

**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI**

<b>Course Title</b>	<b>Landscape Architecture</b>		
<b>Course Code</b>	<b>AR306</b>	<b>Credits</b>	3)
<b>Department</b>	<b>Architecture</b>	<b>Faculty</b>	S. Rajendra Babu
<b>Pre-requisites Course Code</b>	-NIL-		
<b>Course Coordinator(s)</b>	-Nil-		
<b>Course Teacher / Tutor E-mail</b>	<b>rajbabu@nitt.edu</b>	<b>Tel. No.</b>	0416-2503556
<b>Course Type</b>	<input checked="" type="checkbox"/> <b>Core course</b>	<input checked="" type="checkbox"/> <b>Elective course</b>	

**COURSE OVERVIEW**

This course provides an over view of fundamentals of theory and design aspects of the subject of landscape architecture. Also to be covered are aspects of site related factors like site analysis, dealing with contours. Some of the historical garden traditions will also be explained.

**COURSE OBJECTIVES**

To familiarize students with landscape architecture and many facets this profession entails. To provide an overview of various elements and processes of landscape design. To understand the features of some historical garden traditions & contemporary examples.

**COURSE OUTCOMES (CO)**

<b>Course Outcomes</b>	<b>Program Outcome (PO)</b>
1. Understand the nature of landscape elements.	1. Learn about the nature & properties of landscape elements
2. Understand the role of landscape elements in landscape design.	2. Learn principles & ways of modifying site topography & historical garden traditions
3. Learn to understand the contours and how to modify them.	
4. Learn about some of the finest historical garden traditions.	

**COURSE TEACHING AND LEARNING ACTIVITIES**

<b>No</b>	<b>Week</b>	<b>Topic</b>	<b>Mode of Delivery</b>
1	* 1	Introduction to Landscape Architecture	Conventional
	2	Introduction to major & minor landscape elements, natural & man-made elements	Conventional
	3	Land – as heritage, as resource, Land use implications	Conventional
	4	Water – Planning approach, as Resource, as Feature, Water related site design	Conventional
	5	Plants – in nature, Introduced plantations, Planned & planted landscape	Conventional
	6	Structures – Composition, Structures in landscape, Defined open space	Conventional
	7	Habitations – Dwelling-nature relationships, Human needs & habitat	Conventional
	8	Community – The group imperative, Form order, New directions	Conventional
	9	City – Cityscape, Possibilities, New urbanity	Conventional
	10	Landscape design – Visual arts as ordering mechanism, Circulation as ordering mechanism, Spatial develop.t	Conventional
	11	Architecture & site development	Conventional
	12	Study of modern gardens & landscapes	Conventional & Site visits
	13	Modification of site topography, Grading & drainage	Conventional
	14	Historical Garden traditions – Mughal, Japanese	Conventional

**COURSE ASSESSMENT METHODS**

<b>No</b>	<b>Mode of Assessment</b>	<b>Date / Week / Month</b>	<b>Duration</b>	<b>% marks</b>
1	Cy. tests 2 nos., Retest 1 no.	feb..3 wk / mar.3 wk // mar.4 wk	1 hr. each	40%
2	Assignments– 1-2	Before each cycle test	1-2 weeks each	20%
3	Final Exam	End of semester	2 Hours	40%

**ESSENTIAL READINGS : Textbook, reference books, articles from the internet, newspapers, etc**

**Text Books & Reference Books::**

1. Land. Arch. - A Manual of Site Planning & Design - John O.Simonds, McGraw Hill Book Co., New York, 1983
2. Motloch, J.L., "Introduction to Landscape Design", Van Nostrand Reinhold Publishing Co., New York, 1991.
3. Kassler, E.B., "Modern Gardens and the Landscape", Museum of Modern Art, New York, 1984
4. Landphair H. C., "Landscape Architecture Construction", Elsevier, 1979
5. Bring, M., "Japanese Gardens: "design & Meaning", McGraw Hill Book Co., New York, 1981



## COURSE EXIT SURVEY

**Feedback from the students during mid & end semester thro online:** on knowledge gained, activities relevant to the course, methodology adopted, aspects of improvement, whether the topics fulfil the course outcome & program outcome.


