

ABOUT THE INSTITUTE

Gandhi Institute of Excellent Technocrats (GIET), Ghangapatana, Bhubaneswar is a "A+" NAAC accreditation institute under the flagship of Gandhi Group of Institutions (G.G.I) is an AICTE approved institute established in the year 2009. The B.Tech, MBA and MCA programs of the institute are affiliated to Biju Patnaik University of Technology, Odisha and the Diploma programme is affiliated to State Council for Technical Education and Vocational Training, Govt. of Odisha, Bhubaneswar. The institute is set up by Venkateshwar Educational Trust and is being managed by distinguished Governing Council members comprising senior executives from Academics and Industries. The Institute works with a mission to provide quality education of international standards for producing technocrats and future leaders in a disciplined and conducive environment as an integral part of our societal commitment to promote education globally. It was started with an intake of 240 students in four branches with a motto of providing quality engineering education in a highly disciplined environment. In less than a decade it became a citadel of engineering education having 1080 intake with 7 B. Tech. Courses and 2 PG courses i.e. MBA and MCA. It has been regarded as Modern Gurukul by the students, alumni, faculty and all distinguished visitors for its learning environment, faculty, infrastructure and the facilities.

UG Courses

Seats

Mechanical Engineering	60
Electronics & Communication Engg.	60
Computer Science and Engg.	180
Electrical & Electronics Engg.	60
Electrical Engineering	60
Civil Engineering	60
Computer Science and Engg.(AI)	60

PG Courses

Seats

Master of Business Administration (MBA)	120
Master in Computer Application (MCA)	180

Diploma Courses

Seats

Mechanical Engineering	60
Electrical Engineering	60
Civil Engineering	60

www.gietbbsr.edu.in

ABOUT THE DEPARTMENT

The Department of Electrical Engineering was established in the year 2009. The electrical engineering department typically offers a bachelor's degree in electrical engineering, as well as master's and doctoral degrees. The undergraduate program provides students with a foundation in the basic principles of electrical engineering, such as circuit analysis, electromagnetics, and power systems. The graduate programs offer more specialized training in areas such as power electronics, telecommunications, and embedded systems.

Electronics & Communication Engineering deals with the electronic devices, circuits, communication equipments like transmitter, receiver, integrated circuits (IC). It also deals with basic electronics, analog and digital transmission & reception of data, voice and video (Example AM, FM, DTH), microprocessors, satellite communication, microwave engineering, antennae and wave progression. It aims to deepen the knowledge and skills of the students on the basic concepts and theories that will equip them in their professional work involving analysis, systems implementation, operation, production, and maintenance of the various applications in the field of Electronics and Communications Engineering.

The department of Electrical and Electronics Engineering aims at producing qualified engineers in the areas of electronics, communication engineering, signal processing and instrumentation. The field of electronics and communication is advancing at a very rapid pace. Digital electronics has taken the center stage in every area be it computer, microprocessor or communications. The department is well equipped with a group of highly qualified and dynamic teachers. It boasts of laboratory facility to be one of the best in the state. The students are encouraged and motivated to take up challenging projects. Summer training, industrial visit and projects are carefully planned for the students to remain updated with the technology trend. Seminars and short courses are regularly organized to update the students with the latest in the education and industry trends.



CONTACT US

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www.gietbbsr.edu.in



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Gandhi Institute of Excellent Technocrats

APPROVED BY AICTE, NEW DELHI & AFFILIATED TO BPUT, ROURKELA & SCTE & VT BHUBANESWAR, GOVT. OF ODISHA

Ghangapatana, Bhubaneswar, Dist: Khurda, Odisha, Pin: 752054

ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME

"RECENT EXPLORATION AND EXPANSION
ON
ELECTRICAL & COMMUNICATION ENGINEERING;
IMPACT 4.0"

FDP-2024

12th to 18th Feb 2024

ORGANIZED BY

Department of EE,EEE & ECE

Gandhi Institute of Excellent Technocrats (GIET)

Ghangapatana, Bhubaneswar, Dist: Khurda, Odisha, Pin: 752054



Website: <https://www.gietbbsr.edu.in>



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About the FDP.....

THE THEME OF THE FDP:“VIKASIT BHARAT; URJA KI VIKAS, SARANKHYAN, SARANCHANA & PRABHAV” .

