

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**  
**Scheme of Teaching and Examination 2018 – 19**  
**Outcome Based Education(OBE) and Choice Based Credit System (CBCS)**  
**(Effective from the academic year 2018 – 19)**

## V SEMESTER

| Sl. No | Course and Course code |         | Course Title                 | Teaching Department                      | Teaching Hours /Week |          |                    | Examination       |           |           |             | Credits |
|--------|------------------------|---------|------------------------------|--|----------------------|----------|--------------------|-------------------|-----------|-----------|-------------|---------|
|        |                        |         |                              |  | Theory Lecture       | Tutorial | Practical/ Drawing | Duration in hours | CIE Marks | SEE Marks | Total Marks |         |
|        |                        |         |                              |  | L                    | T        | P                  |                   |           |           |             |         |
| 1      | PCC                    | 18ME51  | Management and Economics     |  | 2                    | 2        | --                 | 03                | 40        | 60        | 100         | 3       |
| 2      | PCC                    | 18ME52  | Design of Machine Elements I |  | 3                    | 2        | --                 | 03                | 40        | 60        | 100         | 4       |
| 3      | PCC                    | 18ME53  | Dynamics of Machines         |  | 3                    | 2        | --                 | 03                | 40        | 60        | 100         | 4       |
| 4      | PCC                    | 18ME54  | Turbo Machines               |  | 3                    | --       | --                 | 03                | 40        | 60        | 100         | 3       |
| 5      | PCC                    | 18ME55  | Fluid Power Engineering      |  | 3                    | --       | --                 | 03                | 40        | 60        | 100         | 3       |
| 6      | PCC                    | 18ME56  | Operations Management        |  | 3                    | --       | --                 | 03                | 40        | 60        | 100         | 3       |
| 7      | PCC                    | 18MEL57 | Fluid Mechanics/Machines lab |  | --                   | 2        | 2                  | 03                | 40        | 60        | 100         | 2       |
| 8      | PCC                    | 18MEL58 | Energy Conversion Lab        |  | --                   | 2        | 2                  | 03                | 40        | 60        | 100         | 2       |
| 9      | HSMC                   | 18CIV59 | Environmental Studies        | Civil/ Environmental                     | 1                    | --       | --                 | 02                | 40        | 60        | 100         | 1       |
|        |                        |         |                              | [Paper setting: Civil Engineering Board] |                      |          |                    |                   |           |           |             |         |
| TOTAL  |                        |         |                              |  | 18                   | 10       | 04                 | 26                | 360       | 540       | 900         | 25      |

**Note:** PCC: Professional Core, HSMC: Humanity and Social Science.

**AICTE activity Points:** In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of degree only after the release of the Eighth semester Grade Card.