PARALA MAHARAJA ENGINEERING COLLEGE
DEPARTMENT OF ELECTRICAL ENGINEERING

ENERGY CLUB

ANNUAL ACTIVITY REPORT | 2025–26

“POWERING KNOWLEDGE. ENERGIZING FUTURES.”

1. Introduction

The Energy Club is a student-led initiative of the Department of Electrical Engineering, Parala Maharaja Engineering College (PMEC), Berhampur, Odisha. It promotes awareness, innovation and practical learning in energy, renewable technology and sustainability. The club provides students with a platform to explore energy systems beyond classroom learning, exchange ideas and develop technical and professional skills.

Its learning scope covers generation, transmission and distribution, together with renewable energy sources such as solar, wind and biomass. It also encourages students to understand conventional energy systems and the importance of energy conservation.

2. Inauguration of the Energy Club

The Energy Club was officially inaugurated on **27 August 2025** by the Department of Electrical Engineering at PMEC. The induction programme marked the beginning of the club’s journey for 2025–26, introduced its vision and activities, and welcomed students into a shared platform for technical exploration, collaboration and innovation.



Photographs from the Energy Club inauguration programme, 27 August 2025.

3. Vision and Objectives

The club aims to build an energy-conscious student community. Its key objectives are to promote renewable-energy awareness; connect engineering concepts with practical applications; develop creativity, leadership, teamwork and communication; and motivate students to explore solutions to energy-related challenges.

4. Areas of Learning and Engagement

Energy generation: Understanding electricity production through hydro, thermal and renewable sources.

Transmission: Exploring the movement of electrical power over long distances through high-voltage networks.

Distribution: Learning how electricity reaches homes, campuses and industries.

Renewable energy: Exploring solar, wind and biomass technologies, their applications and opportunities.

Conventional systems and energy issues: Understanding existing energy systems and the importance of efficient energy use.

5. Activities and Student Participation

The induction presentation outlines the following activity areas for engaging students and strengthening practical skills:

Activity	Purpose
Renewable Energy Quiz	To test and strengthen knowledge of clean-energy concepts.
PPT Presentation	To communicate ideas on energy and sustainability.
Renewable Energy Modelling	To encourage hands-on model building and practical understanding.
Drawing and Poster Making	To express creative ideas on energy conservation.
Energy Audit Workshop	To introduce methods of assessing and reducing energy use.

6. Skills and Values Promoted

The club promotes learning beyond books, innovation for tomorrow, collaboration and purposeful contribution to a sustainable future. Participation in its activities can help students strengthen presentation, problem-solving, teamwork, leadership, creativity and confidence. Students are encouraged to take responsibility, organise activities and share knowledge with peers.

7. Student Recognition

The induction presentation includes examples of student achievement certificates and faculty-and-student recognition. These recognitions highlight the club's intention to value participation, contribution and effort, and to motivate students to remain involved in its initiatives.



Student achievement and faculty–student recognition photographs shown in the induction presentation.

8. Organisation and Coordination

The Energy Club functions under the guidance of the Department of Electrical Engineering. The induction presentation identifies the following coordination team:

Role	Name	Responsibility
Faculty Coordinator	Prof. Bibhuti Bhusan Behera	Guides the club's mission, vision and activities throughout the year.
Student Coordinator	Gurudev Singh	Supports student coordination and club participation.
Student Coordinator	Laxmipriya Swain	Supports student coordination and club participation.

9. Outreach and Continued Participation

The induction programme encouraged students to stay connected for upcoming events, workshops and opportunities to build, present and lead. Students were directed to contact the student coordinators, join the official Energy Club WhatsApp group using the QR code provided in the presentation, and follow announcements about future activities.

JOIN THE ENERGY CLUB COMMUNITY
Students were invited to scan the QR code from the induction presentation to connect with the official WhatsApp group.

10. Overall Summary

The academic year 2025–26 began with the formal inauguration of the Energy Club on 27 August 2025. The induction programme established the club's purpose, introduced its coordination team and presented a framework of technical, creative and awareness-based activities. With an emphasis on renewable energy, practical learning, teamwork and sustainability, the club offers students an opportunity to connect engineering knowledge with real-world energy challenges.

The Energy Club will continue to encourage students to learn, innovate and collaborate while building a more informed and energy-conscious campus community.

"POWERING KNOWLEDGE. ENERGIZING FUTURES."

Prepared by: Energy Club, Department of Electrical Engineering, PMEC
Faculty Coordinator: Prof. Bibhuti Bhusan Behera

Report note: The source presentation confirms the inauguration on 27 August 2025 and describes the club's activity areas. It does not provide dates or completion records for each listed activity; therefore, those activities are presented as the club's activity framework rather than individually verified completed events.