The 1 week Faculty Development Program aims at providing strong theoretical background of Artificial Intelligence (AI), Internet of Things (IoT) and refers to technologies provide critical perspectives for future innovation and business growth. Technologies like Artificial Intelligence (AI), Internet of Things (IoT), Big data, Machine Learning (ML), and other advanced upcoming technologies are being used to implement Industry 4.0 to Impact 4.0. This FDP explores how technologies help create a sustainable environment in manufacturing energy, application or proper utilisation and storage. The adoptive technologies and the crucial interrelationships through advanced technologies should impact the environment positively.

The proposed FDP is designed to offer a unique opportunity to the participants to interact with the prominent experts from industry, faculty from premier academic institutions, and distinguished practitioners working in the area of AI, DS and Image processing. Lectures will be delivered by eminent experts, having rich technical experience in the respective field of application and hence will provide deeper insight and knowledge to the participants about the advances in the recent field of AI.

TOPICS TO BE COVERED

1. Power Electronics Application to Renewable Energy.
2. AI-Based Electric Vehicle.
3. Machine Learning in Modern Power System Protection.
4. Recent Advancement in 5G & Beyond.
5. Energy Transition & Future Outlook.
6. upcoming technologies are being used to implement Industry 4.0 .

RESOURCE PERSONS

- Dr. KANUNGO BARADA MOHANTY, NIT, ROURKELA
- Dr. ARUNANSHU MOHAPATRA , VSSUT, BURLA
- Dr. DEBANI PRASAD MISHRA , IIIT, BHUBANESWAR
- Dr. SURENDER REDDY SALKUTI , WOOSONG UNIVERSITY, REPUBLIC OF KOREA
- Dr. ASMA ACHNIB , PHD UNIVERSITY OF BORDEAUX FRANCE

GIET
GHANGAPATNA
BHUBANESWAR

WHO SHOULD ATTEND

Academic professionals / Teachers from Engineering Institutions / Research Scholars / Executives of research organizations and Ph.D / fellow program scholars.

OBJECTIVES OF THE PROGRAMME:

To be acquainted with fourth industrial revolution.

To gain the knowledge about Electric vehicle and how AI is applicable for handling and its application.

To know about what is the importance of technological innovation in industry and how it will be beneficial to the stakeholders.

To gain the knowledge about Renewable Energy and it's recent applications.

BENEFITS OF THE PROGRAMME:

This FDP will provide ample scope to the academicians / research scholars to gain the knowledge which factors are really driving the concept of industry 4.0 and technological innovation. Also to gain knowledge about what are the necessity and consequence of digital revolution and its impact on industry stakeholders. This FDP will focus on Electric vehicle and Machine Learning in Modern Power System Protection. This FDP will provide upcoming technologies used to utilize Renewable Energy sources. This FDP will provide idea about AI-Based Electric Vehicle.

REGISTRATION DETAILS

The Registration fee for participation is Rs 100/-

Participants need to pay the Registration Fee Online using the following details.

Beneficiary Name: Gandhi Institute of Excellent Technocrats

Bank Name: State Bank of India **Branch:** IRC Village ,Nayapalli , Bhubaneswar

A/c Number: 31928575034

IFSC Code: SBIN0007045

Last Date For Registration:- 9.02.2024

Participants interested in attending FDP can complete the registration form along with the registration fee copy on or before 9th Feb 2024.

On successful participation of FDP, E-Certificate will be awarded

Registration Link: <https://forms.gle/vdVUu33wiDJJEYgp9>

ADDRESS FOR COMMUNICATION

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CHIEF PATRONS

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CHAIRMAN

Er. Rama Narayan Sabat
VICE CHAIRMAN

Er. Minakshi Panda
SECRETARY

PATRON

Dr.Subhrajit Pradhan
PRINCIPAL

CONVENOR

Prof. BTM Nayak
HOD, EE & EEE

CO-CONVENOR

Prof. Shaktinarayan Mishra
ASST.PROF. ECE

ADVISORY COMMITTEE

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Dr. Dillip Dash, Dean Student Affairs
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Prof. Tarakanta Sahoo, HOD BSH
Prof. Tarini Prasad Pattnaik, HOD EE
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Prof. Niyati Nayak, HOD CIVIL
Dr. Maitrayee Rout, HOD MBA
Prof. Swarupa Arya, HOD MCA
SJ. Nilanchala Patra, HR

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