## Semester : Third

| Sr No | Course Title | Abbrevation | Course Type | Course Code | Total IKS Hrs for Sem. | Actual Contact Hrs./Week CL | TL | LL | Self Learning (Activity/Assignment/Micro Project) | Notional Learning Hrs /Week | Credits | Paper Duration (hrs.) | Theory FA-TH Max | SA-TH Max | Total Max | Min | Based on LL & TL — Practical FA-PR Max | Min | SA-PR Max | Min | Based on Self Learning SLA Max | Min | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **(All Compulsory)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | STRENGTH OF MATERIALS | SOM | DSC | 313349 | 1 | 4 | | 2 | | 6 | 3 | 3 | 30 | 70 | 100 | 40 | 25 | 10 | - | - | - | - | 125 |
| 2 | FLUID MECHANICS AND MACHINERY | FMM | DSC | 313350 | 1 | 3 | - | 2 | 1 | 6 | 3 | 3 | 30 | 70 | 100 | 40 | 25 | 10 | 25# | 10 | 25 | 10 | 175 |
| 3 | THERMAL ENGINEERING | TEG | DSC | 313351 | 0 | 3 | - | 2 | 1 | 6 | 3 | 3 | 30 | 70 | 100 | 40 | 25 | 10 | 25@ | 10 | 25 | 10 | 175 |
| 4 | PRODUCTION DRAWING | PDR | SEC | 313346 | | 2 | - | 4 | 2 | 8 | 4 | 4 | 30 | 70 | 100 | 40 | 25 | 10 | 25@ | 10 | 25 | 10 | 175 |
| 5 | BASIC ELECTRICAL AND ELECTRONICS | BEE | AEC | 312020 | 0 | 2 | - | 4 | - | 6 | 3 | - | - | - | - | - | 50 | 20 | 50@ | 20 | - | - | 100 |
| 6 | ESSENCE OF INDIAN CONSTITUTION | EIC | VEC | 313001 | | 1 | | | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | 50 | 20 | 50 |
| 7 | FUNDAMENTALS OF PYTHON PROGRAMMING | FPP | AEC | 313021 | 0 | - | - | 2 | - | 2 | 1 | - | - | - | - | - | 25 | 10 | 25@ | 10 | - | - | 50 |
| 8 | COMPUTER AIDED DRAFTING | CAD | SEC | 313022 | 0 | - | - | 4 | - | 4 | 2 | - | - | - | - | - | 25 | 10 | 25# | 10 | - | - | 50 |
| | **Total** | | | | 2 | 15 | 0 | 20 | 5 | 40 | 20 | | 120 | 280 | 400 | | 200 | | 175 | | 125 | | 900 |

**Abbreviations :** CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

**Legends :** @ Internal Assessment, # External Assessment, *# On Line Examination , @$ Internal Online Examination

**Note :**

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.

2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.

3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.

4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks

5. 1 credit is equivalent to 30 Notional hrs.