

## **(4) To be added in Courses Offered**

**Curriculum and Scheme of Examination**

**(COURSE No:1052)**

**Diploma in Computer Engineering**

**K – Scheme (With effect from 2008-2009)**

Total Curriculum Hours : 35 Hours / Week

Total Working Hours : 35 Hours / Week  
16 Weeks / Semester

### **III Semester**

| Sl. No. | Subject Code | Subject Name                                     | Hrs Per week | Duration Of Exam Hours | Examination Marks |      |       | Min. Marks For Pass# |
|---------|--------------|--|--------------|------------------------|-------------------|------|-------|----------------------|
|         |              |  |              |                        | IA                | BE # | Total |                      |
| 1       | 15031        | Basics of Electrical and Electronics Engineering | 6            | 3                      | 25                | 75   | 100   | 40                   |
| 2       | 15032        | C and Data Structures                            | 6            | 3                      | 25                | 75   | 100   | 40                   |
| 3       | 15033        | Operating Systems                                | 7            | 3                      | 25                | 75   | 100   | 40                   |
| 4       | 15034        | Electrical and Electronics Laboratory            | 6            | 3                      | 25                | 75   | 100   | 50                   |
| 5       | 15035        | C and Data Structures Laboratory                 | 6            | 3                      | 25                | 75   | 100   | 50                   |
| 6       | 15036        | Operating Systems Laboratory                     | 4            | 3                      | 25                | 75   | 100   | 50                   |

#Minimum of 30 marks out of 75 marks in Theory Examination

Minimum of 35 marks out of 75 marks in Practical Examination

### **IV Semester**

| Sl. No. | Subject Code | Subject Name  | Hrs Per week | Duration Of Exam Hours | Examination Marks |      |       | Min. Marks For Pass# |
|---------|--------------|---|--------------|------------------------|-------------------|------|-------|----------------------|
|         |              |   |              |                        | IA                | BE # | Total |                      |
| 1       | 15041        | Computer Architecture and Assembly Language Programming | 7            | 3                      | 25                | 75   | 100   | 40                   |
| 2       | 15042        | Internet concepts and Web Designing                     | 6            | 3                      | 25                | 75   | 100   | 40                   |
| 3       | 15043        | Object Oriented Programming with Java                   | 6            | 3                      | 25                | 75   | 100   | 40                   |
| 4       | 11011        | English Communication Laboratory                        | 4            | 3                      | 25                | 75   | 100   | 50                   |
| 5       | 15045        | Web Designing Laboratory                                | 6            | 3                      | 25                | 75   | 100   | 50                   |
| 6       | 15046        | Java Programming Laboratory                             | 6            | 3                      | 25                | 75   | 100   | 50                   |

#Minimum of 30 marks out of 75 marks in Theory Examination

Minimum of 35 marks out of 75 marks in Practical Examination

### V Semester

| Sl. No. | Subject Code          | Subject Name                                      | Hrs Per week | Duration Of Exam Hours | Examination Marks |      |       | Min. Marks For Pass# |
|---------|-----------------------|---|--------------|------------------------|-------------------|------|-------|----------------------|
|         |                       |   |              |                        | IA                | BE # | Total |                      |
| 1       | 15051                 | Computer Networks and Security                    | 7            | 3                      | 25                | 75   | 100   | 40                   |
| 2       | 15052                 | Relational Data Base Management Systems           | 6            | 3                      | 25                | 75   | 100   | 40                   |
| 3       | Elective-I Theory     |   |              |                        |                   |      |       |                      |
|         | 15071                 | .Net Programming                                  | 6            | 3                      | 25                | 75   | 100   | 40                   |
| 4       | 15054                 | Computer Networks and Security Laboratory         | 4            | 3                      | 25                | 75   | 100   | 50                   |
| 5       | 15055                 | Relational Data Base Management System Laboratory | 6            | 3                      | 25                | 75   | 100   | 50                   |
| 6       | Elective-I Laboratory |   |              |                        |                   |      |       |                      |
|         | 15073                 | .Net Programming Laboratory                       | 6            | 3                      | 25                | 75   | 100   | 50                   |

#Minimum of 30 marks out of 75 marks in Theory Examination  
Minimum of 35 marks out of 75 marks in Practical Examination

### VI Semester

| Sl. No. | Subject Code           | Subject Name                         | Hrs Per week | Duration Of Exam Hours | Examination Marks |      |       | Min. Marks For Pass# |
|---------|------------------------|--------------------------------------|--------------|------------------------|-------------------|------|-------|----------------------|
|         |                        |                                      |              |                        | IA                | BE # | Total |                      |
| 1       | 15061                  | PC Hardware and Servicing            | 6            | 3                      | 25                | 75   | 100   | 40                   |
| 2       | 15062                  | Mobile Computing                     | 6            | 3                      | 25                | 75   | 100   | 40                   |
| 3       | Elective-II Theory     |                                      |              |                        |                   |      |       |                      |
|         | 15081                  | Software Engineering                 | 7            | 3                      | 25                | 75   | 100   | 40                   |
| 4       | 15064                  | PC Hardware and Servicing Laboratory | 6            | 3                      | 25                | 75   | 100   | 50                   |
| 5       | Elective-II Laboratory |                                      |              |                        |                   |      |       |                      |
|         | 15083                  | E-Publishing Laboratory              | 4            | 3                      | 25                | 75   | 100   | 50                   |
| 6       | 15066                  | Project Work and Entrepreneurship    | 6            | 3                      | 25                | 75   | 100   | 50                   |

#Minimum of 30 marks out of 75 marks in Theory Examination  
Minimum of 35 marks out of 75 marks in Practical Examination