



# भारतीय अभियांत्रिकी एवं प्रबंधन संस्थान Engineering and Management Institute of India

## DIPLOMA IN INFORMATION TECHNOLOGY ENGINEERING

| SUBJECT CODE | 1 <sup>ST</sup> SEMESTER         |
|--------------|----------------------------------|
| ITE-1.1      | ENGINEERING PHYSICS              |
| ITE-1.2      | ENGINEERING MATHEMATICS          |
| ITE-1.3      | ENGINEERING CHEMISTRY            |
| ITE-1.4      | COMMUNICATION SKILL              |
| ITE-1.5      | PERSONALITY DEVELOPMENT          |
| ITE-1.6      | ENGINEERING PHYSICS (P)          |
| ITE-1.7      | ENGINEERING CHEMISTRY (P)        |
|              |                                  |
|              | 2 <sup>ND</sup> SEMESTER         |
| ITE-2.1      | ENGINEERING DRAWING              |
| ITE-2.2      | BASIC MANAGEMENT                 |
| ITE-2.3      | APPLIED MECHANICS                |
| ITE-2.4      | INFORMATION TECHNOLOGY           |
| ITE-2.5      | ENGINEERING DRAWING (P)          |
| ITE-2.6      | INFORMATION TECHNOLOGY (P)       |
|              |                                  |
|              | 3 <sup>RD</sup> SEMESTER         |
| ITE-3.1      | BASICS OF IT                     |
| ITE-3.2      | COMPUTER PROGRAMMING USING -C    |
| ITE-3.3      | DIGITAL ELECTRONICS              |
| ITE-3.4      | SYSTEM ANALYSIS & DESIGN         |
| ITE-3.5      | DBMS                             |
| ITE-3.6      | COMPUTER PROGRAMMING USING -C(P) |
| ITE-3.7      | DIGITAL ELECTRONICS(P)           |
|              |                                  |
|              | 4 <sup>TH</sup> SEMESTER         |
| ITE-4.1      | MULTIMEDIA AND APPLICATIONS      |
| ITE-4.2      | COMPUTER WORKSHOP                |
| ITE-4.3      | WEB TECHNOLOGY                   |
| ITE-4.4      | OPERATING SYSTEM                 |
| ITE-4.5      | IMAGE PROCESSING                 |
| ITE-4.6      | COMPUTER WORKSHOP (P)            |
| ITE-4.7      | IMAGE PROCESSING (P)             |
|              |                                  |

|         | <b>5<sup>TH</sup> SEMESTER</b>          |
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| ITE-5.1 | SOFTWARE ENGINEERING BASICS ELECTRONICS |
| ITE-5.2 | BASICS ELECTRONICS                      |
| ITE-5.3 | DESIGN AND ANALYSIS OF ALGORITHM        |
| ITE-5.4 | COMPUTER ARCHITECTURE                   |
| ITE-5.5 | DIGITAL SIGNAL PROCESSING               |
| ITE-5.6 | BASICS ELECTRONICS (P)                  |
| ITE-5.7 | DESIGN AND ANALYSIS OF ALGORITHM (P)    |
| ITE-5.8 | DIGITAL SIGNAL PROCESSING (P)           |
|         |   |
|         | <b>6<sup>TH</sup> SEMESTER</b>          |
| ITE-6.1 | ENTREPRENEURSHIP DEVELOPMENT MANAGEMENT |
| ITE-6.2 | ELECTRICAL MESURMENT                    |
| ITE-6.3 | PROJECT WORK                            |