

Add on Certificate Course

Course Title: Bonsai Techniques

Course outcome: Students who successfully complete the course will be able to

1. Understand the fundamental techniques of Bonsai making
2. Acquire the necessary skills require for proper care and maintenance of Bonsai
3. Utilize the knowledge in Bonsai cultivation and marketing
4. Apply the acquired knowledge in commercial aspects of Bonsai

Syllabus

Unit 1: Introduction to bonsai

- History, scope and importance of Bonsai
- Basic horticultural aspects of Bonsai, identification and collection of proper plants for Bonsai making.
- Basic techniques, rules and principles used in creating Bonsai

Unit 2: Advanced techniques

- Preparation of media, advanced wiring and shaping techniques
- Grafting and air-layering
- Deadwood techniques

Unit 3: Bonsai design

- Bonsai styles and their characteristics- upright style, formal upright style, informal upright style, windswept style, slanting style and broom style.
- Various cascade styles of Bonsai
- Multiple tree style of Bonsai- two-tree and twin trunk style, forest style Bonsai

Unit 4: Bonsai care

- Soil and fertilization
- Watering and drainage
- Transplanting and repotting
- Care during transport of Bonsai

Unit 5: Bonsai display

- Display techniques
- Pot selection and preparation
- Accent plants and other display elements

Continued →

Suggested Readings:

- Bhattacharjee, S.K. (2006). Advances in Ornamental Horticulture. Pointer Publication, Jaipur.
- Chan, P (2014). Bonsai- the art of growing and keeping miniature trees. Skyhorse
- Singh, D. B. and Wazir, P. (2002). Bonsai - An art. Scientific Publishers, Jodhpur.
- Lesniewicz, P. (1994). Bonsai in your home. Sterling publishing Co, New York.
- Randhawa, G.S. and Mukhopadhyay, A. (2000). Floriculture in India, Allied publishers, India.
- Biles, R. E. (2003). The complete Book of Gardening. Biotech Books, Delhi - 35.
- Tomlinson H., (1990). The Complete Book of Bonsai. Dorling Kindersley. London.
- Thomas L. Zane, (1997-2003). Intermediate Bonsai- A Course Syllabus, Backyard Bonsai, Daytona Beach, Florida.

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