

## About IIT Kharagpur



Kharagpur - a dusty town tucked away in the eastern corner of India, famous until 1950 as home to the longest railway platform in the world - became the nursery where the seed of the IIT system was planted in 1951. IIT Kharagpur started its journey in the old Hijli Detention Camp in Eastern India, where some of the country's great freedom fighters toiled and sacrificed their lives for India's independence. Spurred by the success of IIT Kharagpur, four younger IITs sprouted around the country in the two following decades, and from these five came thousands of IITians, the brand ambassadors of modern India. It was the success of this one institution at Kharagpur that wrote India's technological odyssey.

The Institute takes pride in its relentless effort to provide the best platform for both education as well as research in the areas of science and technology, infrastructure designs, entrepreneurship, law, management, and medical science and technology. IITKGP is not just the place to study technology, it is the place where students are taught to dream about the future of technology and beam across disciplines, making differences enough to change the world.

### Program Features/ Structure

Classroom lectures – **80%**

Numerical/ Problem solving, Case study and Activity – **5%**

Hands-on work with LMS software - **15%** (to build ESD Course Content)

### Program Schedule and Venue

**1 week**, 2 – 8 November 2020 (10:00 AM – 5:00 PM)

IIT Kharagpur- Rajiv Gandhi School of Intellectual Property Law

### Program Fee

**Nil** for AICTE-QIP sponsored participants

**For others - INR 10,000/-** (Ten Thousand) + **GST @18%** per participant

### Who will benefit (Eligibility)

All the technical and non-technical Faculty members and researchers..

### Last day of Registration

**1<sup>st</sup>**

**November 2020**

### Accommodation

Not Applicable

## How to Apply

Use the link: <https://erp.iitkgp.ac.in/CEP/courses.htm> to apply ONLINE.



Payment if applicable is to be done **ONLINE** after getting short listed for the program.

**Dr. Atasi Mohanty**, Principal Coordinator  
Centre for Education Technology  
IIT Kharagpur

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**Contact Us**



# AICTE QIP

QUALITY  
IMPROVEMENT PROGRAMME

Indian Institute of Technology Kharagpur

**Education for Sustainable  
Development (ESD):  
Implications for Pedagogy  
and Teacher Education**

**1 Week**

**2 – 8 November 2020**

## Introduction / Overview

Education is a human right and a force for sustainable development and peace. Every goal in UNESCO's '2030 Agenda' (17 Sustainable Development Goals-SDGs) requires education to empower people with the knowledge, skills and values to live in dignity, build their lives and contribute to their societies. While governments hold the main responsibility for ensuring the right to quality education, the '2030 Agenda' is a universal and collective commitment. It requires political will, global and regional collaboration, and active engagement of educational institutions, civil society, youth, corporate/private sector, and other multilateral agencies to tackle educational challenges and build systems that are inclusive, equitable and relevant to all learners/stakeholders. This course primarily aims at developing sustainability consciousness and awareness for achieving (SDGs for India) some of these goals among our students/teachers.

## Program Objectives

Participants would be able to understand UNESCO's Sustainable Development agenda, programme and its 17 goals (SDGs)

1. They would be able to understand and explain SDG 4- 'Quality Education for All'
2. They would be able to analyze how to use Education for Sustainable Development (ESD) to achieve SDG 4.7 and SDG 4.4
3. They would be able to relate 'Sustainable education' with Engineering subject/s, other SDGs and make effort for global partnerships

## What you will learn

### Program Content

#### UNIT-1: Introduction to ESD

- a) Introduction to UNESCO 17 Sustainable Development Goals (SDG)
- b) SD Goal-4- Quality Education for all
- c) Education for Sustainable Development (ESD)
- d) ESD & Global Citizenship: SDG- 4.7

#### UNIT-2: ESD & Sustainability

##### 2. ESD for achieving SDG-4.4

- a) Technical & vocational skills for employability
- b) 21st Century competencies for global & decent jobs
- c) Sustainable entrepreneurship
- d) Promoting good mental health & wellbeing
- e) Inclusive education & social transformation

#### UNIT-3: ESD & Sustainable Education

##### 3. Sustainable education & global partnership

- a) Educational policy & curriculum
- b) Pedagogical practices & ICT
- c) Educational research & social benefits
- d) Educational ecosystem & management
- f) Professional development & leadership

#### UNIT-4: Hands On

### About the Faculty

#### Coordinator

Dr. Atasi Mohanty

Faculty in Centre for Educational Technology ; teaches ESD, Psychology of Learning, Professional Development, Educational Leadership. Areas of special interest are - Sustainable Development goals, Transformative Pedagogy, Collaborative Learning and Social Entrepreneurship.

#### Co-Coordinator

Dr. M. Padmavati

Faculty and Dean in RGSOIP Law School; areas of expertise and special interest are Biodiversity, Traditional Knowledge and Intellectual Property Law.

#### Other faculty for the course

Interdisciplinary Faculty members from IIT Kharagpur and other institutes