



# Silver Jubilee Celebration (1996-2021)

Department of Energy  
Tezpur University

## Alumni Talk : 09

### Advanced Materials and its Application in Energy

Time: 3:00 PM, Date: 9th July, 2021

#### Dr Samrat Paul

#### Alumnus

(MTech in Energy Technology: 2005 - 2007)  
Assistant Professor, NEHU, Shillong



Dr. Samrat Paul did his MTech in Energy Technology (2007) and PhD in Energy Materials (2012) from Tezpur University. Presently, he is working as Assistant Professor in the Department of Energy Engineering, North Eastern Hill University, Shillong. His research areas include synthesis and application of advanced materials for applications in Photovoltaic, Water splitting and catalytic bio-diesel production and storage. He is also engaged in design and development of equipment/instrument for materials and energy research. He is recipient of prestigious awards like Young Scientist Award (Indian Science Congress Association, Kolkata) and Swarna Jayanti Puruskar (Indian Academy of Sciences, Allahabad). He has four (04) national patents and two (02) are in the process of technology transfer to Industry. He has published good number of Internal Journal Papers in reputed journal in the field of Energy. He has in several funded R&D projects from SERB, DST and Industry. He is also engaged in Consultancy activities for Industry and Government of Meghalaya.