



MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
 BELAWADI, SRIRANGAPATNA Taluk, MANDYA-571438

Department Of Civil Engineering

Course Outcome

Subject: ELEMENTS OF CIVIL ENGINEERING AND MECHANICS

Subject Code: 17CIV13

| CO's | DESCRIPTION OF THE OUTCOMES |
|-----------|--|
| 17CIV13.1 | Understand the basics of Civil Engineering and its scope of study. |
| 17CIV13.2 | Apply the laws of mechanics to compute the reactive forces. |
| 17CIV13.3 | Analyze the action of Force Systems. |
| 17CIV13.4 | Identify the location of the Centroid and compute the Moment of Inertia of composite cross-sections. |
| 17CIV13.5 | Evaluate the geometry of motion of bodies. |

| CO No | PO No | | | | | | | | | | | | PSO | | |
|------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 |
| 17CIV13.1 | 2 | | 2 | | | 3 | 2 | | | | 2 | 2 | | | |
| 17CIV13.2 | 3 | 2 | | 2 | | | | | | | | 2 | | | |
| 17CIV13.3 | 3 | 2 | | 2 | | | | | | | | 2 | | | |
| 17CIV13.4 | 3 | 2 | | | | | | | | | | | | | |
| 17CIV13.5 | 3 | 2 | | | | | | | | | | | | | |
| CO Average | 2.8 | 2 | 2 | 2 | 0 | 3 | 2 | 0 | 0 | 0 | 2 | 2 | | | |

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| | | |
| Faculty | | Course Coordinator |

Approval of the COs and their mapping with POs and PSOs was given on --/--/--.

| | | |
|-------------------------|-----------------|-----------|
| | | |
| Criterion 3 Coordinator | NBA coordinator | HOD |
| | | |
| Convener | | Principal |

Note: CO Average is calculated as total of the COs / No. of cells filled in that particular PO column
An example is followed here.

Example:

C205: Manufacturing Process - I

| CO | P01 | P02 | P03 | P04 | P05 | P06 | P07 | P08 | P09 | P010 | P011 | P012 |
|-------------|----------|----------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| C205.1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - |
| C205.2 | 2 | 2 | 2 | - | - | - | - | - | - | - | - | - |
| C205.3 | 2 | 2 | 3 | - | - | 2 | 2 | - | - | - | 1 | 1 |
| C205.4 | 2 | 2 | 3 | - | 2 | 2 | - | - | - | - | 1 | 1 |
| C205.5 | 2 | 3 | 1 | - | 2 | 2 | - | - | - | - | - | 1 |
| C205 | 2 | 2 | 2.25 | - | 2 | 2 | 2 | - | - | - | 1 | 1 |