

## **Seminar**

### **Functional Nanomaterials for Renewable Energy and Environment**

**Aditi Halder**

**IIT, Mandi**

Systematic designing of nanomaterials will help us to address the burning issues of energy and environment. For a sustainable world, it is important for us to shift our focus completely towards the renewable energy resources. However, the intermittent nature of renewable resources causes severe set-back towards the uninterrupted supply of energy. Hence it is important to focus not only on energy conversion but also on energy storage. This talk will focus on the strategic development of multi-component catalysts including oxides, thiospinels, high entropy alloys, heterojunction materials etc. and their utilisation for energy storage, conversion and environmental remediation.

***Friday, Jun 20<sup>th</sup> 2025***

***14:30 Hrs (Tea / Coffee 14:15 Hrs)***

***Auditorium, TIFRH***