

Students' Annual Webinar

On the Development of Two electrode Photo-Rechargeable Metal Ion Batteries

Amar Kumar

In conventional ways of storing of solar energy in battery causes conversion loss and also increase cost, weight and complexity of storage. This makes the search for alternative methods which can directly charge a two electrode battery system. This envisages providing low cost and light-weight solar batteries which can have a good light to charge conversion factor. In this talk, I will first introduce a new concept to make electrode for two electrode Photo-Rechargeable Metal Ion Batteries. I will also talk about some other methods to prepare efficient electrode material for this future generation solar batteries and will also talk about ex situ study of post battery material characterisation.

Thursday, May 5th 2022

5:00 PM