

ANNEXTURE I  
GOA UNIVERSITY  
SECOND YEAR OF BACHELOR'S DEGREE COURSE IN COMPUTER  
ENGINEERING  
(Revised in 2007-08)  
SCHEME OF INSTRUCTION AND EXAMINATION

SEMESTER III

| Sub Code  | Subjects                               | Scheme of Instruction<br>Hrs/Week |    |    | Scheme of Examination |       |      |     |   |       |
|-----------|----------------------------------------|-----------------------------------|----|----|-----------------------|-------|------|-----|---|-------|
|           |                                        | L                                 | T  | P  | Th.<br>Dur<br>(Hrs)   | Marks |      |     |   |       |
|           |                                        |                                   |    |    |                       | Th.   | S    | P   | O | Total |
| CE3.1AM3  | Applied Mathematics III                | 3                                 | 1  | 0  | 3                     | 100   | 20+5 | -   | - | 125   |
| CE3.2BC++ | Basics Of C++                          | 3                                 | 1  | 2  | 3                     | 100   | 20+5 | 50  | - | 175   |
| CE3.3PPL  | Principles of Programming Languages    | 3                                 | 0  | 2  | 3                     | 100   | 20+5 | -   | - | 125   |
| CE3.4CONT | Computer Oriented Numerical Techniques | 3                                 | 1  | 2  | 3                     | 100   | 20+5 |     | - | 125   |
| CE3.5LD   | Logic Design                           | 3                                 | 1  | 2  | 3                     | 100   | 20+5 | 50  |   | 175   |
| CE3.6IE   | Integrated Electronics                 | 3                                 | 1  | 2  | 3                     | 100   | 20+5 | -   |   | 125   |
|           | <b>TOTAL</b>                           | 18                                | 05 | 10 | -                     | 600   | 150  | 100 | 0 | 850   |

L-Lectures, T-Tutorials P-Practicals

Th.-Dur.- Duration of Theory paper

Th-Theory, S-Sessional, P-Practical, O-Oral.

**25 Sessional marks will be split as follows:**

20 marks are for the Internal Test

5 marks are for continuous evaluation of Practicals/Assignments

ANNEXTURE I  
GOA UNIVERSITY  
SECOND YEAR OF BACHELOR'S DEGREE COURSE IN COMPUTER  
ENGINEERING  
(Revised in 2007-08)  
SCHEME OF INSTRUCTION AND EXAMINATION

SEMESTER IV

| Sub Code  | Subjects                                         | Scheme of Instruction<br>Hrs/Week |    |   | Scheme of Examination |       |          |     |   |       |
|-----------|--------------------------------------------------|-----------------------------------|----|---|-----------------------|-------|----------|-----|---|-------|
|           |                                                  | L                                 | T  | P | Th.<br>Dur<br>(Hrs)   | Marks |          |     |   |       |
|           |                                                  |                                   |    |   |                       | Th.   | S        | P   | O | Total |
| CE4.1DMS  | Discrete Mathematical structures                 | 3                                 | 1  | 0 | 3                     | 100   | 20+<br>5 | -   | - | 125   |
| CE4.2DS   | Data Structures                                  | 3                                 | 1  | 2 | 3                     | 100   | 20+<br>5 | 50  | - | 175   |
| CE4.3CO   | Computer Organization                            | 3                                 | 1  | 2 | 3                     | 100   | 20+<br>5 | -   | - | 125   |
| CE4.4EM   | Electronic Measurements                          | 3                                 | 1  | 0 | 3                     | 100   | 20+<br>5 | -   | - | 125   |
| CE4.5SAD  | System Analysis and Design                       | 3                                 | 1  | 2 | 3                     | 100   | 20+<br>5 | -   | - | 125   |
| CE4.6OOPC | Object Oriented Programming And Design using C++ | 3                                 | 1  | 2 | 3                     | 100   | 20+<br>5 | 50  | - | 175   |
|           | <b>TOTAL</b>                                     | 18                                | 06 | 8 | -                     | 600   | 150      | 100 | - | 850   |

L-Lectures, T-Tutorials P-Practicals  
Th-.Dur.- Duration of Theory paper  
Th-Theory, S-Sessional, P-Practical, O-Oral.

**25 Sessional marks will be split as follows:**

20 marks are for the Internal Test

5 marks are for continuous evaluation of Practicals/Assignments