## Chief Patron

### Shri Arun T
**Secretary,**
**Higher & Technical Education, DNH & DD**

## Patron

### Shri Shivam Teotia
**Director,**
**Higher & Technical Education, DNH & DD**

### Shri T Balaganesan
**Principal (I/c),**
**Government Polytechnic Daman**

## Convener

### Shri Shiva Kumar Balusula
**Head (I/c), Electrical Engineering**
**Government Polytechnic Daman**

## Program Coordinator

### Dr Ashish Maheshwari
**Lecturer in Electrical Engineering**
**Government Polytechnic Daman**

## Program Co-Coordinator

### Dr Neerparaj Rai
**Lecturer in Electrical Engineering**
**Government Polytechnic Daman**

## Organizing Committee

- Shri Pradyumna Roy, Lecturer, EE
- Shri Ramesh Kumar Tumuluru, Lecturer, EE
- Chaitanya Krishna Prasad, Lecturer, EE
- Shri Manish Kumar Meena, Lecturer, EE
- Dr. Ranjeet Yadav, Lecturer, EE

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**ATAL**
*AICTE TRAINING & LEARNING ACADEMY*

**AICTE**
योगः कर्मसु कौशलम्
*All India Council for Technical Education*

**AICTE Training and Learning (ATAL)**

**SPONSORED**

One Week (Offline)

**FACULTY DEVELOPMENT PROGRAMME**
on

**Green Technology for Sustainable Life: Indian Perspective**

📅 **15-20 January, 2024**

**Organized by**

**Department of Electrical Engineering**
**Government Polytechnic Daman**
**U.T. Administration of DNH & DD**

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## Registration Process

For registration, participants are required to Sign up at the AICTE portal https://www.aicte-india.org/atal. After registration, you can apply for FDP with your login credentials.

## Contact Us

📞 Dr Ashish Maheshwari 95098 11599
   Dr Neerparaj Rai       70765 66327

✉️ fdpgtgpd@gmail.com

🌐 www.gpdaman.in

📍 Government Polytechnic Daman,
   Varkund, Nani Daman - 396 210

## All India Council for Technical Education (AICTE)

All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level apex advisory body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner.

## AICTE – Teaching and Learning (ATAL)

In AICTE – Teaching and Learning (ATAL) academy, the main objective is to plan and help impart quality technical education in the country and to support technical institutions fostering research, innovation and entrepreneurship through training in various emerging areas. This academy aims at calculating the drive for research and knowledge enhancement among the faculty members and research scholars, PG Scholars and industry persons.

## Government Polytechnic Daman

Government Polytechnic Daman under U.T. Administration of DNH & DD, was established in October 1989. The Institute runs the Departments of Civil Engineering, Chemical Engineering, Mechanical Engineering, Information Technology, Computer Engineering, Electrical Engineering and Plastic Engineering. The Government Polytechnic Daman is approved by the AICTE, New Delhi and is affiliated with Gujarat Technological University, Ahmedabad.

## Objective

A Green Technology Faculty Development Program is a specialized workshop designed to enhance educators' understanding and expertise in the field of sustainable and environmentally friendly technologies. This program focuses on equipping participants with the knowledge and tools to integrate green technologies into their curriculum, research, and teaching methodologies. Through interactive sessions, hands-on activities, and expert presentations, educators gain insights into renewable energy sources, energy efficiency, waste reduction, and eco-friendly materials. The FDP aims to foster a holistic understanding of the environmental impact of technology and promote innovative solutions for a greener future. This program builds a skilled workforce to drive positive ecological change and sustainable development.

## Contents to be covered

- Green technology from the Indian perspective
- Sustainable Energy technologies
- Bio-energy systems
- Wind and solar integration in competitive Power markets
- Demand side management
- Green buildings
- Green technology-based EV
- Grid Integration of Renewable Energy Sources
- Distributed Generation and Integration of Renewable Energy Sources in Smart City
- Energy Storage Technology

## Course Timeline

- 25 hours of teaching in ten equal sessions.
- 5 hours of practical/labs/ experiential learning sessions of one hour each.
- 4 hours of article discussion, one hour each.
- 3 hours each for MCQs, reflective journal and feedback.
- 3.5 hours for an Industrial visit.

## Resource Persons

Resource Persons for this Faculty Development Programme are faculties from IITs & NITs.

## Who can Attend

The Faculty member, Research Scholars and PG Students from AICTE approved institutions are eligible for this FDP. There is no registration fee to attend this FDP.

## Important Note

A lumpsum amount of upto Rs. 2,000 /- will be reimbursed to External Participants payable only for those with >= 90% Attendance & travelling beyond 20 KM one side. (Excluding In-house Participants)