2nd National Meeting on Sodium(-ion) Batteries (NMSB-2)

Venue: ASPIRE - IITB Research Park (floors: 9 & 10), IIT Bombay, November 22–24, 2026

Day 1 - November 22		
08:30 onwards	**Registration** @ 9th floor, Research Park building (ASPIRE)	
Main venue on Day 1: **Nakshatra Auditorium**, 9th floor		
09:15-11:00 (Inaugural Session) (Venue: Nakshatra Auditorium, 9th floor, Research Park Building)	**09:15-9:20**	**Opening remarks by Chair NMSB-2**
	09:20-9:30	**Welcome address by the Deputy Director (ART), IIT Bombay**
	09:30-10:00	**Inaugural address by the Guest of Honor, DG, CSIR & Secretary, DSIR**
	10:00-10:30	**Inaugural address by the Guest of Honor, Secretary, DST**
	10:30-10:40	**About Battery Research Society (of India) by the President and Vice-President of the society**
	10:40-10:45	**Battery Research @ IIT Bombay by NMSB-2 Chair and VP, Battery Research Society**
	10:45-10:55	**About IITB-GESH by PiC GESH, IIT Bombay**
	10:55-11:00	**Vote of Thanks**
High Tea & Photo Session @ Open terrace, 10th floor		
	Session Chair	Prof. Tata N. Rao; VC, SVU and President, Battery Research Society (of India)
11:35-12:05	**Shri R. Mukundan; MD & CEO, TATA Chemicals**	Sodium Ion Battery @ TATA Chemicals
12:05-12:35	**Prof. Satishchandra B. Ogale; Director, RISE, TCG CREST**	Battery research at RISE, TCG CREST
12:35-12:45	**Dr. Akanksha Tyagi; Senior Programme Lead; CEEW**	Strategies to build a local ecosystem for battery manufacturing: insights from sodium-ion chemistry
Networking Lunch @ Open terrace, 10th floor		
13:55-14:55	**Panel Discussion 1** (In-charge: Prof. Bharat K. Suthar, IIT Bombay)	Na-ion Technology/Academia/Industries/Funding/Policy
		Moderator: Prof. Nagaphani Aetukuri (IISc) **Panellists:** Dr. Vilas Tathavadkar (Aditya Birla) Dr. Rahul Fotedar (Reliance) Shri Vaneet Kumar (PCBL) Dr. Sudhir Dapurkar (TATA Chemicals) Dr. Kuldeep Rana (MNRE) Dr. B. V. Sarada (ARCI) Dr. A. S. Prakash (CSIR-CECRI) Prof. Yogesh K. Sharma (IIT Roorkee) Prof. Abhik Banerjee (RISE, TCG CREST)
Tea/coffee break @ semi-open terrace, 9th floor		

	Session Chair	Prof. Amartya Mukhopadhyay, Professor, IIT Bombay and Vice-President, Battery Research Society (of India)
15:10-15:20	**Prof. Yogendra Shastri**; **IIT Bombay**	About CoE-OGE, IIT Bombay, by PiC CoE-OGE
15:20-15:50	**Dr. K. Ramesha**; **Director, CSIR-CECRI**	Battery research at CSIR-CECRI
15:50-16:20	**Prof. Vijayamohanan K. Pillai**; **IISER TVM**	Popular Lecture on Battery Technology and India's Net Zero
16:20-17:35: Poster Session @ **Gaganyaan** break-out room, 9th floor, with Tea/coffee/snacks		
17:35-18:35	**Panel Discussion 2** (In-charge: Dr. Mudit Dixit, CSIR-CLRI)	Sodium ion Battery Start-ups
		Moderator: Prof. Sudarshan Narayanan (IIT Kanpur) **Panellists:** Shri Shishir Jairam (QpiVolta Technologies) Shri Akash Soni (IndiEnergy) Shri Abishek Reddy (Naxion) Ms. Adrija Goswami (Vaultionix)
19:00: **Conference dinner** @ Open terrace, 10th floor		

