

**Syllabus**  
**Skill Enhancement Courses**  
for  
**Four-Year Undergraduate Programme (FYUGP)**

**2023-24 Academic Session**



**Gauhati University**

Gopinath Bardoloi Nagar :: Guwahati-14

# **SEC0100203: Agricultural Production System in North East India**

**Total Marks: 75**

**Credit: 3 (2+1)**

**Course Description:** This course is designed to introduce the students to the nature of agricultural production system that exist in North-East India. The course intends to familiarise the students with various cropping systems, farming systems and post-harvest management systems.

**Unit 1-** Introduction- Nature and scope of agriculture. Agricultural Scenario in north east India and Assam, Trends of agricultural production in India and Assam. Agriculture and economic development, Agro-climatic zones, Climate change, Land holding and farmers' categories, Plant propagation and Nursery management, Diversification of agriculture.

**Unit 2-** Cropping systems in agriculture & horticulture -Crop rotation, Intercropping, Mixed Cropping, Relay cropping, Multi-storied cropping, kharif, rabi and zaid crops. Integrated Farming System, Tillage and soil preparation, Pre and post harvest management of agri-horti crops.

**Unit 3-** Practical –Plant propagation techniques, Model preparation on diversified integrated farming systems,

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