

<b>Course Title</b>	<b>Harvesting and Processing Technologies of Plantation Crop Produce</b>			<b>Course Code</b>	<b>BST 31313</b>		
<b>Year</b>	<b>3</b>	<b>Semester</b>	<b>1</b>	<b>Credits</b>	<b>03</b>	<b>Theory (hr)</b>	<b>30</b>
						<b>Practical (hr)</b>	<b>30</b>
						<b>Independent Learning (hr)</b>	

**Aim of the Course:**

To provide the knowledge on harvesting, processing and product development technologies in major plantation and export agricultural crops

**Intended Learning Outcomes:**

*After completion of this course, the learner should be able to:*

- Describe harvesting techniques of tea, rubber, coconut, oil palm, cashew, sugarcane and other export agricultural crops.
- Identify problems related to current harvesting techniques.
- Develop innovative harvesting techniques.
- Identify different produce and products of tea, rubber, coconut, oil palm, cashew, sugarcane and other export agricultural crops.
- Explain the steps in processing of different produce and products from tea, rubber, coconut, oil palm, cashew, sugarcane and other export agricultural crops.

**Course Capsule:**

<b>Theory</b>
Harvesting techniques of tea, rubber, coconut oil palm, cashew, sugarcane and other export agricultural crops; Problems related to current harvesting techniques; Modern harvesting techniques to overcome current problems; Pure Orthodox tea, Orthodox-Rotorvane tea, CTC tea, Green tea, Oolong tea manufacturing; Product development in tea; Processing of natural rubber latex in to RSS, Crepe, Centrifuge Latex and TSR; Product development using different raw rubbers; Processing and manufacturing of coconut into desiccated coconut & copra; Product development in coconut; Processing and product development of export agricultural crops; Processing and product manufacturing of oil palm, cashew, sugarcane

<b>Practical</b>
Harvesting techniques of tea; Harvesting techniques of rubber; Harvesting techniques of coconut and oil palm; Harvesting techniques of cashew and sugarcane; Harvesting techniques of export agricultural crops; Processing and product development of tea; Processing and product development of rubber; Processing and product development of coconut and oil palm; Processing and product development of cashew and sugarcane; Processing and product development of export agricultural crops

**Assessment:**

Continuous assessment: 30%  
 End semester assessment: 70%