THE INSTITUTION

About IIT Kharagpur



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Established in 1951, the Indian Institute of Technology Kharagpur (IIT Kharagpur) is India's first IIT and a premier institution of national importance, renowned for its excellence in education, research, innovation, and entrepreneurship. With a vibrant academic environment and a rich legacy of nation-building, the Institute fosters interdisciplinary learning, scientific inquiry, technological advancement, and socially relevant innovation. Its commitment to academic excellence and impactful research continues to contribute to national development and global knowledge creation.

WORKSHOP CONVENER

Dr. Astha Saxena

Assistant Professor, Department of Education, IIT Kharagpur

Organizing Team

- Mr. Ashutosh Singh, Research Scholar, IIT Kharagpur
- Mr. Avinash Soni, Research Scholar, IIT Kharagpur
- Ms. Sonali De, Research Scholar, IIT Kharagpur

WORKSHOP INFORMATION

Plan your participation

A three-day workshop for educators and teachers

WHEN & WHERE

18–20 January 2027

10:00 AM – 5:00 PM • Department of Education, IIT Kharagpur

REGISTRATION FEE: Rs. 1000 per participant

Limited spots · First come, first served

REGISTRATION

ADD QR CODE

Registration link: [ADD LINK]

Deadline: [ADD DATE]

CONNECT US:

Email: nextgenstem.edu@gmail.com
Mobile: 9717380283 (Whatsapp)

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

DEPARTMENT OF EDUCATION



SUSTAINABLE FUTURE THROUGH EDUCATION

A 3-DAY WORKSHOP

4 QUALITY EDUCATION

3 GOOD HEALTH AND WELL-BEING

13 CLIMATE ACTION

Empowering Educators and Students

EDUCATE. INNOVATE. SUSTAIN.

PURPOSE & LEARNING PATHWAY

Transforming Classrooms, Nurturing the Planet



Integrate Sustainability, Inspire Action

Join educators and students building a greener future. Discover innovative teaching methods, enhance curricula through EE and ESD, and align with NEP 2020 and NCFSE 2023.

FIVE-STEP CURRICULUM JOURNEY

1 Understand Core Concepts

Environmental Education (EE), Education for Sustainable Development (ESD), and sustainability literacy.

2 Interpret Policy Frameworks

Interpret NEP 2020 and NCFSE 2023 provisions related to sustainability.

3 Integrate Sustainability Themes

Integrate themes across school subjects; develop interdisciplinary projects related to environmental issues.

4 Design Learning Activities

Design experiential and competency-based activities using local environmental contexts.

5 Develop Assessments & Practices

Design environmental competency assessments; develop eco-friendly school practices and green initiatives.

PROGRAMME COMPONENTS

Workshop Highlights



Expert Lectures

Gain insights from leading environmental scientists and educators.



Hands-On Sessions

Engage in practical activities and develop skills for implementing EE and ESD in your school.



Interdisciplinary Curriculum Design

Analyse NCERT textbooks and integrate environmental education and sustainability themes.



Problem-Based Learning (PBL)

Integrate PBL into classroom pedagogy and design action plans for local environmental issues.



IIT Kharagpur Visit

Explore advanced research facilities and innovative sustainability projects.

From awareness to action

Environmental knowledge, classroom practice, and collective responsibility.

FOR TEACHERS · STUDENTS · SCHOOLS

Workshop Expected Outcomes

01 TEACHER OUTCOMES

Develop curriculum integration skills, leadership in green initiatives, and sustainability-integrated lesson plans.

02 STUDENT OUTCOMES

Build environmental literacy, adopt sustainable lifestyle practices, and develop critical thinking and civic responsibility.

03 SCHOOL OUTCOMES

Invest in green initiatives, align curriculum with NEP 2020, engage the community, and foster a sustainable institutional culture.

Educate. Innovate. Sustain.

Develop environmental awareness and action-oriented skills for a resilient future. Empower change through education.

This workshop empowers educators and students with tools and knowledge for environmental stewardship. Join us to foster a generation committed to a sustainable and climate-conscious future.