



# Regent Education & Research Foundation Group of Institutions

## Internal Quality Assurance Cell (IQAC)

Organizes

5 Days Faculty Development Programme on

## RECENT TRENDS IN RENEWABLE ENERGY SECTOR

Date: 13<sup>th</sup> - 17<sup>th</sup> May, 2025

Platform: Hybrid Mode

### About the FDP

Fossil fuels have historically dominated electricity generation, accounting for approximately two-thirds of global electricity production. As a result of continuous large-scale consumption, accelerating the depletion of fossil fuel reserves, necessitates a transition to sustainable alternatives. In view of these conditions, the production of energy from naturally available Renewable Energy Sources (RES) has become a global priority. Over the past decade, the use of RES has expanded significantly, contributing 5–25% of global power generation. This means that the world is gradually shifting towards a complete transition from conventional sources to RES. Being lowest possibility of pollution susceptibility, RES is also called 'Green Energy'. Among RES, solar, wind, nuclear, hydroelectric and biomass have emerged as the most prominent options. Their environmental benefits, inexhaustibility, and cost-effectiveness provide distinct advantages over fossil fuels. The current FDP covers the emerging trends in RES by eminent speakers from various parts of India.

### Organizing Committee

#### Chairman

Dr. Sudip Basack, Principal

#### Convener/ Joint-Convener

Dr. Rajdeep Chakravarty, Dean(R&D)

Dr. Subhankar Ghosh, Dean(Academic)

#### Co-ordinator

Mr. Suprovat Basu, Registrar

#### Organizing Secretary/ Joint-Organizing Secretary

Mr. Shouvik Sarkar, HOD (CE Dept.)

Ms. Rajalakshmi Chandrasekhar, HOD (EEE Dept.)

#### Member

Ms. Labani Nandi, Asst. Prof.

Mr. Rahul Das, Asst. Prof.

Mr. Mrinmoy Das, Asst. Prof.

Mr. Avik Ghosh Dastidar, Asst Prof.

#### Program Facilitator

Ms. Abhilsha Shaw, Asst. Prof.

Mr. Sabyasachi Mukherjee, Asst. Prof.

#### IT Expert

Mr. Suresh Chandra Jana

## Resource Persons



### **Dr. A. K. Bhattacharya**

Chairman & Managing Director, MultiSpectra Consultants  
Professor (Retired), IEST Shibpur, Howrah

### **Dr. M.K. Loganathan**

Chief Reliability Consultant, Crimson Energy Experts Pvt. Ltd  
Formerly, Dean (Engineering & Technology) and Director IQAC,  
The Assam Kaziranga University, Assam



### **Dr. Shantanu Dutta**

Professor of Mechanical Engineering, Dean(A&R),  
Sanaka Educational Trust's Group of Institutions, Durgapur,  
West Bengal

### **Dr. Satyabrata Podder**

Associate Professor of Mechanical Engineering,  
Elite College of Engineering, Sodepur, West Bengal



### **Dr. Tado Gyadi**

Research Associate, NERIST, Govt. of India  
Junior Engineer, PHE & WS Dept., Arunachal Pradesh

## Registration Details

**Registration Link: <https://forms.gle/pgF179tGEA2aBJZk7>**



- No Registration Fee
- Last date of registration: 11<sup>th</sup> May 2025
- E- Certificate will be given to all participants who have 80% attendance
- Feedback form is to be filled at the end each day

## Contact Details

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