

Distinguished Alumni

				
ARNAB BOSE	ANUNA Y SINGH	Shubhankar Shubham	Price Gautam	Tipu Sultan
Graduate Engineer Trainee Johnson Controls	Graduate Engineer Trainee Johnson Controls	Captain Ministry of Defence, Indian Army	Executive Engineer Yokogawa	Scientific Officer Bhaba Atomic Research Centre
Batch :2015-2019	Batch 2015-2019	Batch 2013-2017	Batch 2015-2019	Batch 2007-2011
				
Dr. Indrani Kar	Dr. Chiranjib Koley	Mr. Sambuddha Khan	Mr. Debabrata Bhaskar	Mr. Subit Chakrabarti
Associate Professor, IIT Guwahati	Associate Professor, NIT Durgapur	Research Specialist, University of California, Irvine	Engineer, ONGC, India	Research Assistant, Centre for Remote Sensing, University of Florida, USA
Batch 1996-2000	Batch 1996-2000	Batch 1999-2003	Batch 1999-2003	Batch 2008-2012

LIBRARY

The department Library is having an assortment of total **1218** books with a volume of **773** numbers of different books and journals besides the central library facility.

COURSES OFFERED BY THE DEPARTMENT

Courses offered	Intake
B. Tech (Applied Electronics and Instrumentation Engg.)	60



HALDIA INSTITUTE OF TECHNOLOGY

ICARE Complex, P.O. – HIT, Haldia
Dist. – Purba Medinipur, PIN – 721657, West Bengal, India
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Departmental Information Brochure Academic Session 2020 - 2021



HALDIA INSTITUTE OF TECHNOLOGY

Pioneer in Technical Education (Estd. – 1996)
(The Largest & Oldest Self Financed Engineering Institute in West Bengal)

Approved by : All India Council for Technical Education (AICTE)

Accredited with 'A' Grade by NAAC w.e.f. 15/09/2016

Affiliated to : Maulana Abul Kalam Azad University of Technology (MAKAUT), (Formerly known as West Bengal University of Technology – WBUT)

★ **NBA Accredited (2017-2020)** ★

**Department of Applied Electronics
and Instrumentation Engineering**

ABOUT THE INSTITUTE

Haldia Institute of Technology (HIT), founded in **1996** is located about 138 km away from Kolkata. Haldia, a major port is encircled by several industries like Indian Oil Corporation, Haldia Petrochemicals, Mitsubishi Chemicals, etc. The institute is well connected by rails and roads and has a sprawling campus of 37 acres of land. There are 13 B.Tech courses, along with 5 M.Tech, MCA and MBA courses, affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal. It has on campus facilities like bank, departmental store, post office, medical stores, with separate R & D building, central computing facility, a central library, boys’ & girls’ hostel, gymnasium and sports facilities.

ABOUT THE DEPARTMENT

The **Department of Applied Electronics and Instrumentation Engg** was established in **1996**, with the **Vision** To become a dynamic contributor to the community by ensuring excellence in academic and research in the field of Applied Electronics and Instrumentation Engineering and to create an environment that will facilitate the growth of individuals in this field through innovative teaching, research and involvement of industry.

Mission of the department is to:

- 1.To produce quality engineering graduates with the capacity of serving the arena of science, engineering, teaching, research, entrepreneurship and management.
- 2.To add skill-set such as communication parameter, ethical inputs and to nurture the characteristics of lifelong learning.
- 3.To ensure the capability of working in a team effectively in different environments and to add tenacity to build work force..

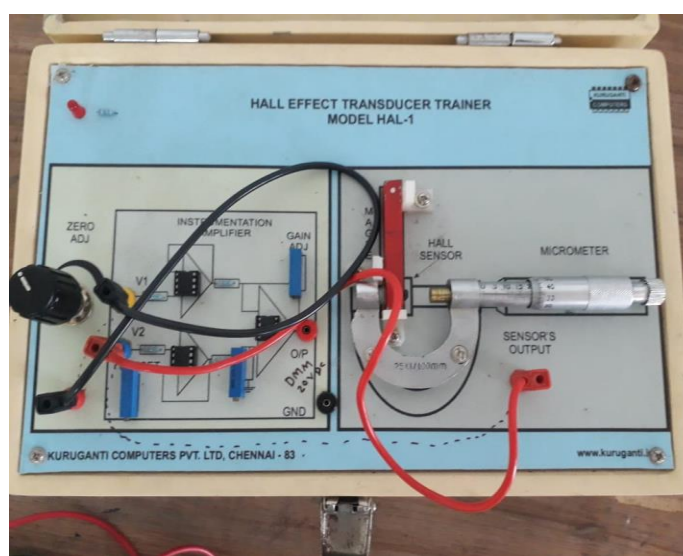
The Department offers a **4- year B.Tech** degree in AEIE comprising of 8 semesters. Students are motivated and trained up for GATE/ GRE/ TOEFL/ CAT by our faculty members. Since inception, the Department is accredited by National Board of Accreditation three times

FACULTY MEMBERS

1. Dr. Uday Maji, Ph. D. (Engg) , Associate Professor & Head
2. Mr Debadatta Ghosh , **M. Tech** ,Associate Professor
3. Mrs Madhumita Das , M.Tech , Assistant Professor
4. Mr Asim Halder , M.Tech , Assistant Professor
5. Mr Priyonko Das , M.Tech , Assistant Professor
6. Mrs Moumita Sahoo , M.Tech , Assistant Professor
7. Mr Rohan Mondal , M.Tech , Assistant Professor
8. Mr Soumyo Roy , M.Tech , Assistant Professor
9. Mr Somak Karan , M.Tech , Assistant Professor
10. Mrs Ishita Maity , M.Tech , Assistant Professor)

