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Prof. (Dr.) Bidyadhar Sahoo
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IGIT Sarang

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Dr. G.K.Pothal
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Deptt. of Civil Engg.

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Prof. B. P. Panigrahi, Dean (PGS&R)
Prof. P Das, Dean (SW)
Prof. P.K.Pani
Prof. C. R. Sahoo

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Dr. Sujit Kumar Pradhan
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Co-Coordinator

Dr. Srinivas Sethi
Professor
Deptt. Of Computer Science Engineering &
Application
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About the Institution

Indira Gandhi Institute of Technology (IGIT), Sarang, established in 1982 by the Government of Odisha, offers eight undergraduate engineering courses, nine full-time and two part-time postgraduate engineering/master's programs, three MSc courses, and five diploma courses in Civil, Electrical, Electronics & Telecommunication, Mechanical, and Metallurgical Engineering.

Spanning 179 acres, the campus features a central library with 27,000 books, a computer center, workshops, eight hostels, and various amenities like a guest house, hospital, post office, canteen, SBI branch, cooperative store, NSS, NCC, clubs, a telephone exchange, and schooling up to high school level.

Recognized for its academic excellence, IGIT was the first government engineering college in Odisha to have five undergraduate courses accredited by the NBA (AICTE). The institute was granted **autonomous status** in 2017, further enhancing its academic standing.

Department of Civil Engineering

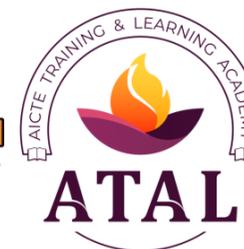
The department at IGIT has highly qualified faculty, offering students both theoretical knowledge and practical exposure through site visits and industrial tours.

The AICTE has approved a two-year P.G. program in Structural, Geotechnical, Transportation, and Environmental Engineering. Recognized as a QIP Centre by AICTE/MHRD, the department earned NBA accreditation for 2022-2025. It boasts well-equipped labs for Environmental, Geotechnical, Hydraulic, Structural, and Transportation Engineering, along with a Surveying Lab and Departmental Computer Centre.

6 Days Online
Faculty Development Program
on

**Empowering the Future: Sustainable
Energy for a Changing Climate**

Under
AICTE Training & Learning (ATAL) Academy



Sponsored By

*AICTE New Delhi
From*

24th-29th November 2025

Organized by

Department of Civil Engineering
Indira Gandhi Institute of Technology
Sarang
(An Autonomous Institute of Government of Odisha)
Dhenkanal-459146, Odisha, India

About FDP

6 days Online FDP on “**Empowering the Future: Sustainable Energy for a Changing Climate**” to be organized by the Department of Civil Engineering, IGIT Sarang is intended to assist the researchers, faculties, industry personnel and professionals mainly from academic institutions, industries of Indian and foreign country to share their knowledge and to develop mutual training and research activities in the field of energy, sustainability and climate change.

Objective

The objective of the FDP to enhance the knowledge and skills of faculty members in the field of sustainable energy technologies and climate change mitigation. The program aims to foster awareness of renewable energy solutions, energy efficiency practices, and their role in achieving environmental sustainability. It seeks to empower educators to integrate these concepts into their teaching and research, promoting interdisciplinary collaboration and innovation. By doing so, the FDP supports the development of future-ready professionals committed to addressing global energy and climate challenges. It also is to equip participants with in-depth knowledge and skills related to sustainable energy practices and the impacts of climate change. It aims to create a platform for educators, researchers, and professionals to collaborate on solutions for a sustainable future.

Outcome of the FDP

This FDP is expected to yield several key outcomes. Participants will gain a comprehensive understanding of sustainable energy technologies, climate change dynamics, and their interconnections. They will be equipped with the latest insights on renewable energy systems, energy efficiency strategies, and policy frameworks aimed at reducing carbon footprints. Faculty members will enhance their ability to incorporate sustainability concepts into curricula, fostering environmental awareness among students. The FDP will also encourage interdisciplinary research, innovation, and collaborative projects addressing energy and climate challenges. By the end of the program, participants will have developed the capacity to mentor students in sustainability-focused projects and promote eco-conscious practices within their institutions. Ultimately, the FDP will contribute to building a network of empowered educators who are capable of shaping future professionals committed to creating a sustainable, climate-resilient world.

