

**Applied Mechanics Department**  
**Syllabus of RMST [April-2019]**

#	Subject Code	Name of Subject	Date	Time	Syllabus
<b>BE Semester - 3<sup>rd</sup> (NEW SCHEME)</b>					
1	2130003	Mechanics of Solids	01/04/2019	11.30 am TO 12.30 pm	<ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Force and system of forces</li> <li>3. Centroid and center of gravity</li> <li>4. Simple stresses &amp; strains</li> </ol>
2	2130606	Geotechnics & Applied Geology	04/04/2019		<ol style="list-style-type: none"> <li>1. Index Properties, Relationships and Tests</li> <li>2. Particle Size Analysis</li> <li>3. Soil Structure</li> </ol>
<b>BE Semester - 5th (NEW SCHEME)</b>					
1	2150608	Structural Analysis - II	04/04/2019		<ol style="list-style-type: none"> <li>1. Slope and Deflection</li> <li>2. Energy Principles</li> </ol>
2	2150609	Soil Mechanics	05/04/2019	2.00 to 3.00 pm	<ol style="list-style-type: none"> <li>1. Compaction</li> <li>2. Shear Strength of Soil</li> <li>3. Consolidation of Soils</li> </ol>
3	2150003	Disaster Management	08/04/2019		<ol style="list-style-type: none"> <li>1. Types, Trends, Causes, Consequences and Control of Disasters</li> <li>2. Disaster Management Cycle and Framework</li> </ol>
<b>BE Semester - 7th (NEW SCHEME)</b>					
1	2170607	Design of Reinforced Concrete Structures	01/04/2019	4.00 to 5.00 pm	<ol style="list-style-type: none"> <li>1. Design of Retaining wall</li> <li>2. Design of Water Tank</li> </ol>
2	2170612	Earthquake Engineering (DE-II)	04/04/2019		<ol style="list-style-type: none"> <li>1. Fundamentals of Earthquake Vibrations of buildings</li> </ol>

NOTE: if Any subject of Applied Mechanics Department is not listed above schedule contact to **Prof. D. P. Advani (Room No. - 103) in Main Building.**

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Head

Applied Mechanics Department

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