



**GALGOTIAS
UNIVERSITY**

Uttar Pradesh

CREATING KNOWLEDGE

3.1.5

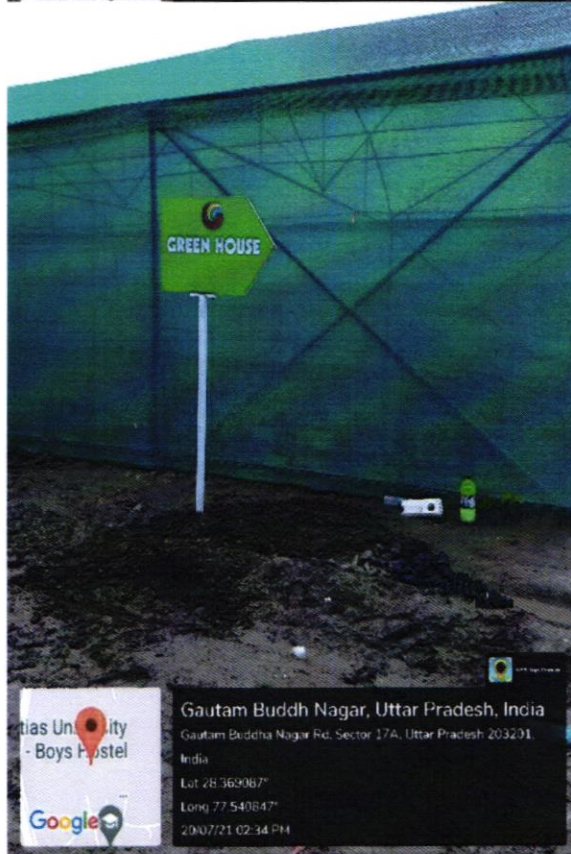
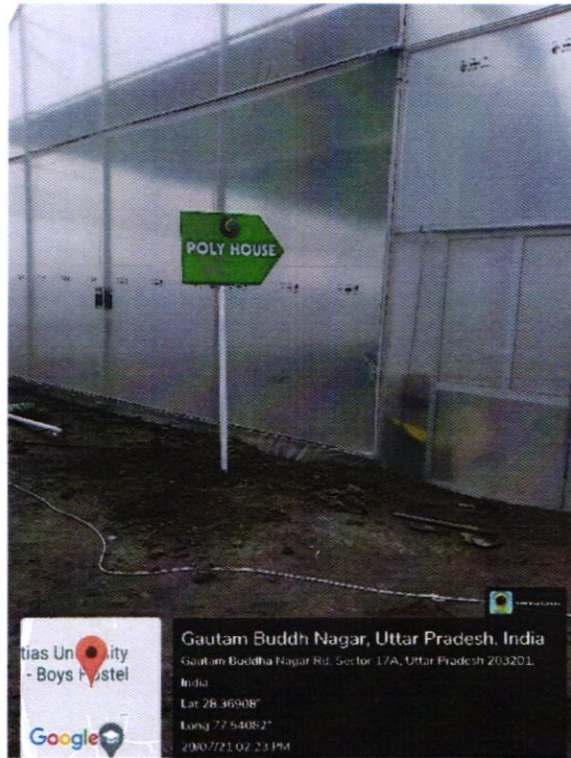
Green House



Galgotias University

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PROTECTED CULTIVATION FACILITY



Green House



Fig:1 Polyhouse (250 sqm -25 x 10) naturally ventilated

Polyhouse farming is slowly gaining popularity in India. A farmer can make huge profit from polyhouse farming. The protected farming is also the term used for this. There are some courses like “protected cultivation and secondary agriculture “ in the course curriculum of Bsc Agri Hons that are especially introduced by ICAR with a view to make students learn about the cultivation of crops in these structures.

Polyhouse or a greenhouse is a house or a structure made of translucent material like glass or polyethylene where the plants grow and develop under controlled climatic conditions. The size of structure can differ from small -100 sqm to 4000 sqm . Above all, a greenhouse is a glass house whose interiors become warm when exposed to sunbeams as the house stops the greenhouse gas to leave. So when it is cold outside, the temperature inside is survival friendly and warm for the plants.

1 : Difference between Green net house and Polyhouse Farming

Polyhouse is a type of greenhouse or we can say that it is a smaller version of greenhouse, where polyethylene is used as the cover. In developing countries like India, polyhouse farming is a popular greenhouse technology due to its low cost of construction and easy maintenance.

The Green Net house structures are covered with a 60-80 % shading net to avoid plants from direct exposure to sunlight and frost.

2: Crops grown in Polyhouse

- Fruits that can be grown are Papaya, Strawberry etc.

