

***The 2<sup>nd</sup> International conference "Supercaps & Batteries - India" will be held at IIT Kharagpur from November 20-24, 2023. The conference is being organized by the Department of Physics @ IIT Kharagpur, which is amongst the oldest Physics Department in India.***

***With the fast-growing realization of the fact that storage technologies would be an integral part of the renewable-based energy landscape of the future, it is imperative that researchers working in this area come together, deliberate and set the tone for future activities in the field of two most prominent energy storage systems i.e. supercapacitors and batteries.***

***The conference will have dedicated sessions on the broad topics mentioned below:***

- 1. Anode Materials - From Bulk to Nanostructures***
- 2. Cathode Materials - From Metal oxides to MXenes***
- 3. Ion Conducting Membrane and Separators***
- 4. Electrolytes***
- 5. Supercapacitors - EDLC to Hybrid Devices***
- 6. Batteries - Li-ion and beyond...***
- 7. Modelling, Simulations, Thermal and Battery Management Systems***
- 8. Energy Policies & LCA Studies***
- 9. Fabrication and Industrial Applications***

***There would be Plenary and Invited Talks as well as Contributory - Oral and Poster Presentations by scientists working in these areas.***

***Lot of participant from Industries related to e-vehicles are expected to take part in the conference.***