

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

DEPARTMENT OF ARCHITECTURE

Name of specialized	f the programme and zation	B.ARCH (ARCHITECTURE)				
Course	Title	MECHANICS OF S				
Course Code		AR106	No. of Credit	S	3	
Course subject(Code of Pre-requisite (s)	-		g o chuith cléadh		
Session		January 2023	Section (if, applicable	e)	-	
Name of Faculty		Dr.L.SAIKALA	Department		ARCHITECTURE	
Official Email		saikala@nitt.edu	Telephone N	о.	9443125061	
Course Type (please tick			rse			
Syllabus	s (approved in BoS) : A	s Per Course curricu	ılum.			
COURSI	E OBJECTIVES: To Ma	ke students to under	stand basics of mechanism	n, properties and loads	s on solids.	
MAPPIN	IG OF COs with POs					
Course Outcomes				Programme Outcomes (PO)		
1. To	understand the mechani	cs of structural membe	ers and behavior, loads and t	heir types		
2. To :	study the types of materi	ials and their propertie	s with example problems- ge	ometric properties		
3. To :	study shear force and be	ending moments with t	vpes of loads on various bea	ms.		
4. To	derive and apply simple	bending theory on str		t.		
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Online Fe	edback and Suggestions-regarding teaching and learning process
COURSE	POLICY (including compensation assessment to be specified)
	ndance 75% mandatory,65%-75% condonation is permitted for genuine medical reasons and event esentations through college, if attendance requirements are not met 'V' grade will be awarded.
ATTENDAN	CE POLICY (A uniform attendance policy as specified below shall be followed)
>	At least 75% attendance in each course is mandatory.
A	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.
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 dishonest
۶	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 malpracti and award the punishment if the student is found guilty. The report shall be submitted to the Academic office.
۶	The above policy against academic dishonesty shall be applicable for all the programmes.
ADDITIO	NAL INFORMATION, IF ANY
Course C	Coordinator may be contacted for any queries or discussion at their office or on mobile.
FOR APP	PROVAL
Course F	Saikation Kinelhume Bharahi Il

Guidelines

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

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

e) Attendance policy and the policy on academic dishonesty & plagiarism by students are uniform for all the courses.

f) Absolute grading policy shall be incorporated if the number of students per course is less than 10.

g) Necessary care shall be taken to ensure that the course plan is reasonable and is objective.