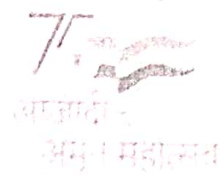




हिमाचल प्रदेश केंद्रीय विश्वविद्यालय
Central University of Himachal Pradesh
(Accredited by NAAC with 'A+' Grade with CGPA of 3.42)
शाहपुर परिसर , जिला कौगडा, हिमाचल प्रदेश -176206
(पादप विज्ञान विभाग / Department of Plant Sciences)



Course Name: Gardening and Landscaping
Course Code: PLS 424
Credits = 02

Course Outcomes:

After the completion of this course the learner will be able:

- To apply the basic principles and components of gardening
- To design various types of gardens according to the culture and art of bonsai
- To establish and maintain special types of gardens for outdoor and indoor landscaping
- To start Gardening and landscaping activity as an agri- business enterprise by liaising with different stake holders

UNIT-1

Introduction to Gardening. Special types of Gardens: Home garden, roof garden, sunken garden, vertical garden, terrace garden, water garden, rock garden, bottle garden, window garden. Suitable plants for different types of garden, Limitations in establishing the gardens

UNIT-2

Lawns: Establishment and its maintenance, Culture of Bonsai, Different styles in Bonsai, characteristics of plant suitable for bonsai, Bonsai maintenance (pruning and wiring), Topiary

UNIT-3

Commercial gardening, Components such as statues, garden benches, paths, floral clock etc, Annuals, perennials and flowering trees for commercial / ornamental gardening, Hedges

UNIT-4

Landscape designs (Components and Features), Landscaping in various places and its value addition

UNIT-5

Bioaesthetic planning, ecotourism, Non-plant components (water scaping, xeriscaping, hardscaping); Computer Aided Designing (CAD) for landscaping

Reference Books:

1. Berry, F. and Kress, J. (1991). Heliconia: An Identification Guide , Smithsonian Books.
2. Russell, T. (2012). Nature Guide: Trees: The world in your hands (Nature Guides).
3. Sabina, GT and Peter KV. 2008. Ornamental Plants for Gardens, New India Publ. Agency
4. Bose, T. K and Mukherjee, D. 1977. Gardening in India, Oxford & IBHI Publishing Co. Pvt. Ltd., Calcutta
5. Bose, T. K. Malti, R. G. Dhua, R. S and Das, P. 2004. Floriculture and Landscaping, Nayaprakash, Calcutta
6. Nambisan, K. M. P. 1992. Design Elements of Land Scape Gardening Oxford & IBHI Publishing Co. Pvt. Ltd., New Delhi