

**PBO-4002: MYCORRHIZAE, MUSHROOMS, ETHNOBOTANY AND PLANT
GEOGRAPHY**

Mycorrhizae

1. Isolation and identification of mycorrhizae from local crop / forest / wild plant species.

Mushrooms

1. Method of cultivation of *Agaricus bisporus* (edible mushroom), commercial cultivation and its biological significance.

Ethnobotany

1. Medico-ethnobotanical surveys at different places of India.
2. Following medico-ethnobotanical important plant species are considered with references to scientific name, local name, family, useful parts, ethnobotany, existing availability and regeneration status of the particular area: *Adhatoda*, *Rauwolfia*, *Azadirachta*, *Madhuca*, Turmeric, Pipal, Tulsi, Amla, Baheda, Harde, Arjun sadad, *Diospyros*

Plant geography

1. Climatic zones of India.
2. Vegetation types of India.
3. Forest types of Gujarat.
4. Endemic species of Gujarat.