



# Ujjain Engineering College, Ujjain (MP) 456010

Scheme of Examination as per AICTE model curriculum 2018

Bachelor of Technology (B.Tech.)

W.E.F. JULY, 2018

**Semester - VI (SIXTH)**

**CIVIL ENGG.**

| S.N.         | Category | Course Code | Course Title    | Contact hours per week |          |          |           | Distribution of Marks |            |           |            |            | Total Marks |
|--------------|----------|-------------|-----------------|------------------------|----------|----------|-----------|-----------------------|------------|-----------|------------|------------|-------------|
|              |          |             |                 | L                      | T        | P        | Credits   | THEORY                |            |           | PRACTICAL  |            |             |
|              |          |             |                 |                        |          |          |           | ESE                   | MST        | QAR       | ESE        | LQAR       |             |
| 1            | DC       | CE6301      | Design of Steel | 3                      | 0        | 1        | 4         | 70                    | 20         | 10        | 30         | 20         | 150         |
| 2            | DE       | CE632X      | Elective-II     | 3                      | 1        | 1        | 5         | 70                    | 20         | 10        | 30         | 20         | 150         |
| 3            | DC       | CE6302      | Soil Mechanics  | 3                      | 1        | 1        | 5         | 70                    | 20         | 10        | 30         | 20         | 150         |
| 4            | OE       | ME635X      | Open Elective-I | 3                      | 0        | 1        | 4         | 70                    | 20         | 10        |            | 50         | 150         |
| 5            | DC       | CE633X      | Elective-III    | 3                      | 0        | 1        | 4         | 70                    | 20         | 10        | 20         | 30         | 150         |
| <b>Total</b> |          |             |                 | <b>15</b>              | <b>2</b> | <b>5</b> | <b>22</b> | <b>350</b>            | <b>100</b> | <b>50</b> | <b>110</b> | <b>140</b> | <b>750</b>  |

**Internship two week after sixth semester**

|                     |        |   |
|---------------------|--------|---|
| <b>Elective-II</b>  | CE6321 | Advanced RCC                              |
|                     | CE6322 | Design of Bridges                         |
|                     | CE6323 | Design of Pre-stressed concrete Structure |
| <b>Elective-III</b> | CE6331 | Wastewater Engineering                    |
|                     | CE6332 | Wastewater Engineering for Recycling & R  |
|                     | CE6333 | Wastewater Management                     |
| <b>Open EL-I</b>    | ME6351 | <b>Hydro System</b>                       |
|                     | ME6352 | Fluid Machinery & Hydraulics Engineering  |
|                     | ME6353 | Advance Fluid Mechanics                   |

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|--|--|
| <b>BSC</b> Basic Science Course                                      | <b>ESE</b> End Semester Examination                  |
| <b>ESC</b> Engineering Science Course                                | <b>MST</b> Mid Semester test                         |
| <b>HSMC</b> Humanities & Social Sciences including Management Course | <b>QAR</b> Quizzes Assignment & Regularity           |
|  | <b>LQAR</b> Lab work Quizzes Assignment & Regularity |