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| --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Credits** | **Year of Introduction** |
|  |  |  |  |

|  |  |
| --- | --- |
| **Course Type** |  |
| **Contact Hours** |  |
| **Prerequisite** |  |
| **Lecture Room** |  |
| **Teaching methods** |  |

|  |  |
| --- | --- |
| **Course Description** |  |
| **Course Content** |  |
| **Course Objectives** | The Objectives of the course is given below:   1. To learn …….. 2. To ………. 3. To ……………   . |
| **Course Outcomes (COs)** | Followings are outcomes of the course:  **CO1:** **Clarify/Learn …….**  **CO2: Apply ………..**  **CO3:**.**Analyze ……..**  **CO4:** **Design ………….** |
| **Text Book** | 1. Book 1 2. Book 2 |
| **Reference Readings** | 1. Reference 1 2. Reference 2 3. Reference 3 4. Reference 4 |
| **Teaching Strategies** | Lectures, Field practice (group work), Industrial training, Assignments, Tutorials, Report writing, Experiential learning, Cooperative learning, Collaborative learning, Projects, Role play, Presentations, Quizzes, Self-study |
| **Assignments Strategies** | Besides regular homework, students are given additional tasks to complete and practice. Based on those tasks, additional assignment-based test is taken to count as assignment mark. |
| **Assessment Strategies** | The total marks are distributed for the examinations as shown.   1. Short Question/Definition type tests 2. Explaining briefly on basic concepts 3. Detailed Testing on topics through long answers/problem solving to understand in depth knowledge 4. To test the application capabilities based on concepts taught in the class |

**Student evaluation**

|  |  |  |
| --- | --- | --- |
| 1. | Class performance | 08 % |
| 2. | Class test | 20 % |
| 3. | Final Examination | 72 % |

**Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Bloom’s Taxonomy:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| POs COs | | **CO1** | **CO2** | **CO3** | **CO4** |
| **Program Outcomes** | **PO1** |  |  |  |  |
| **PO2** |  |  |  |  |
| **PO3** |  |  |  |  |
| **PO4** |  |  |  |  |
| **PO5** |  |  |  |  |
| **PO6** |  |  |  |  |
| **PO7** |  |  |  |  |
| **PO8** |  |  |  |  |
| **PO9** |  |  |  |  |
| **PO10** |  |  |  |  |
| **PO11** |  |  |  |  |
| **PO12** |  |  |  |  |
| **Domain of Bloom’s Taxonomy** | **Cognitive or**  **Knowledge** |  |  |  |  |
| **Affective or Attitude** |  |  |  |  |
| **Psychomotor or Skill** |  |  |  |  |

**Lecture Schedule:**

|  |  |  |
| --- | --- | --- |
| **Week 1** | **Chapter Name** | CT 1 |
| Class 1 | Topic |
| Class 2 | Topic |
| Class 3 | Topic |
| **Week 2** | **Chapter Name** |
| Class 4 | Topic |
| Class 5 | Topic |
| Class 6 | Topic |
| **Week 3** | **Chapter Name** |
| Class 7 | Topic |
| Class 8 | Topic |
| Class 9 | Topic |
| **Week 4** | **Chapter Name** | CT 2 |
| Class 10 | Topic |
| Class 11 | Topic |
| Class 12 | Topic |
| **Week 5** | **Chapter Name** |
| Class 13 | Topic |
| Class 14 | Topic |
| Class 15 | Topic |
| **Week 6** | **Chapter Name** |
| Class 16 | Topic |
| Class 17 | Topic |
| Class 18 | Topic |
| **Week 7** | **Chapter Name** | CT 3 |
| Class 19 | Topic |
| Class 20 | Topic |
| Class 21 | Topic |
| **Week 8** | **Chapter Name** |
| Class 22 | Topic |
| Class 23 | Topic |
| Class 24 | Related problem analysis. |
| **Week 9** | **Chapter Name** |
| Class 25 | Topic |
| Class 26 | Topic |
| Class 27 | Topic |
| **Week 10** | **Chapter Name** | CT 4 |
| Class 28 | Topic |
| Class 29 | Topic |
| Class 30 | Topic |
| **Week 11** | **Chapter Name** |
| Class 31 | Topic |
| Class 32 | Topic |
| Class 33 | Topic |
| **Week 12** | **Chapter Name** |
| Class 34 | Topic |
| Class 35 | Topic |
| Class 36 | Topic |
| **Week 13** | **Chapter Name** |  |
| Class 37 | Topic |
| Class 38 | Topic |
| Class 39 | Topic |