



## DEPARTMENT OF ARCHITECTURE

COURSE PLAN – PART I			
Name of the programme and specialization	B. Arch, ARCHITECTURE		
Course Title	ARCHITECTURAL DESIGN VIII		
Course Code	AR 507	No. of Credits	8
Course Code of Pre-requisite subject(s)	Nil		
Session	July 2022	Section (if, applicable)	A / B
Name of Faculty	Dr. K. THIRUMARAN	Department	ARCHITECTURE
Email	<a href="mailto:ktrm@nitt.edu">ktrm@nitt.edu</a>	Telephone No.	+91 9894018599
Name of Course Coordinator(s) (if, applicable)	Nil		
E-mail	-	Telephone No.	-
Course Type	<input checked="" type="checkbox"/> Core course <input type="checkbox"/> Elective course		

**Syllabus (approved in BoS)**

Design problems at urban or metropolitan scales and environment, multi-use complexes including functions such as residential, public services, industrial, commercial, transportation, cultural and civic

The focus should essentially be on an urban design **exercise** with emphasis on design to suit the surrounding environment in relation to both traffic and planning control.

Application in design: The design output should clearly indicate the application of theory of architecture, materials & structural systems, environmental sciences and behavioural sciences.

**COURSE OBJECTIVES**

To enable an understanding of architecture as having the capacity to critically interpret and transform status quo in the environment and society through the act of design.

To understand the process of architectural design which would be seen along with the aspects such as nature of cities, urban morphology, history, place, density, society, public realm, economy, climate and microclimate, ecology, legislation.

To incorporate sustainability in architectural design at various scales.



**MAPPING OF COs with POs**

Course Outcomes	Programme Outcomes (PO)
1. Students will be able to understand the wider implication of design decisions and their interdependency with larger processes of society.	
2. Students will be able to design buildings that respond to emerging urban conditions.	
3. Students will be able to balance varied technical and planning consideration in building design with aspects of sustainability.	

**COURSE PLAN – PART II**

**COURSE OVERVIEW**

This course will provide the aspects of planning, technology, services, density, height of construction, management would be examined along with considerations such as environmental performance, heritage resource, ecological impact in order to produce a viable synthesis of diverging needs. The studio will focus on architecture as being shaped by and shaping the urban context.

**COURSE TEACHING AND LEARNING ACTIVITIES**

S.No.	Week/Contact Hours	Topic	Mode of Delivery
1	1 <sup>st</sup> – 3 <sup>rd</sup> Week	Literature study for the project – case studies – site selection and site analysis	Lecture & Discussion
2	4 <sup>th</sup> – 8 <sup>th</sup> Week	Concept evaluation – site zoning – scheme drawing I & II	Lecture & Discussion
3	9 <sup>th</sup> – 12 <sup>th</sup> Week	Working drawings – service drawings – interior & exterior views	Lecture & Discussion

**COURSE ASSESSMENT METHODS**

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1	Continuous Assessments (Urban Study Report - Chennai)	1 <sup>st</sup> – 2 <sup>nd</sup> Week	-	10 marks
2	Continuous Assessments (Literature and Data Collection)	3 <sup>rd</sup> week	-	10 marks
3	Continuous Assessments (Concept)	4 <sup>th</sup> week	-	10 marks
4	Design Progress	5 <sup>th</sup> – 7 <sup>th</sup> week	-	10 marks



5	Mid Sem Review	8 <sup>th</sup> week	-	15 marks
6	End Sem Review	12 <sup>th</sup> Week Oct	-	15 marks
7	End Semester Exam	15 <sup>th</sup> week	18 hours	30 marks

**\*mandatory; refer to guidelines on page 4**

### **COURSE EXIT SURVEY**

Feedback about the course will be received from the students during the end of the semester.

**ATTENDANCE POLICY** (A uniform attendance policy as specified below shall be followed)

- **At least 75% attendance in each course is mandatory.**
- **A maximum of 10% shall be allowed under On Duty (OD) category.**

Students with **less than 65% of attendance** shall be prevented from writing the final assessment and **shall be awarded 'V' grade.**

### **COURSE POLICY**

The faculty is available in the Online plat form during the design hours. Also, the faculty can be contacted through emails.

Correspondence e-mail: [ktm@nitt.edu](mailto:ktm@nitt.edu) & Contact No: +91 9894018599

### **COMPENSATION ASSESSMENT POLICY**

There is no compensation assessment.

### **ACADEMIC DISHONESTY & PLAGIARISM**

- Possessing a mobile phone, carrying bits of paper, talking to other students, copying from others during an assessment will be treated as punishable dishonesty.
- Zero mark to be awarded for the offenders. For copying from another student, both students get the same penalty of zero mark.
- 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.

The above policy against academic dishonesty shall be applicable for all the programmes.

### **ADDITIONAL INFORMATION**

The faculty is available for discussion, students may also be e-mailed directly at [ktm@nitt.edu](mailto:ktm@nitt.edu)

### **FOR APPROVAL**



Course Faculty K. J. W. 01/09/22 CC-Chairperson L. Saikala HOD K. J. W. 01/09/22  
(Dr. K. Thirumaran) (Dr. L. SAIKALA)

### Guidelines

- The number of assessments for any theory course shall range from 4 to 6.
- Every theory course shall have a final assessment on the entire syllabus with at least 30% weightage.
- One compensation assessment for absentees in assessments (other than final assessment) is mandatory. Only genuine cases of absence shall be considered.
- The passing minimum shall be as per the regulations.

B.Tech. Admitted in				P.G.
2018	2017	2016	2015	
35% or (Class average/2) whichever is greater.		(Peak/3) or (Class Average/2) whichever is lower		40%

- Attendance policy and the policy on academic dishonesty & plagiarism by students are uniform for all the courses.
- Absolute grading policy shall be incorporated if the number of students per course is less than 10.
- Necessary care shall be taken to ensure that the course plan is reasonable and is objective.