

Rayat Shikshan Sanstha's

D. P. Bhosale College, Koregaon

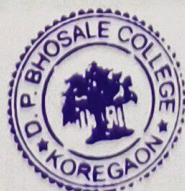
Department of B.Voc. Sustainable Agriculture :2023-24

## Practical on Shade Net Management

Shade net has been constructed in our college campus for cultivation of vegetables during very harsh conditions and their protection throughout the year. In shade net, the students are trained to protect cultivated plants from excessive heat, light or dryness.

Shade net built up area of 8,000 sq. ft. near the vicinity of the library building. Various economically important crops/vegetables such as onion, leafy vegetables like coriander, fenugreek, spinach and fruits like watermelon have been cultivated. For cultivation of fruiting vegetables such as tomatoes, cucumbers, squash, egg plants and peppers area with bright sunlight is required. In case of partial shade or partial sun, 3-6 hours of sun or shade is essential. In such shade net vegetables like beet, carrots and potatoes can be grown. Light shade areas exposed to less sunlight, usually receives about 2 to 4 hours of sunlight per day. In such areas leafy vegetables such as spinach, fenugreek, coriander and salad greens are grown.

Cultivated crops have been sold by students to college staff members as per market price. Shade net is enclosed by agro-nets or any woven material to allow required sunlight, moisture and air to pass through the gaps. It creates an appropriate micro-climate conducive to the plant growth. It is also referred as shade-net house or net-house. Different kinds of cloth and colours can be used for construction of shade net.





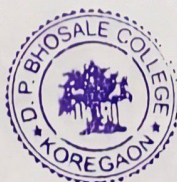
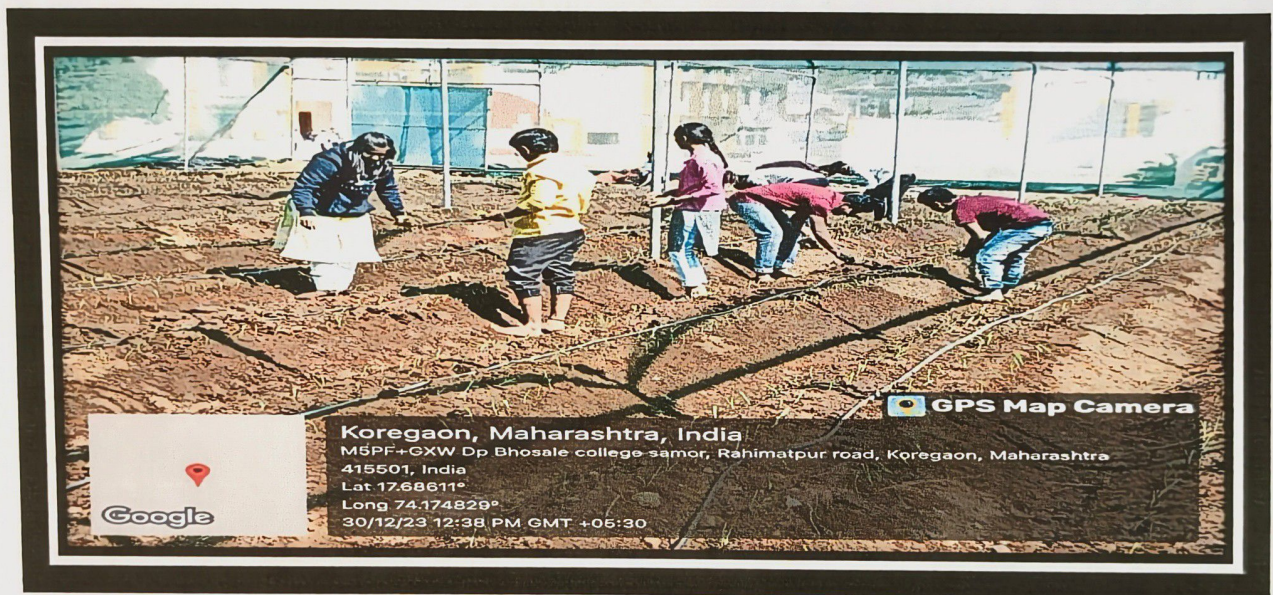
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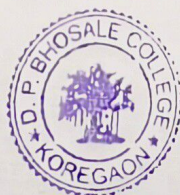
Practical on Shade Net Management

Merigold Cultivation



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