



# Sri Satya Sai University of Technology & Medical Sciences, Sehore (M.P.)

## Scheme of Examination

### Third Semester – B.E.(Chemical Engineering)

| S.No  | Sub Code | Subject Name                                     | Max Marks Theory |                                 |                   | Max. Marks Practical    |                      |                  | Total Marks | Credits Allotted |   |    | Total Credits |
|-------|----------|--|------------------|---------------------------------|-------------------|-------------------------|----------------------|------------------|-------------|------------------|---|----|---------------|
|       |          |  | End Sem Exam     | Mid Sem MST (Two tests average) | Quiz - Assignment | End Sem Practical/ Viva | Term Work            |                  |             | L                | T | P  |               |
|       |          |  |                  |                                 |                   |                         | Lab work & sessional | Assignment/ quiz |             |                  |   |    |               |
| 1     | BE 301   | Engineering Mathematics-I                        | 70               | 20                              | 10                | -                       | -                    | -                | 100         | 3                | 1 | -  | 4             |
| 2     | CM-302   | Chemical Engineering Thermodynamics              | 70               | 20                              | 10                | -                       | -                    | -                | 100         | 3                | 1 | -  | 4             |
| 3     | CM-303   | Chemical Instrumentation                         | 70               | 20                              | 10                | 30                      | 10                   | 10               | 150         | 3                | 1 | 2  | 6             |
| 4     | CM-304   | Material & Energy Balance                        | 70               | 20                              | 10                | 30                      | 10                   | 10               | 150         | 3                | 1 | 2  | 6             |
| 5     | CM-305   | Advanced Engineering Chemistry                   | 70               | 20                              | 10                | 30                      | 10                   | 10               | 150         | 3                | 1 | 2  | 6             |
| 6     | CM-306   | Computer Programming Lab (C Language)            | -                | -                               | -                 | 30                      | 10                   | 10               | 50          | 0                | 0 | 2  | 2             |
| 7     | CM-307   | Self-Study (Internal Assessment)                 | -                | -                               | -                 | -                       | -                    | 50               | 50          | 0                | 0 | 2  | 2             |
| 8     | CM-308   | Seminar / Group Discussion (Internal Assessment) | -                | -                               | -                 | -                       | -                    | 50               | 50          | 0                | 0 | 2  | 2             |
| TOTAL |          |  | 350              | 100                             | 50                | 120                     | 40                   | 140              | <b>800</b>  | 15               | 5 | 12 | 32            |

L: Lecture- T: Tutorial- P: Practical

w.e.f. July- 2015