MAJOR LABORATORIES

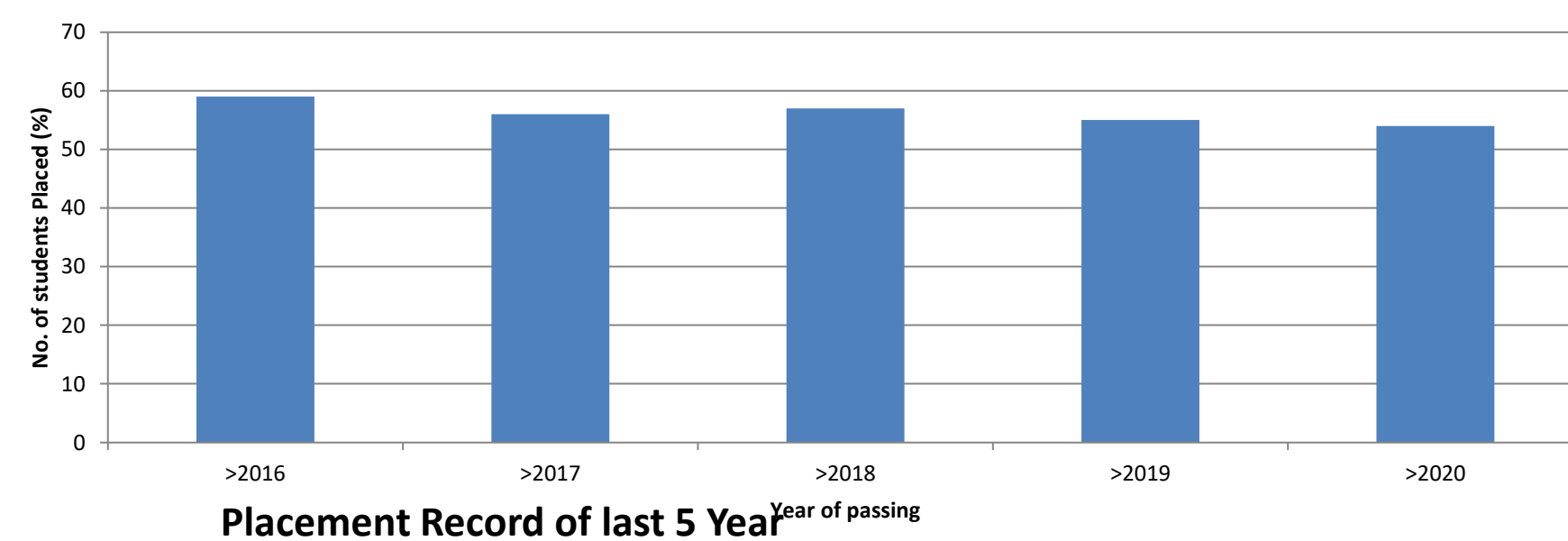
- Process Control Lab
- Remote Control and Telemetry Lab
- Industrial Instrumentation Lab
- Sensor and Transducer Lab
- Electronic Instrumentation & Measurement Lab
- Microprocessor and Microcontroller Lab
- Control System Lab
- Circuit Theory and Network Lab
- Analog Electronic circuits Lab
- Digital Electronic Circuits Lab
- Power Electronics Lab
- Instrumentation and Design Lab
- Electrical Measurement Lan
- VLSI & Micro-electronics Lab



Research Capability

Research activity in the Applied Electronics and Instrumentation Engg. department span a wide range of areas including biomedical devices for clinical applications, sensors and signal conditioning electronics for industrial and medical applications, power system monitoring for safety and performance, renewable and non-conventional energy system, power electronics, robotics and automation, embedded systems applications in control, Microelectronics and VLSI design, sensor design, etc.

Training and Placement Profile



STUDENT PLACEMENT PROFILE

RECRUITER COMPANIES

Johnson Controls, IMC Ltd., Adani Wilmar, Praxair, Haldia Petrochemicals Ltd, Voith Paper, Linde India, Topcem Cement, Hitech Mobiles, Nextgen Printers, CS Automation, Industrial Handling, Indo Japan Horologicals, Innovius Research, OMICS International, Jubilant Foodworks, Phoenix India, Wipro, Infosys, Tech Mahindra, IBM, IMART Tech, Shri Ram Transport, Powertronix, Pratian Technologies, Minchi University. Extramarks Education, HGS Technologies, Byju’s, Bengal Speech & Hearing, Regilix, Jezza Motors, Philips Carbon, Vastu Vihar, SI Surgical, Yokogawa , Thermax , Adani Gas , MCPI Ltd

Student Activities

The International Society of Automation (ISA)-2015 10th Oct

The International Society of Automation (ISA) is a society which serves automation professional around the world. Our department has opened a student chapteland the ISA student chapter since 2015.

Instrument Society of India(ISOIr on 10th October, 2015, under the ISA Kolkata chapter. Many workshops and seminars has been organized jointly by the department)-2018

The Instrument society of India(ISOI) is a society of Instrumentation professionals established in the year 1970 with head quarters at Indian Institute of Science(IISc), Bangalore. Our department has an ISOI chapter under which various seminars, workshops has been conducted.

The department has recently got approval from The **Institution of Engineers, India** to run the students chapter to prop up the professional activities.

