



DTE Code: 4151

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TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

CGPA SCORE: 3.32

NATIONAL BOARD
of ACCREDITATION
UG EE & Mech Engg
w.e.f. 23-24 to 25-26**GAIKWAD-PATIL**
GROUP OF INSTITUTIONS

In Association with

Knowledge Partner

Indian Society for
Technical EducationSolar Energy
Society of India

One Week FDP on "IoT-Driven Renewable Energy: Powering Sustainable Futures"

(Self Sponsored)

Organized by

DEPARTMENT OF
ELECTRICAL ENGINEERING**20th to 24th
May
2024**

MISSION

- To strive for rearing standard and stature of the students by practicing high standards of professional ethics, transparency and accountability.
- To provide facilities and services to meet the challenges of Industry and Society.
- To facilitate socially responsive research, innovation and entrepreneurship.
- To ascertain holistic development of the students and staff members by inculcating knowledge and profession as

ABOUT TGPCET

Gaikwad-Patil Group of Institutions (GPGI) provides education in various sectors such as Engineering & Technology, Science, Management, Architecture & Health Science. Tulsiramji Gaikwad-Patil College of Engineering and Technology (TGPCET) was established in the year 2007 by Vidarbha Bahuddeshiya Shikshan Sanstha (VBSS), a registered society. It is a self-financed Private Engineering College, which is affiliated to RTMNU, Nagpur and is approved by AICTE, New Delhi and DTE, Mumbai, Maharashtra State. The Institute is NAAC Accredited with A+ grade (3.32 CGPA). It is an Autonomous Institute affiliated to RTM Nagpur University, Nagpur.

VISION

- "To emerge as a learning Center of Excellence in the National Ethos in domains of Science, Technology and Management"

DEPARTMENT OF ELECTRICAL ENGINEERING

The Department Of Electrical Engineering NBA Accredited from sessions 2023-24 Electrical Engineering is the one of core branch of Engineering. The basic infrastructure like electrical power plays the major role in the developing economy. The Department Of Electrical Engineering provides in depth education & prepares its students for all the possible future career & developments in technology. Department has a fine blend of experienced as well as young dynamic enthusiastic personalities as faculty for providing quality education at both B.E.(Electrical) and M.Tech.(Integrated Power System) and (EVT). It aims to promote research and teaching activity based on advanced and novel teaching methods. Technical experts from the industries and institution also contribute to the institute with their knowledge and experience.

VISION

To emerge as a learning hub and centre of excellence in the domain of Electrical Engineering.

MISSION

- To disseminate knowledge replete with quality education in the field of Electrical Engineering in meticulous and methodical manner.
- To provide platform to address societal issues as well as challenges faced by industries.
- To develop research culture and inculcate innovative and entrepreneurial skills.
- To ensure overall development of students and staff by instilling knowledge and professional ethics as a part of lifelong learning.

PATRONS

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ORGANIZING COMMITTEE

Dr. Pratik Ghutke (Convener)
HoD & Assistant Professor
Department of Electrical Engineering

Prof. Ganesh Wakte (Coordinator)
Assistant Professor
Department of Electrical Engineering

Prof. Chetan Jambhulkar (Co-coordinator)
Assistant Professor
Department of Electrical Engineering

Objective

1. To Enhance faculty expertise in renewable energy and IoT-integrated embedded systems.
2. To Foster interdisciplinary collaboration among faculty members.
3. To Promote cutting-edge research in renewable energy and IoT technologies.
4. To Strengthen teaching methodologies for technology integration.
5. To Empower faculty to lead initiatives addressing societal challenges.

Major Topics to be Covered

- Introduction to Renewable Energy Systems
- Fundamentals of Sustainable Power Generation
- Principles of Embedded Systems
- Basics of Internet of Things (IoT) Applications
- Solar Energy Technologies and Applications
- Wind Energy Systems and Integration
- Energy Storage Solutions
- Practical Applications and Case Studies
- Stress Management

Course Outcomes

- Faculty Expertise: Renewable energy, sustainable power, IoT.
- Collaboration: Innovating through teamwork.
- Research Advancements: Driving progress in renewables, IoT, embedded systems.
- Enhanced Teaching: Innovative approaches for better learning.
- Societal Impact: Leading global initiatives on climate, energy, and digital challenges.

Resource Person

- Dr. Ritunesh Kumar**, Professor, IIT Indore
Dr. N. R. Patne, Professor, VNIT, Nagpur
Dr. G. K. Awari, HoD and Professor, Govt. Polytechnic Nagpur
Dr. Rakesh Maurya, Associate Professor, SVNIT, Surat
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Prof. Ganesh Wakte, Assistant Professor, TGPCET, Nagpur
Ms. Jaya Awari, Meditation Trainer, Samarpan Meditation Centre, Nagpur

Who can Attend

FDP is open to Graduate, Postgraduate and Ph.D. students and faculties from Institutes, Colleges, and Universities in India. Applicants pursuing PG/Ph.D. programmes in any specialization of Engineering and Sciences are eligible.

How to Apply

Interested Faculty and students can register by filling the online google form below

Venue

Online (Google Meet)

Duration of FDP

The FDP will be organized in online mode from

20th - 24th May, 2024

Important Information

Registration fees: 300/-

(Certificate from ISTE)

A test will be conducted at end of the FDP and certificates will be issued to all participants who attended all the sessions and scored 60% in the test.

Feedback form will be circulated at the end of FDP

Important Dates

Last date for Registration

15th May, 2024

For any query, please contact

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Contact No.: 9767230527
Prof. Chetan Jambhulkar
Email ID: chetan.electrical@tgpct.com
Contact No.: 9503309891

SCAN

for Registration



for Payment

