

Shantilal Shah Engineering College, Bhavnagar

Applied Mechanics Department

BE - CIVIL ENGINEERING - 5TH SEMESTER

ODD Semester : Syllabus of RMST / RPAT (April - 2022)

| # | Date | Time | Subject Code | Name of Subject | Syllabus-Topic/Units |
|---|------------|----------------------------|--------------|--|--|
| 1 | 22-04-2022 | 01:30 PM to 02:45 PM | 3150612 | Design of Structures | RCC Section: 1. Limit State Design Philosophy (R.C.C.) 2. Design of Singly & Doubly RC Beam Steel Section: 1. Limit State Design Philosophy (Steel) 2. Design of Tension Member 3. Design of Compression Member (only theory) |
| 2 | 26-04-2022 | 01:30 PM to 02:45 PM | 3150614 | Structural Analysis - II (Elective) | 1. Slope & Deflection Method 2. Energy Principles (upto castigliano's 2nd Theoram) |

Sd/-
HOD-Applied Mechanics
SSEC-Bhavnagar