

# A Five-day Webinar on Importance of Energy Conservation and Energy Efficiency

Course Coordinators: Dr. Santigopal Pain, Dr. Pratyay Konar, Mr. Ayandeep Ganguly, Dept. of EE, HIT, Haldia

Number of Participants: 109

Venue: Online

Dates: 30th Aug 2021 to 3rd Sept 2021

## About The Programme

The outbreak of COVID-19 has been impacting millions of people and threatening their life worldwide. Lockdown is one of such measures to slowdown spreading of the virus. The educational system has been greatly affected in this lockdown since middle of the March, 2020. It is still an uncertainty for opening of the educational institutions due to worry of wide-spreading COVID-19 in the educational community. However, learning and research activities should not stop. The world must move toward a more sustainable future. **Assessing macro trends and advances can help identify new opportunities for innovation and Entrepreneurship in this field.**

In this situation, an Awareness Program is being organized by Department of Electrical Engineering, Haldia Institute of Technology in association with the Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Govt. of India. The Program is being conducted through a webinar on Google Meet from core- Engineering batches and focuses on the objectives of "Importance of Energy Conservation and Energy Efficiency".

**About The Institution**  
Haldia Institute of Technology (An Institute of ICARE, Haldia, Approved by AICTE, Affiliated to WBUT) began its journey in the year 1996. It is the first private and accredited academic institution catering technical education in West Bengal. The Institute is situated at Haldia – an industrial hub in Eastern India. Since inception, Haldia Institute of Technology is dedicated to the objective of creating highly trained professional manpower in various disciplines of Engineering, Technology and Social Science. The Institute is also dedicated to the contribution of higher scientific research in Technology as well as in Applied Science and Social Science. The institute offers 4 years UG (B. Tech) degree courses in EE, ECE, AEIE, CE, ME, IT, CSE, Chemical, Biotechnology, Cyber Security, Data Science and AI & ML. It also offers PG courses in Chemical, CSE, ECE, BT, ME, MBA and MCA. It has been accredited with grade A by NAAC and all of the departments are NBA-accredited. The institute has received the prestigious NIRF ranking by MHRD and holds second position among all the private engineering institutes in West Bengal.

**About The Department**  
The Department of Electrical Engineering has been offering undergraduate course in Electrical Engineering since 2002 and is accredited by NBA. Within a very short span of time, the department has created an excellent learning environment with dedicated young faculty members, technical staff, excellent laboratories and innovative academic processes. In order to perform the complex functions in modern applications of Electrical Engineering, the department has a well combination of hardware and software facilities. The department provides students with modern hardware facilities like PLCs, Synchronization of Alternator, SPWM Drives, FPGA based data acquisition system, Machine fault simulator etc. At the same time department also provides computational facilities with MATLAB, PSPICE, PSCAD, PSIM etc. The department also supports IEEE HIT Student branch which is a wing of IEEE Khariapur Section (ITKGP). Currently, the sanctioned intake for the UG course is 120. The faculties are engaged in active research and special emphasis is given to involve students to give them a first hand experience of research methodologies. The students of the department have been placed in HPL, CTS, WIPRO, INFOSYS, Tata Power, CESC, Electricity utilities of various State Governments and numerous electrical project companies. Many students are also pursuing higher studies and PhD in Indian and foreign universities.

**Chief Patron**  
Dr. Lakshman Chandra Seth,  
Chairman, ICARE

**Convenors**  
Dr. Dilip Dey, Professor and HoD, Dept. of Electrical Engineering, HIT  
Dr. Palash Pal, Professor, Dept. of Electrical Engineering, HIT

**Coordinators**  
Dr. Santigopal Pain, Associate Professor, Dept. of EE, HIT  
Dr. Pratyay Konar, Associate Professor, Dept. of EE, HIT  
Mr. Ayandeep Ganguly, Assistant Professor, Dept. of EE, HIT

**Honourable Speakers**

**Important Dates**  
Last date for submission of Application: 23<sup>rd</sup> July 2021  
Confirmation will be sent to registered Email-ID

**Who May Attend?**  
All the faculty/staff UG students from any institution approved and recognized by AICTE and State Council/State Bodies. Seats are limited, registration will be on first-come-first-serve basis.

**A Five-days Webinar**  
On  
**Importance of Energy Conservation and Energy Efficiency**  
Organized by  
**Department of Electrical Engineering**  
**Haldia Institute of Technology**  
(An Autonomous, NAAC Accredited Grade 'A' Institute, affiliated to Maulana Abul Kalam Azad University of Technology)

**PCRA**  
**PETROLEUM CONSERVATION AND RESEARCH ASSOCIATION**  
under  
**Ministry of Petroleum & Natural Gas, Govt. of India**  
From 30<sup>th</sup> August 2021 to 3<sup>rd</sup> September 2021

Head  
Dept. of Electrical Engineering  
Haldia Institute of Technology