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TWO DAYS WORKSHOP ON

Energy Conservation and Awareness Conclave 2026

17-18 November 2026



Organized by

SCHOOL OF ELECTRICAL SCIENCES
ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH,
Bhubaneswar, Odisha

Supported by

Engineer-in-Chief (Electricity)
cum-Principal Chief Electrical Inspector
&
State Designated Agency (SDA), Odisha

ABOUT OUTR

The Odisha University of Technology and Research (formerly known as College of Engineering & Technology) Bhubaneswar was established by the Government of Odisha in 1981 to meet the growing technical manpower need in the state. The University is located in the Techno-campus (an area of more than 100 acres) at Kalinga Nagar, Bhubaneswar about 2.0 kms. away from Khandagiri-Udayagiri caves. Equipped with high end research facilities with the presence of a High-Performance Computing Lab. for Artificial Intelligence, Deep Learning and Virtual Reality, Scanning Electron Microscope, IoT Lab., 3D Printers to name a few. The university is NAAC 'A' accredited and got an academic autonomy status in September 2017. The university has received funds under three TEQIP programs.

ABOUT THE SCHOOL

The School of Electrical Sciences started as Department of Electrical Engineering and was established in the year 1982 in College of Engineering and Technology, OUAT. In the past 44 years, the School has developed manifold to join the club of elite departments in the state. The very fact that only the top rankers of the JEE Mains are eligible to study in this School speaks tons about the importance of the department in the state educational scenario.

The School is committed to provide best quality knowledge in a lucid and less tiresome ways. The Alumni of the School include software developers, bankers, academicians, entrepreneurs, administrators, etc. and people from various other fields. Its students have consistently secured placements in reputed organizations and leading destinations, and this impressive placement record bears testimony to the School's dedication and determination.

ABOUT THE WORKSHOP

The workshop “**Energy Conservation and Awareness Conclave 2026**” is designed to promote awareness and practical understanding of the latest ECSBC 2024 standards. It focuses on how energy-efficient technologies can significantly reduce electricity consumption in households, communities & other sectors. The sessions will explore key aspects such as passive design strategies, improved insulation, high-performance windows, energy-efficient lighting, HVAC systems, and integration of renewable energy sources like solar power. Special emphasis will be placed on aligning residential energy consumption practices with the national energy efficiency targets.

Objectives:

- To educate participants about Energy Conservation requirements and compliance procedures.
- To demonstrate practical methods for reducing energy demand in households, communities & other sectors.

- To encourage architects, engineers, and homeowners to adopt sustainable design principles.

Benefits:

- Reduced electricity bills through optimized energy use.
- Enhanced indoor comfort and better thermal performance.
- Long-term energy savings and higher property value.

Environmental Impact:

- Lower greenhouse gas emissions and reduced reliance on fossil fuels.
- Conservation of finite energy resources.
- Contribution to India's sustainable development and climate goals.

Implementation:

The core mission of the **Energy Conservation and Awareness Conclave 2026** is to drive the collaborative action required for a sustainable future. We recognize that the successful adoption of energy conservation practices demands unified efforts between policymakers, builders, and homeowners. Through the dialogues, models, and presentations showcased at this conclave, we aim to champion robust incentives for energy-efficient retrofitting, and widespread public awareness campaigns.

Who shall attend?

The faculty members of OUTR, PG/PhD Scholars, Technocrats from EIC (E), BMC, Practicing Architects, Town Planners, Civil Engineers (GoO), BDA, CMC.

Who shall participate?

Diploma, B.Tech, PG/PhD Scholars from all Colleges and Universities of Odisha.

Event Competitions & Guidelines

1. Working Model Demonstration

Showcase your innovative prototypes, working models, and technological solutions dedicated to energy conservation, renewable energy, and sustainable practices.

- **Team Size: Maximum of 2 members per team.**

Prize Pool:

- 1st Prize: ₹30,000
- 2nd Prize: ₹20,000
- 3rd Prize: ₹15,000

2. Poster Presentation

Express your vision and spread awareness! Design and present compelling visual narratives focused on the critical need for energy conservation and sustainable living.

- **Team Size: Individual participation (Maximum 1 member).**
- **Poster Size: 4*3 ft**

Prize Pool:

- 1st Prize: ₹15,000
- 2nd Prize: ₹10,000
- 3rd Prize: ₹5,000

Participant Facilities

Accommodation: Complimentary accommodation will be provided for all registered outstation participants for the duration of the conclave.

Certificates: Certificate of Participation for all attendees and Certificate of Excellence for all winners.

SELECTION

All submitted abstracts and proposals will be reviewed by an expert panel to select the final 100 participants (e.g., 50 Models and 50 Posters) who will be invited to demonstrate at the conclave.

- **Theme Alignment:** The core concept must directly address energy conservation, sustainable practices, renewable energy adoption, or public awareness.
- **Originality:** The proposal must demonstrate a unique approach, avoiding direct replication of existing, common projects without added innovation.
- **Feasibility (Models):** The proposed model must be scientifically sound and capable of being physically demonstrated at the venue.
- **Clarity of Message (Posters):** The abstract must clearly state the specific conservation issue being addressed and the intended takeaway for the audience.

The winners will be given an opportunity to present their poster and model on National Energy Conservation Day (Dec 14, 2026) at Odisha State Convention Centre, Loka Seva Bhavan.

REGISTRATION DETAILS

(Through Online Mode)

Link: <https://tinyurl.com/OUTREACAC2026>

IMPORTANT DATES

Registration fee for participants: NIL

Last date of registration and submission of Abstract:
08-11-2026

Last date of Confirmation: 12-11-2026