About the Department

The Department was started in the institute in July 2006, with affiliation to Gauhati University, offering B.E courses in Applied Electronics and Instrumentation Engineering. Since July 2013, the programmes of the Department were affiliated to the newly established Assam Science and Technical University (ASTU). The Department started its post graduate programme M.Tech (Instrumentation and Control Engineering) in July 2014. The Department is going to start a new UG programme B.Tech in Instrumentation Engineering for the academic session 2018-2019.

Vision

To produce globally competitive engineers and technocrats with concern for the society and environment.

Facilities offered by the Department

Well Spaced classrooms adhering to AICTE standards, with a special SMART CLASSROOM to enhance e-learning.

There are Twelve numbers of Well-equipped Laboratories in the disposal of the department to deliver practical and skill development training to students.

A well equipped departmental workshop for aiding innovation and Projects.

Regular Industrial tours within and outside state.

Well stocked departmental library with more than 200 volumes.

Placement and GATE assistance.

PLC platform for training on PLC and Automation.

Students technical publication in “Journal of AEI Engineering”.

Skill based training real and virtual Instruments to prepare students for Industries.

Some features of the Department

Both B.Tech and M.Tech in the same department
Externally funded Research project in the department
AICTE guided course curriculum
Motivational interaction between current students and alumnus of the department

Ph.D and M.Tech qualified faculties
Extra-mural lectures by experts
Students mentoring system

Prospects and Career opportunities

Prospects

Power stations, Steel plants, Refineries, Cement plants, Fertilizer plants, Biomedical companies, Electronic Industries, IT, Academics, R&D, Telecom, Textile, Sales, Marketing, Management.

Career

Indian Railway, BHEL, NTPC, SAIL, DRDO, BCPL, HPCL, GAIL, APDCL, MECL, PGCIL, BEL, NRL, IOCL, ONGC, NALCO, CONCOR, BSNL, MENCON, Mazgaon Dock, L&T, Siemens, Rockwell, Honeywell, NI, Robert Bosch, Suzlon, GE, TCS, Cements, Essar.

Some Alumni of AEI

Barsha Mali
Batch: 2008-12
Now- Assistant Professor, SLIET, Longowal

Dhanesh Barman
Batch: 2008-12
Now- Assistant Manager, APDCL

Pradyut P Baruah
Batch: 2013-17
Now- GET, Star Cement

Without measurements and instruments, everything else is meaningless.