Eligibility for participants

The faculty members, Research scholars & PG Scholars of the AICTE approved institutions and Industry Personnel

Registration fees

*“No Charge for Registration, Course and Certification”
and Reference for filling FDP Proposal form*

Test and Certificate

(a) A test shall be conducted (online) by coordinator at the end of the program.

(b) The certificates shall be issued to those participants who are registered on ATAL portal (<https://atalacademy.aicte-india.org/signup>) and attend the program with minimum 80% attendance and score minimum 70% marks in the test.

(c) Feedback must be shared by participants through portal available on their login.

Resource Person



Name: Dr Brajesh Kumar Dubey

Designation: Professor, IIT Kharagpur

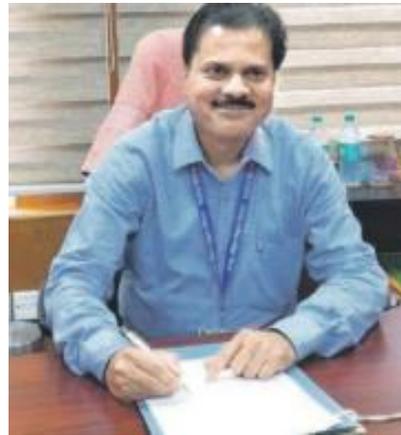
Experience: 18 Years



Name: Mr Shirish Garud
Designation: Consultant, TERI-
The Energy Resources Institute
Experience: 32 Years



Name: Dr Rakesh Roshan Dash
Designation: Professor, VSSUT Burla
Experience: 17 Years



Name: Dr Mrutyunjaya Mohapatra
Designation: Director General, India
Meteorological Department
Experience: 35 Years



Name: Dr Manorama Mohanty
Designation: Director, Meteorological Centre,
Bhubaneswar
Experience: 21 Years



Name: Dr S N Mishra
Designation: Senior Consultant, LEA Associates
South Asia Private Limited
Experience: 13 Years



Name of the Expert: Dr Subrata Hait
Designation: Associate Professor, IIT Patna
Experience: 15 Years



Name: Mr Gokul Pandian
Designation: Director, EY India, New Delhi
Experience: 19 Years



Name: Dr Sanjaya Kumar Patnaik
Designation: General Manager (Env & TQM),
National Aluminium Company Limited (NALCO)
Experience: 34 Years



Name: Dr Umesh Mishra
Designation: Professor, NIT Agartala
Experience: 32 Years



Name: Dr Puspendu Bhunia
Designation: Professor, IIT Bhubaneswar
Experience: 16 Years



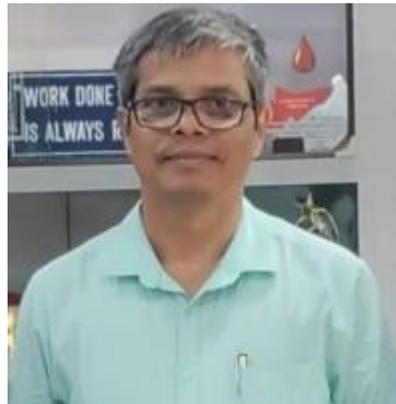
Name: Dr Sridhara Nayak
Designation: Chief Scientist, Japan
Meteorological Corporation, Japan
Experience: 11 Years



Name: Dr Amit Kumar Mishra
Designation: Professor, Aberystwyth University,
UK
Experience: 20 Years



Name of the Coordinator: Dr Sujit Kumar Pradhan
Designation: Assistant Professor, IGIT Sarang
Experience: 15 Years



Name of the Co-Coordinator: Dr Srinivas Sethi
Designation: Professor, IGIT Sarang
Experience: 26 Years