sustainable research for energy and environmental Management (**ASREEM 2.0**) to reach right people.
- Nearby Hotels and Travel Agencies can also become our official accommodation and Travel partners.

TITLE (10 LAKH)

- 5 conference delegates
- 20 minutes corporate presentation
- Logo on all conference banners
- Key Position on the homepage of conference website
- A3 size ad on conference souvenir back cover
- 2 Market stall
- Industrial session
- Continuous Publicity

DIAMOND (5 LAKH)

- 3 conference delegates
- 15 minutes corporate presentation
- Logo on all conference banners
- Position on conference website
- A4 size ad on conference souvenir front cover
- Market stall
- Industrial session

GOLD (3 LAKH)

- 2 conference delegates
- 10 minutes corporate presentation
- Logo on all conference banners
- Position on conference website
- Ad inside conference souvenir
- Market stall
- Industrial session

SILVER (1 LAKH)

- 1 conference delegate
- Logo on all conference banners
- Position on conference website
- Ad inside conference souvenir
- Market stall

FOR MARKET STALL ONLY (₹30,000)

Note: All above mentioned prices for sponsorships are exclusive of 18% GST.

CONTACT

OFFICIAL MAIL ID : asreem.synit@gmail.com

CONTACT PERSON :

- Dr. Arvind Kumar Mungray (akm@ched.synit.ac.in)
Ph. No. : 8160011594
- Dr. Jogender Singh (jogendersingh@ched.synit.ac.in)
Ph. No. : 8287505262
- Dr. Parag Thakur (paragthakur@ched.synit.ac.in)
Ph. No. : 8999254795

PUBLICATIONS AND AWARDS



PUBLICATIONS



- All accepted abstracts will be published in Conference Proceedings subject to the quality of Presentation, Originality check author's/authors consent.
- Selected full-length papers will be published in SCI/Scopus indexed



AWARDS



- Best Oral Presentation Award
- Best Poster Presentation Award
- Best Research Documentary Award (Maximum two minute video)
- Young Achiever Award (age ≤ 35 years)



AMERICAN CHEMICAL SOCIETY (ACS)



- Ten Presentation Awards (5 Oral & 5 Poster).
- The winners will get an ACS journal certificate and a one-year complimentary ACS Membership
- All attendees of the conference will get a 50% discount on ACS Membership.



ECO-NEEDS FOUNDATION



- Ten Best Oral Presentation Awards
- Ten Best Poster Presentation Awards

SAPUTARA

TOURIST PLACES NEAR SURAT



DAMAN



DUMAS / HAZIRA



STATUE OF UNITY



PAVAGADH



KUTCH DESERT



GOPI TALAV



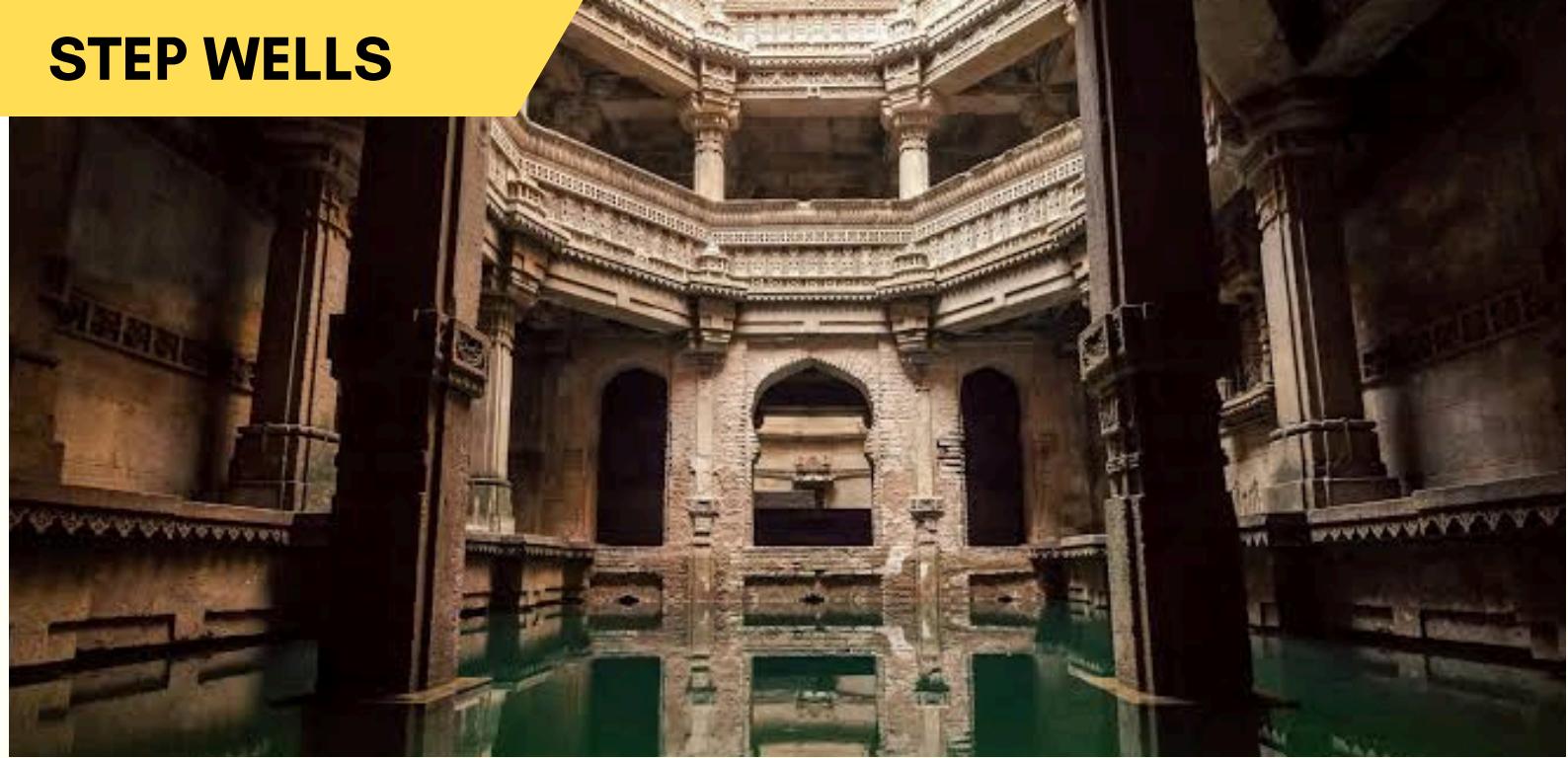
GIR NATIONAL PARK



DWARKA



STEP WELLS



SOMNATH TEMPLE



BARDA HILLS WILDLIFE