Day 2 - November 23		
Main venue on Day 2: **Chandrayaan** + **Mangalyaan** (break-out rooms), 9th floor		
Cathode Session 1		
	Session Chair	Kothandaraman R.; IIT Madras
10:00-10:25	**Mudit Dixit**; **CSIR-CLRI**	Engineering Anionic Redox: From First Principles to Artificial Intelligence
10:25-10:50	**S. T. Nishanthi**; **CSIR-CECRI**	Waste to wealth approach for sustainable manufacturing of layered oxide cathodes for Sodium-ion batteries
10:50-11:15	**Sreeraj Puravankara**; **IIT Kharagpur**	Prussian White cathodes for Sustainable Na-ion Batteries
	Tea/coffee break @ semi-open terrace, 9th floor	
Electrolyte and Interface Session		
	Session Chair	Nagaphani Aetukuri; IISc
11:35-12:00	**M. M. Shaijumon**; **IISER TVM**	Interfacial Engineering for Stable All-Solid-State Sodium Batteries
12:00-12:25	**Rajendra K Singh**; **BHU**	"Materials and Interface Engineering for Advanced Sodium Based Batteries: From Sustainable Sulfur Hosts to Sodium Ion Conducting Interlayers"
12:25-12:50	**Sudarshan Narayanan**; **IIT Kanpur**	Dopant-engineering strategies for designing high-performance NASICON-type Na-ion solid-state electrolytes: Correlating material selection with mechanistic insights
Networking Lunch @ Open terrace, 10th floor		
Cell Technology Session		
	Session Chair	B. V. Sarada; ARCI
14:00-14:25	**A.S. Prakash**; **CSIR-CECRI**	Advances in Sodium-Ion Battery Technology: Cathode Design, Hard Carbon Development, and Future Perspectives

14:25-14:50	**Srinivasan Anandan**; **ARCI**	From Cathode Materials to Pouch cells: Transitional development of Indigenous poly anion cathodes for Sodium-ion Batteries
14:50-16:10: Poster Session @ **Gaganyaan** break-out room, 9th floor, with Tea/coffee/snacks		
Anode Session		
	Session Chair	Bharat K. Suthar; IIT Bombay
16:10-16:35	**Abhik Banerjee**; **RISE, TCG CREST**	High Energy Density Anodes for Sodium Ion Batteries: Challenges and Mitigation Strategies
16:35-17:00	**Sai Gautam Gopalakrishnan**; **IISc**	Accessible metastability in alloying anodes for sodium-ion batteries
17:00-17:25	**Kingshuk Roy**; **RISE, TCG CREST**	Plating Dynamics in Sodium Metal Anodes: Linking Molecular Interactions to Macroscopic Stability

Day 3 - November 24		
Main venue on Day 3: **Chandrayaan** + **Mangalyaan** (break-out rooms), 9th floor		
Electrolyte Session 2		
	Session Chair	M. Sathish; CSIR-CECRI
10:00-10:25	**Kothandaraman R.**; **IIT Madras**	Two-Pronged Electrolyte Engineering for Sodium Batteries: Faster Na^+ Transport and a More Stable Interface
10:25-10:50	**Palaniselvam T.**; **IIT Madras**	Ether Electrolytes to Construct Stable Sodium-Ion Batteries
10:50-11:15	**Aninda Jiban Bhattacharyya**; **IISc**	Na-based electrolytes
Tea/coffee break @ semi-open terrace, 9th floor		
Cathode Session 2		
	Session Chair	Rajendra K. Singh; BHU
11:30-11:55	**Dhirendra K. Rai**; **IIT Indore**	Addressing the Intrinsic Challenges of Prussian Blue Analog Cathodes through Structural Tailoring for Sodium-Ion Batteries
11:55-12:20	**Suddhasatwa Basu**; **IIT Delhi**	TBA
	Session Chair	Abhik Banerjee; RISE TCG-CREST
12:20-13:05	**Flash Talks by IIT Bombay Students/ Postdocs (8)** (4 min each)	
Networking Lunch @ Open terrace, 10th floor		
14:00-15:10	**Poster Prize Announcement by Vice-Chair & Flash Talks by Winners** (4 min each)	
15:10-15:25	**Closing Remarks by Vice-Chair**	
High Tea @ semi-open terrace, 9th floor		

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