



**ANRF PAIR Sponsored Two-Day National Workshop on
Advanced Materials Design and Characterization for Energy Application
March 24-25, 2026**



PROGRAMME SCHEDULE

<i>Day 1: 24th MARCH, 2026</i>		
<i>9.00 AM- 9.30 AM</i>	<i>Registration</i>	
<i>9.30 AM- 10.30 AM</i>	<i>Inauguration</i>	
<i>10.30 AM-11.00 AM</i>	<i>High Tea</i>	
Technical Session-I	Speaker	Session Chair
<i>11.00 AM-11.45 PM</i>	<i>Prof. Amaresh Mishra (Sambalpur University) Title: Fundamentals and Fabrication of Photovoltaics and Electrochemical Storage Devices</i>	<i>Prof. P Dash</i>
<i>11.45 AM-12.30 PM</i>	<i>Prof. Santanu Bhattacharyya (IISER Berhampur) Title: Insight Into the Sustainable Photocatalyst for Solar Fuel Production</i>	
<i>12.30 PM-1.15 PM</i>	<i>Prof. Sarat Kumar Swain (VSUUT Burla) Title: Polymer-based Nanocomposites for Energy Storage Applications</i>	
<i>1.15 PM - 2.30 PM</i>	<i>LUNCH BREAK</i>	
Technical Session-II	Speaker	Session Chair
<i>2.30 PM-3.15 PM</i>	<i>Prof. Nimai Mishra (ICT-Bhubaneswar) Title: How to Stabilize Perovskite Nanocrystals for Electrocatalytic, and Photocatalytic Applications</i>	<i>Prof. S. L. Samal</i>
<i>3.15 PM-4.00 PM</i>	<i>Prof. Parth Saha (NIT Rourkela) Title: Engineering Si/C-based Anodes Architecture for Li-ion Batteries Anode</i>	
<i>4.00 PM-6.00 PM</i>	<i>Rietveld Refinement and Demonstration of Single Crystal X-ray diffractometer Mr. Prasanjit Agasti and Mr. Subhasish Sahoo</i>	
<i>DAY -2 - 25th MARCH, 2026</i>		
Technical Session-III	Speaker	Session Chair
<i>9.00 AM –9:45 AM</i>	<i>Prof. Braja Gopal Mishra (NIT Rourkela) Title: X-ray Photoelectron Spectroscopy as an Advanced Surface Characterization Tool</i>	<i>Prof. Garudadhvaj Hota</i>
<i>9:45 AM - 10.30 AM</i>	<i>Prof. Sasmita Mohapatra (NIT Rourkela) Title: Multifunctional Photothermal Hydrogel for High-Efficiency Solar-Driven Water Purification</i>	
<i>10.30 AM -11:15 AM</i>	<i>Dr. Bapun Barik Title: Hydrogen Generation and Technology Development for Sustainable Energy Systems</i>	
<i>11.15 AM-1.15 PM</i>	<i>Electrode and Device fabrication (coin cell), Battery Lab</i>	
<i>01:15 PM – 01:30 PM</i>	<i>Concluding Session</i>	