

Shantilal Shah Engineering College, Bhavnagar
Applied Mechanics Department

Date: 09/09/2024

Civil Engineering [5th Semester]

Odd Semester: Syllabus of MST/PAT (September - 2024)

#	Date	Time	Subject Code	Name of Subject	Syllabus - Topic / Units
1	20/09/2024	02:30 pm To 03:30 Pm	3150612	Design of Structures	<u>RCC Portion:</u> <ul style="list-style-type: none">• Limit State Design Philosophy• Design of Singly & Doubly RC Beam <u>Steel Portion:</u> <ul style="list-style-type: none">• Limit State Design Philosophy• Design of Tension Member
2	21-09-2024	02:30 pm To 03:30 Pm	3150614	Structural Analysis - II	<ul style="list-style-type: none">• Slope & Deflection Method• Energy Principles (Castigliano's 1st Theorem)

Subject Co-ordinator of D.O.S.
(Prof. K. A. Mehta)

Subject Co-ordinator of S. A. - II
(Prof. D. P. Advani)

H.O.D. - Applied Mechanics
(Dr. M. V. Bhatti)