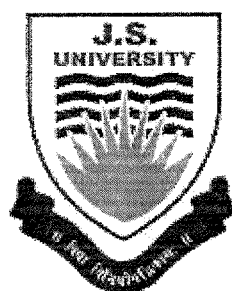


# **J.S. University, Shikohabad**

Established by UP Govt. Act No. 07 of 2015

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**Value added course**

**Art of Bonsai**

**Course code – VAC-31**

**2018-19**

**Faculty of Science**

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|  | <b>J.S. University, Shikohabad</b><br>Faculty of Science | <b>Value added course</b><br><b>2018-19</b> |
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### Certificate Course in Art of Bonsai

#### Learning Objectives–

- To create a miniaturized but realistic representation of nature in the form of a tree.
- To know the ethical value of bonsai
- To understand the common and special types of bonsai.
- To recognize the marketing potential of bonsai in India
- To know the latest development in the field of Bonsai.
- To develop skills in the area of designing, styles and making of bonsai.
- To create knowledge on self-employment through and entrepreneur skills.

**Duration** – 40 hrs

**Course Outcome-** After completion of the course the student shall be able -

- To get an overview of the art of Bonsai and its applied aspect, at the same time acquire basic skills and aesthetics needed to create a beautiful bonsai
- To develop an understanding of the importance of bonsai

#### Syllabus Outline

##### **Module- I**

1. Introduction of Bonsai, Evolution of Bonsai, Early versions, Classical period.
2. History of Bonsai in China, History of Bonsai in Japan
3. History of Bonsai in the West, Modern bonsai

##### **Module- II**

1. Bonsai Aesthetics: General aesthetic principles- no trace of the artist.
2. Visual balance, Proportion among elements, Flexibility of the rules, General aesthetic guidelines- Gravitas, Miniaturization, Lignification's,
3. Asymmetry, Leaf Reduction, Nebari, Ramification, Deadwood, Curvature.

##### **Module-III**

1. Styles of Bonsai: Special Characteristics of Bonsai,
2. Concept of styles, catalogue of styles, common styles: Formal upright, Informal upright, Slant, Cascade, Semi-cascade, other styles.

##### **Module-IV**

1. Preparation of Bonsai: Conditions required, Rules for Bonsai making: For trunk, For Branches.



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2. Plants suitable for Bonsai making, Cultivation, Agro techniques for Bonsai: Propagation, Season, Potting and repotting, after care, Containers, Planting media.

**Module-V**

1. Importance of Bonsai: Scientific Benefits, Spiritual Benefits, Ornamental Value, Economic importance, Bonsai skills.

**Suggested Books & References–**

1. Bonsai Basics, Step-by-Step Guide to Growing, Training & General Care by Christian Pessey and Rémy Samson Sterling Pub. (1993).
2. Bonsai; 101 Essential tips by Harry Tomlinson and Carol Watson DK Pub. (2003).
3. The Bonsai Handbook by David Prescott and Colin Lewis New Holland, 2003
4. Indoor Bonsai by Paul Lesniewicz Blandford Press (1986)
5. Bonsai, a beginners guide by Bonsai Empire (2014)

(Name of Faculty)  
Course coordinator

Prof. Harish  
Chandra

(Name of Faculty)  
Dean Academics

Dr. P. B. Singh

(Name of Faculty)  
Director/Principal/Dean of  
Faculty/Department

Dr. B. P. D. Chauhan