



ACES
2026

Advances in Chemical
Engineering & Science

November 2-3, 2026
IISER Bhopal

About ACES 2026

Advances in Chemical Engineering and Science | 2–3 November 2026

ABOUT THE CONFERENCE

Advances in Chemical Engineering and Science (ACES 2026) is a two-day national conference organized by the Department of Chemical Engineering, Indian Institute of Science Education and Research Bhopal (IISER Bhopal). The conference is centered on the theme “Advanced Materials for Energy Conversion & Storage”, bringing together researchers, academicians, industry professionals, and students to exchange ideas and discuss recent developments in advanced materials and emerging technologies.

ACES 2026 will provide a platform for sharing cutting-edge research, fostering collaboration between academia, research institutions, and industry, and encouraging young researchers to present and communicate their work. The conference will particularly focus on advances in energy storage, clean energy technologies, catalysis, sustainable energy systems, environmental technologies, and emerging materials-based solutions.

CONFERENCE OBJECTIVES

- Provide a platform for knowledge exchange and dissemination of cutting-edge research.
- Foster collaboration among academia, research institutions, and industry.
- Encourage young researchers through dedicated Poster and Three-Minute Thesis (3MT) sessions.
- Highlight recent advancements in energy storage, catalysis, and environmental technologies.
- Facilitate meaningful discussions on advanced materials for sustainable energy and environmental applications.
- Create opportunities for researchers and students to interact with experts from different areas of chemical engineering and materials science.

WHY ATTEND ACES 2026?

Discover Emerging Research — Explore recent developments in advanced materials, energy technologies, catalysis, and sustainable systems.	Build Research Connections — Interact with researchers, academicians, students, and industry professionals working across related fields.
Learn from Experts — Gain insights through plenary lectures, keynote lectures, and technical sessions.	Showcase Your Research — Present your work through oral presentations, poster presentations, and 3MT sessions.
Explore Interdisciplinary Ideas — Connect chemical engineering with materials science, energy, environmental applications, and computational approaches.	Engage with Sustainable Technologies — Understand emerging solutions for clean energy, energy storage, hydrogen technologies, renewable energy, and environmental sustainability.

Conference Themes

Research focus areas

ADVANCED MATERIALS FOR CLEAN ENERGY & ENERGY STORAGE

Batteries & Energy Storage	Supercapacitors
Hydrogen & Fuel Cells	Clean & Sustainable Energy
Solar & Photovoltaics	Thermoelectric & Piezoelectric Materials
Catalysis & Electrocatalysis	Computational & AI-Driven Materials Design

WHO SHOULD PARTICIPATE?

- Faculty members and academicians
- Researchers and scientists
- PhD scholars and postgraduate students
- Undergraduate students working in relevant areas
- Industry professionals and R&D personnel
- Scientists from government and national research laboratories
- Technology developers and entrepreneurs
- Researchers working in chemical engineering, materials science, energy, and sustainability

Distinguished Speakers

Plenary and Keynote Lectures

PLENARY LECTURES



Prof. Sagar Mitra

Department of Energy Science and Engineering, IIT Bombay

Professor in the Department of Energy Science and Engineering at IIT Bombay and leader of the battery research team at the National Centre for Solar Photovoltaic Research and Education. His research focuses on advanced materials and technologies for energy storage, particularly lithium-ion and sodium-ion batteries.



Prof. S. Sampath

Department of Inorganic and Physical Chemistry, IISc Bengaluru

Distinguished electrochemist and Professor whose research spans materials electrochemistry, surfaces and interfaces, nanostructured materials, and electrochemical energy-storage systems, with applications in batteries, supercapacitors, fuel cells, sensors and electrocatalysis.

KEYNOTE LECTURES



Dr. S. Loganathan, Scientist 'G'

Defence Research and Development Organisation (DRDO), Hyderabad

Head of the Battery Strategic Division. His research and technology-development interests focus on advanced battery technologies and energy-storage systems, including lithium-ion and emerging battery chemistries for defence applications.



Prof. Chandra Shekhar Sharma

Department of Chemical Engineering, IIT Hyderabad

Professor and Head of the Department of Chemical Engineering at IIT Hyderabad. He leads the CARBON Laboratory, focusing on hierarchical carbon and nanostructured materials, electrospun nanofibers, and their applications in advanced energy-storage systems, including lithium-ion, lithium-sulfur and metal-CO₂ batteries, as well as supercapacitors.

