

**COURSE TITLE : LANDSCAPE ARCHITECTURE**  
**COURSE CODE : 5004**  
**COURSE CATEGORY : E**  
**PERIODS/WEEK : 4**  
**PERIODS/SEMESTER : 72**  
**CREDITS : 4**

**TIME SCHEDULE**

<b>MODULE</b>	<b>TOPIC</b>	<b>PERIODS</b>
I	Introduction HISTORY PRINCIPLES	18
II	PLANTS	18
III	HARD LANDSCAPE	18
IV	DESIGN	18
	<b>TOTAL</b>	<b>72</b>

**OBJECTIVES**

**Upon completion of the course the students should**

- 1.1 Understand objectives of landscape design
- 1.2 Familiar with history and evolution of landscape design.
- 1.3 Familiar with different styles in landscape design.
- 1.4 Aware of the design elements used in landscape design.
- 2.0 Know the nature and use of plant materials.
- 2.1 Able to identify the botanical names of plants.
- 2.2 Able to choose plants for a design
- 3.0 Aware of the role of different components of landscape design
- 3.1 To use these elements in design.
- 4.0 Able to design a landscape layout for residential, commercial and institutional buildings.
- 4.1 Able to prepare presentation drawings of landscape layout

**COURSE CONTENTS**

**MODULE I: INTRODUCTION**

Introduction to landscape architecture –objectives- history and evolution – formal and informal gardens – Mughal gardens – English gardens – Japanese gardens – French gardens – visual elements – scale – proportion- balance – harmony  
 Elements of landscape architecture-aesthetic elements-natural and artificial  
 Elements-principles of design-

**MODULE II: PLANTS USED IN LANDSCAPING**

Plants–function in landscape- physical requirements of plants-classification-trees— flowering trees – shady trees – avenue trees – evergreen trees – deciduous trees -Shrubs- nature and growth

–shrubs —herbs- climbers- ground covers-their nature of growth -- their uses –creepers –bulbs- corms-tubers- botanical names of landscaping plants – Lawn – Construction – maintenance – drainage- modes of propagation of plants –maintenance of landscape -annual and regular- bonsai –terrarium-terrace gardens -indoor gardens-characteristics of indoor plants

### **MODULE III: DESIGN ELEMENTS**

Water as a landscaping element –function–different effects of water displays – soil –grading- grading techniques— retaining walls- steps and ramps- rockery—paving- vertical enclosing elements – fences-gazebos- garden furniture- garden lighting – the incorporation of these elements into landscape design

### **MODULE IV: LANDSCAPE DESIGN**

Design of landscapes of house garden – small parks – avenues – incorporation of all landscape elements – colouring and rendering of landscaped plans – specifications.

### **REFERENCE BOOKS**

- 1.Stuart D. Snyder - Environmental interior scapes
- 2.Nelson Hammer- Interior landscape design (Mc Graw Hill)
- 3.Michael Laurie – An introduction to landscape architecture
- 4.S.Arora – An M.S. Randhawa – A history of gardening introduction to landscape.
- 5.Time Savers Standards For Landscape Design.(Published by McGraw Hil