

# Dept. of AGRICULTURAL ENGINEERING

Triguna Sen School of Technology  
Assam University Silchar



**SPOT Admission open for B.Tech (Lateral Entry) & M.Tech (Non-CUET/GATE Qualified students)**

## ABOUT DEPARTMENT

The **Department of Agricultural Engineering** (established in 2006) offers the courses that deal with the application of engineering principles and scientific technologies for sustainable food production, and all along the food production to consumption chain. The course structure and syllabus for the UG and PG programmes have been designed to create skilled and technically sound human resources to cater the engineering needs of farm mechanization, irrigation and drainage, soil and water conservation, post-harvest processing of crops, value addition, renewable energy, and appropriate design and utilization of aquaculture resources. The laboratory infrastructure has been developed to impart the essential practical knowledge including the application of computers and IT for the design, simulation, modeling, remote sensing etc. Two industrial trainings form a part of the UG programme that aims to provide the industrial exposure and enhancement of technical know-how and skills. The Department is actively involved in multi-disciplinary research with projects funded by DST, UGC, MoFPI and NHB.

## THRUST AREAS OF RESEARCH

- ❖ Soil and Water Conservation Engineering
- ❖ Ground Water Hydrology
- ❖ Watershed Management
- ❖ Farm Implements and Machinery
- ❖ Waste recycling and Bi-product Utilization
- ❖ Mechanization of Horticultural Crops
- ❖ Bioprocess Engineering
- ❖ Food Engineering and Food Industry Management
- ❖ Climate Change and Climate Resilient Agriculture
- ❖ Tea Processing Technology
- ❖ Aquacultural Engineering
- ❖ Water Resources Development and Management
- ❖ Rainwater Harvesting
- ❖ Remote Sensing and GIS
- ❖ Renewable Sources Energy and Utilization

## ELIGIBILITY CRITERIA FOR ADMISSION IN AGRICULTURAL ENGINEERING

**For B.Tech (Lateral Entry):** 10+2 from a recognized board and Diploma in relevant Field.

**For M.Tech:** BE/ B.Tech in Agricultural Engineering / any other relevant Engineering Field.

## ADMISSION PROCESS

Interested Candidates may Report at the Department (10.30 am to 1.00pm) with proper documents on the dates mentioned in right chart "ADMISSION DATE INFORMATION"

## FEE DETAILS

**Total payable fees at the time of admission:**

**B.Tech:** Rs. 58,920.00

**M.Tech:** Rs. 47,520.00

## ADMISSION DATE INFORMATION

**For B.Tech (Lateral Entry):**

**Date: 02-08-2025**

**For M.Tech:**

**Date: 29-07-2025**



Department of Agricultural Engineering  
Triguna Sen School of Technology  
Assam University Silchar

**CONTACT US:**



agriculturalengineering.aus@gmail.com