Invited Speakers

Prof. Parasharam M. Shirage IIT-Indore		Prof. Amit Paul IISER-Bhopal	
Prof. Aravind Kumar Chandiran IIT-Madras		Prof. Pikee Priya IISc	
Prof. Nitin Muralidharan IIT-Madras		Prof. T. Palaniselvam IIT-Madras	
Prof. Joyanta Choudhury IISER, Bhopal		Dr. Sandhiya Lakshmanan CSIR-NISCP R	
Prof. Dibyajyoti Ghosh IIT-Delhi		Prof. Tharamani C.N IIT-Ropar	
Prof. Rosy IIT BHU		Dr. Ramendra Sundar Dey INST Mohali	
Prof. Ashutosh Singh CeNS		Prof. Abhijit Patra IISER, Bhopal	
Prof. Manohar Kakunuri NIT Warangal		Prof. Manjeet Chhetri SRM-Andhra Pradesh	
Prof. Nivedita Sikdar GITAM-Hyderabad		Dr. M. S. Santosh CIMFR	
Dr. Kingshuk Roy TCG CREST, Kolkata		Prof. Sudarshan Narayanan IIT Kanpur	
Prof. Subhajit Roychowdhury IISER-Bhopal			

Registration & Important Dates

Conference participation and abstract submission

IMPORTANT DATES

MILESTONE	DATE
Abstract submission starts	25th August
Abstract submission last date	1st October
Registration starts	15 th September
Early bird	15 th September – 15th October
Presenters notified	By 10th Oct
Conference Dates	2–3 November

REGISTRATION FEE INFORMATION

PARTICIPANT CATEGORY	EARLY BIRD	REGULAR
UG/PG Student	₹2,000	₹2,500
Research Scholars	₹3,000	₹3,500
Faculty/Academicians	₹5,000	₹6,000
Industry Participants	₹10,000	₹12,000

Sponsorship Opportunities

SPONSORSHIP

CATEGORY	CONTRIBUTION	BENEFITS
Diamond	Rs. 200,000/-	Stall, Delegates, Logo in promotion, Inaugural Stage sharing
Platinum	Rs. 100,000/-	Stall, Logo in promotion, Delegates
Gold	Rs. 50,000/-	Stall, Logo in Promotion, Standees
Silver	Rs. 35,000/-	Banners, Standees

Programme

ACES 2026 Conference Schedule

DAY 1 — 2 NOVEMBER 2026

TIME	PROGRAMME
8:30 – 9:30 hrs	Registration
9:30 – 10:00 hrs	Inaugural Session
10:00 – 10:30 hrs	Group Photo & High Tea
10:30 – 11:30 hrs	Plenary Lecture 1
11:30 – 13:00 hrs	Parallel Technical Sessions
13:00 – 14:15 hrs	Lunch Break
14:30 – 15:15 hrs	Keynote Lecture 1
15:15 – 16:45 hrs	Parallel Technical Sessions
16:45 – 18:00 hrs	Poster Session & High Tea

19:00 Onwards	Dinner
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DAY 2 — 3 NOVEMBER 2026

TIME	PROGRAMME
9:30 – 10:30 hrs	Plenary Lecture 2
10:30 – 10:45 hrs	Tea Break
10:45 – 12:15 hrs	Parallel Technical Sessions
12:15 – 13:00 hrs	Keynote Lecture 2
13:00 – 14:00 hrs	Lunch Break
14:30 – 15:30 hrs	3MT Session
15:30 – 16:30 hrs	Poster Session & Tea
16:30 – 17:30 hrs	Open Mic Session & Group Discussion
17:30 – 18:30 hrs	Awards and Closing Ceremony
19:00 Onwards	Dinner

Organizing Committee

CONFERENCE CHAIR

	Dr. Paramita Das Associate Professor & Head, Department of Chemical Engineering IISER Bhopal
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CONVENERS

		
Dr. Mahesh Ijjada Assistant Professor	Dr. Rohit Ranganathan Gaddam Assistant Professor	Dr. Sohini Bhattacharyya Assistant Professor

LOCAL ORGANIZING COMMITTEE

			
Dr. Akshay Modi Assistant Professor	Dr. Ardhendu Sekhar Giri Assistant Professor	Dr. Chandantaru Dey Modak Assistant Professor	Dr. Manoj Kumar Tripathi Associate Professor
			
Dr. Sankar Chakma Associate Professor	Dr. Sweta Lal Assistant Professor	Dr. Venkateshwar Rao Dugyala Assistant Professor	Dr. Sai Phani Kumar Vangala Assistant Professor

CONTACT

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OFFICIAL CONFERENCE EMAIL • aces2026@iiserb.ac.in

For general enquiries, registration, abstract submission, and other conference-related communication.