## COURSE POLICY (including plagiarism, academic honesty, attendance, etc.)


1. Students to have a **min. of 75% attendance** to appear in final examination. **Relaxation** of max. 10% (over & above the 25% in regulations) would be considered only for valid, genuine reasons & supported by evidence.  
  
As per B. Arch Regulations 2016, Sec.B.8 Attendance, "Students who have not satisfied the attendance eligibility requirements shall be awarded a 'V' grade for the course" & as per Sec.B.11.1, ii, C, "V" indicates lack of required attendance. Students awarded 'V' grade shall **compulsorily REDO** the course.
2. Students found with any **malpractice** in assignments / reports / activities / test / exam will get 0 marks for that work.
3. If a student misses any cycle test(s), one **retest** will be conducted about 2 weeks after the 2<sup>nd</sup> cycle test, only for valid, genuine reasons of absence & supported by evidence. **Prior permission** to skip a test shall preferably be taken to avoid any confusion later. If not, within 2 weeks after the test, documents shall be produced to find if the student is eligible for retest.
4. Students are expected to come to exam hall 10 minutes before exam time & get prepared to **remain in exam hall** for the entire **duration of writing the test / exam**. They can leave the exam hall any time (test) or after first 30 minutes (exam), after handing over the answer book. Students shall **not have mobile / any reference materials** anywhere near them during test / exam. Students shall maintain **silence** in the exam hall during exam hours. As per NITT guidelines, mobile phones possessed by students inside exam hall will be **confiscated & shall not be returned**.
5. **Submission** dates are normally decided in consultation with students & announced in advance. So late submissions, unless for valid, genuine reasons & supported by evidence, will get **reduced marks**. Late submissions will be accepted only till the next submission.
6. **Marks & attendance** will be notified periodically. Request for **correction** shall be within 2 weeks of notification.
7. If **medical certificates** are submitted as health reasons for missing classes / activities / tests / submissions / visits etc., students are expected to get them **from NIT-T hospital or endorsed by Chief Med. Officer, NIT-T hospital**.
8. **Preventing other students** from pursuing their academic activities will be considered as academic offence & such issues will be taken to disciplinary committee & decisions made will be implemented.
9. Any behavior by a student **hindering the academic activities of the faculty** will be considered as academic misconduct & will be referred to disciplinary committee & decisions made will be implemented.
10. **Study visits** will be arranged only when all the students help, cooperate with the process, follow safety instructions during the visits & willing to meet, manage the expenses. If not, visits will be cancelled & alternative assignments will be introduced. Those not following safety instructions, will be **excluded from future visits** & issue reported to higher authorities. For visits on weekends, **3 hr. attendance & for being on time & for reports 5 marks** will be given.  
  
If a student **could not join a visit** due to valid, genuine reason (supported by evidence & taking prior permission is preferable), or due to exclusion from visits, **it is student's responsibility** to make a suitable alternative educational visit on one's own effort (faculty can help find one) within 1 month & submit the report within 1 week.
11. As per B. Arch Regulations 2016, Sec.B.6.b, "For a student to secure a minimum of E grade, he/ she has to secure a **minimum of 40% in the cumulative assessment** in theory courses" & as per sec.B.11.1.ii.b, "Students awarded F grade **may REDO** the course **or opt for formative assessment** (subject to conditions given in B.6 Assessment Procedure and B.6.1 Formative Assessment)"
12. During the course of the semester, if any student is observed scoring **less attendance & marks**, his / her **parents may be informed** about it.

## ADDITIONAL COURSE INFORMATION

Faculty can be consulted at his room with appointment between 1.30 pm to 2.20 pm on Mondays (free time in timetable)

## FOR SENATE'S CONSIDERATION

Course Faculty 

CC-Chairperson 

HOD 