



**DEPARTMENT OF ARCHITECTURE**  
**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI**

Name of the programme	Bachelor of Architecture		
Course Title	Architectural Design - V		
Course Code	AR 311	Credits	08
Department	Architecture	Faculty	Dr D. Kannamma
Pre-requisites Course Code	Architectural Design – V & VI		
Session	July 2022	Section	NA
Course Coordinator(s)	NA		
Course Teacher / Tutor E-mail	kanama@nitt.edu	Tel. No.	0431 – 250 3566
Course Type	<input checked="" type="checkbox"/> Core course <input checked="" type="checkbox"/> Elective course		

**Syllabus (approved in BoS)**

Projects introduced should provide opportunities to understand and learn how to solve the built environmental needs for multi-faceted public activities in an urban context. Examples of projects include airport, bus terminal, railway station, cinema complex, exhibition hall, indoor sports complex, and campus planning. Design problems involving high density and / or large-scale housing. Complete set of Working Drawings are to be prepared for one of the Architectural Design Projects. Display of competence in the application of knowledge gained from the following will be an essential requirement for all the design projects: Materials & Structures, Theory of Architecture, Environmental Science and Behavioral Science.

**ESSENTIAL READINGS :**

1. Edward. D., Mills, "Planning the Architects Hand Book - Butterworth, London, 1985.
2. De Chiara and Callender, Time Saver Standards for Building types, McGraw - Hill Co., N.Y., 1973.

**COURSE OBJECTIVES**

1. To involve students in analytical work on various issues specific to the project introduced will be carried out for development of link/connection between studio work and lecture courses.
2. To encompass students to present their designs through a high standard of graphical representation and verbal skills.
3. To make students understand about the role of climate and users in design.

**COURSE OUTCOMES (CO)**

Course Outcomes	Program Outcome (PO)
<ol style="list-style-type: none"> <li>1. Students acquire knowledge about designing spaces which involves buildings with single or multi use.</li> <li>2. Students get to know about design of multi span and multiple activities space design.</li> <li>3. Students acquire knowledge about the significance of Materials, Construction and Structures, Theory of Architecture, Environmental / Architectural Science and Behavioral Science.</li> </ol>	

**COURSE OVERVIEW**

Projects emphasizing detailed studies and drawings of the aspects – space analysis, climatic consideration, services and environmental issues and site planning. Two projects (Major project 70% weightage and Minor project 30% weightage)

**COURSE TEACHING AND LEARNING ACTIVITIES and COURSE ASSESSMENT METHODS**

<b>1</b>	<b>Continuous Assessment</b>
	<ol style="list-style-type: none"> <li>1. Marks awarded by the teacher at various stages of the projects in the class, in Mid –term and End Semester evaluation = 40%</li> <li>2. Marks awarded by the external examiner in mid – term evaluation (at the end of 8 weeks with 15% weightage ) and End Semester Evaluation (at the end of 16 weeks with 15% weightage) = 30%</li> </ol>
<b>2</b>	<b>Final (End Semester) Examination (Assessment)</b>
	Architectural Design – 18hrs (duration) and 30% weightage

**COURSE EXIT SURVEY**

1. Feedback survey about course content and suggestions for any improvement / modification – online.
2. Assessment of the knowledge the students gained through this subject – online.
3. Feedback regarding the teaching – learning process – online.

**COURSE POLICY**

1. For a student to secure a minimum of E grade he / she has to secure a minimum of 40% marks overall and appearance in end – semester examination is compulsory.
2. Students are to follow the given schedule for each project and submissions are to be made on time.

**MODE OF CORRESPONDENCE**

The faculty member is available for consultation during working hours on all working days. The students can also e-mail their queries to [kanama@nitt.edu](mailto:kanama@nitt.edu).

**COMPENSATION ASSESSMENT POLICY**

If a student is unable to submit assignment due to genuine reasons can compensate by submitting assignments during the compensation assessment period based on academic calendar.

**ATTENDANCE POLICY**

1. **At least 75% attendance is mandatory.**
2. **A maximum of 10% is allowed under On Duty (OD) category.**
3. Students with **less than 65% of attendance** shall be prevented from writing the final assessment and **shall be awarded 'V' grade.**

**ACADEMIC DISHONESTY & PLAGIARISM**

1. Possessing a mobile phone, carrying bits of paper, talking to other students, copying from others during an assessment will be treated as punishable dishonesty.
2. Zero mark to be awarded for the offenders. For copying from another student, both students get the same penalty of zero mark.
3. The departmental disciplinary committee including the course faculty member, PAC chairperson and the HoD, as members shall verify the facts of the malpractice and award the punishment if the student is found guilty. The report shall be submitted to the Academic office.

**FOR SENATE'S CONSIDERATION**

Course Faculty  CDR. D. KANNAMMA CC-Chairperson  K. Pradhuma Bharathi HOD 