

Shantilal Shah Engineering College, Bhavnagar

Applied Mechanics Department,

B. E. 7<sup>th</sup> Civil Engineering,

Syllabus for Progressive Assessment Test

Date: 12/Oct/2023

Sr. No.	Subject Code & Name	Topics
1.	(3170618) Design of Steel Structures	<ul style="list-style-type: none"><li>• Design of Gantry Girder,</li><li>• Design of Plate girder for bending,</li><li>• Introduction to plastic method of analysis</li></ul>
2.	(3170624) Design of Prestressed Concrete Structures	<ul style="list-style-type: none"><li>• Introduction</li><li>• Analysis of Prestress and Bending Stresses</li><li>• Shear Strength Design</li></ul>

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