

DEPARTMENT OF ARCHITECTURE
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

COURSE PLAN – PART I			
Course Title	ARCHITECTURAL DESIGN 3		
Course Code	AR212	No. of Credits	8
Course Code of Pre-requisite subject(s)	NA		
Session	Jan.2018	Section (if, applicable)	S
Name of Faculty	P.GOPALAKRISHNAN	Department	ARCHITECTURE
Email	gopal@nitt.edu	Telephone No.	0431-2503564
Name of Course Coordinator(s) (if, applicable)	na		
E-mail		Telephone No.	
Course Type	<input checked="" type="checkbox"/> Core course <input type="checkbox"/> Elective course		
Syllabus (approved in BoS)			
<p>Projects – Developing designs and details for buildings, which are multi-room, single use, small span, multiple bay such as market, clinic, elementary school, art gallery and bank.</p> <p>In addition to the design of a single or a small group of buildings, the students should be able to take into consideration the context in which the buildings are located and design the outdoor spaces appropriately.</p> <p>Understanding design forces, significance of various factors like privacy, convenience, comfort, circulation pattern, furniture arrangement, texture, colour etc. in the built environment.</p> <p>The design should reflect the application of knowledge gained from courses on materials, structures, construction and theory of architecture.</p>			
COURSE OBJECTIVES			
<p>The objective of this course is (i) to make students learn the architectural design process (ii) to make students apply and understand the knowledge gained from other courses in architectural design (iii) To make students demonstrate skills in the appropriate use of representational media;</p>			
COURSE OUTCOMES (CO)			
Course Outcomes	Aligned Programme Outcomes (PO)		
1. Students will become familiar with design process.			

2. Students will learn to design single use multi-room spaces	
3. Students will be able to understand structural system for small span structures	
4. Students will learn to design and integrate context in which the building is located	

COURSE PLAN – PART II

COURSE OVERVIEW

The core of this design course is the development of both design thinking and capability with tools. The focus of this subject will be architecture in an small urban context, which will be explored by students designing a particular building type, e.g. a school, bank , clinic etc.

COURSE TEACHING AND LEARNING ACTIVITIES

S.No.	Week/Contact Hours	Topic	Mode of Delivery
1.	Week 1 -2	Minor Project -1	Studio Assignment
2	Week 3	Major Project - introduction	Lecture & Studio Assignment
3.	Week 4-6	Major Project – Case studies, Literature study presentation	PPT presentation
4.	Week 6-8	Major Project – Area analysis, user Flow chart, Adjacency matrix, Concept	Studio Assignment
5.	Week 9-11	Major Project- Single line sketch, plans , sections	Studio Assignment
6.	Week 12 -14	Major Project- Final drawings, 3D models	Studio Assignment
7.	Week 15-16	Minor Project - 2	Studio Assignment

COURSE ASSESSMENT METHODS (shall range from 4 to 6)				
S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1	CONTINUOUS ASSESSMENT	Week 1 to 16	Regular class hours – entire semester	40 %
CPA	Compensation Assessment*	Week 16		
2	MID SEM VIVA VOCE	Week 9	One day	15%
3	END TERM VIVA VOCE	Week 16	One day	15%
4	END SEM EXAM	LAST WEEK	12 Hrs	30%
COURSE EXIT SURVEY (mention the ways in which the feedback about the course shall be assessed)				
Feedback about the course will be obtained through MIS before the end sem exam.				
COURSE POLICY (preferred mode of correspondence with students, policy on attendance, compensation assessment, , academic honesty and plagiarism etc.)				
<ul style="list-style-type: none"> ○ For a student to secure a minimum of E grade, he/ she has to secure a minimum of 50% in the continuous assessment and 45% marks in continuous assessment and final (end semester examination) put together. ○ Submission of assignments is due on the date and time notified in the class. Late submission will attract reduction in marks ○ For Mid-semester and End-semester reviews the students need to make the submissions prior to the review date, on the day notified by the faculty. If a student fails to submit the required drawings on the day of submission mentioned by the respective faculty member then the student is not permitted to attend the review and forfeit the marks. students not present on the day of review shall be marked absent and his/ her works shall be reviewed in absentia if the candidate has submitted the drawings on the day of submission ○ A student who fails to secure a minimum of E grade in the Architectural Design courses will not be permitted to move to next higher semester. Such students shall rejoin in the same semester when in session next. 				

MODE OF CORRESPONDENCE (email/ phone etc)

Email : gopal@nitt.edu Phno: +919994924004

ATTENDANCE

As per regulation 100% attendance is expected of a student to make him/her eligible to earn the credits. However, condonation for shortage of attendance up to 25% shall be given on medical grounds and for representing the institution in approved sports, co-curricular and extra-curricular activities.

Students who have not satisfied the attendance eligibility requirements shall be awarded a 'V' grade for the course.

COMPENSATION ASSESSMENT

Compensation Assessment will be conducted for students who have failed to attend the internal reviews for valid reasons

ACADEMIC HONESTY & PLAGIARISM

Plagiarism will not be tolerated. Penalties will be imposed if the student has plagiarized the work.

ADDITIONAL INFORMATION

REFERENCES:

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

FOR APPROVAL

Course Faculty



CC-Chairperson



15/1/2018

HOD



15/1/18