

DRAVINDHARVA

KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department:

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f 08.01.2018

Subject with code: Principles of Software Engineering (CSE-302F)

Name of Faculty with designation : Ms. Ashima Mehta (Assistant Professor)

| Month | Date & Day | Sem-Class | Unit | Topic/Chapter covered | Academic activity | Test / assignment |
|----------|----------------------|------------|------|--|--|------------------------------|
| January | 09.01.2018 Tuesday | VI-CSE-III | 1 | Introduction to Software Engineering Process | ..... | Assignment of 02 Ques. given |
| January | 10.01.2018 Wednesday | VI-CSE-III | 1 | Emergence and Evolving Role of Software Engineering | | Assignment of 02 Ques. given |
| January | 12.01.2018 Friday | VI-CSE-III | 1 | Software Life Cycle Model-I | | Assignment of 02 Ques. given |
| January | 16.01.2018 Tuesday | VI-CSE-III | 1 | Software Life Cycle Model-II | | Assignment of 02 Ques. given |
| January | 17.01.2018 Wednesday | VI-CSE-III | 1 | Software Life Cycle Model-III and Software Characteristics | | Assignment of 02 Ques. given |
| January | 19.01.2018 Friday | VI-CSE-III | 1 | Applications and Software Crisis | | Assignment of 02 Ques. given |
| January | 20.01.2018 Saturday | VI-CSE-III |  | ..... | Review of a. QEEE, b. NPTEL LCs, c. CISCO Acedemy | |
| January | 23.01.2018 Tuesday | VI-CSE-III | 1 | Introduction to Project Management | | Assignment of 02 Ques. given |
| January | 24.01.2018 Wednesday | VI-CSE-III | 1 | Introduction to Project Management and Related Concepts | | Assignment of 02 Ques. given |
| January | 30.01.2018 Tuesday | VI-CSE-III | 1 | Software Process and Project Metrics | | Assignment of 02 Ques. given |
| January | 31.01.2018 Wednesday | VI-CSE-III | 1 | Project Planning & Project Size Estimation Metrics | | Assignment of 02 Ques. given |
| February | 02.02.2018 Friday | VI-CSE-III | 1 | Various Project Estimation Techniques | | Assignment of 02 Ques. given |
| February | 06.02.2018 Tuesday | VI-CSE-III | 1 | COCOMO Estimation Technique and Staff Level Estimation | | Assignment of 02 Ques. given |

| Month | Date & Day | Sem-Class | Unit | Topic/Chapter covered | Academic activity | Test / assignment |
|----------|-----------------------|------------|------|--|--|------------------------------|
| February | 07.02.2018 Wednesday | VI-CSE-III | 1 | Risk Analysis & Management and Team Structures | | Assignment of 02 Ques. given |
| February | 09.02.2018 Friday | VI-CSE-III | 1 | Project Scheduling & Tracking Concepts | | Assignment of 02 Ques. given |
| February | 13.02.2018 Tuesday | VI-CSE-III | 2 | Introduction to Requirement Analysis and Specification | | Assignment of 02 Ques. given |
| February | 16.02.2018 Friday | VI-CSE-III | 2 | Analysis Principles, Partitioning Software and Prototyping, Tools | | Assignment of 02 Ques. given |
| February | 16.02.2018 Friday | VI-CSE-III |  | ..... | Review of Department Progress-I | |
| February | 17.02.2018 Saturday | VI-CSE-III |  | ..... | Review of a. EDC Cell, b. Spoken Tutorial, c. eYantra Lab, d. Rotract & NSS Wing | |
| February | 19-24.02.2018 Mon-Sat | VI-CSE-III |  | ..... | First Sessional Test | |
| February | 27.02.2018 Tuesday | VI-CSE-III | 2 | Software Requirements Specification (SRS) and Review Analysis Modeling | | Assignment of 02 Ques. given |
| February | 28.02.2018 Wednesday | VI-CSE-III | 2 | Data Modeling, Functional Modeling and Information Flow Concepts | | Assignment of 02 Ques. given |
| March | 06.03.2018 Tuesday | VI-CSE-III | 2 | Data Flow Diagrams (DFD) with Example | | Assignment of 02 Ques. given |
| March | 07.03.2018 Wednesday | VI-CSE-III | 2 | Mechanics of Structured Analysis (Creating ER Diagram) | | Assignment of 02 Ques. given |
| March | 09.03.2018 Friday | VI-CSE-III | 2 | Data Flow Model Vs Control Flow Model and Data Dictionary | | Assignment of 02 Ques. given |
| March | 13.03.2018 Tuesday | VI-CSE-III | 2 | Introduction to System Design and Its Related Concepts | | Assignment of 02 Ques. given |
| March | 14.03.2018 Wednesday | VI-CSE-III | 2 | Abstraction, Refinement, Modularity, Data Structure, Information Hiding | | Assignment of 02 Ques. given |
| March | 16-17.03.2018 Fri-Sat | VI-CSE-III |  | ..... | Sports Meet (Only Final Round) | |
| March | 20.03.2018 Tuesday | VI-CSE-III | 2 | Effective Modular Design Concepts i.e. Cohesion and Coupling, Design Documentation | | Assignment of 02 Ques. given |
| March | 21.03.2018 Wednesday | VI-CSE-III | 3 | Introduction to Architecture Design Concepts Including Data Design, Databasis and Data Warehouse | | Assignment of 02 Ques. given |

| Month | Date & Day | Sem-Class | Unit | Topic/Chapter covered | Academic activity | Test / assignment |
|-------------|----------------------------------|------------|------|--|---|------------------------------|
| March | 23.03.2018 Friday | VI-CSE-III | 3 | Mapping Requirements into Software Architecture and Transform Mapping | | Assignment of 02 Ques. given |
| March-April | 26.03.2018 to 02.04.2018 Mon-Mon | VI-CSE-III |  | ..... | Second Sessional Test | |
| April | 03.04.2018 Tuesday | VI-CSE-III | 3 | Testing Concepts: Testing Fundamental, Principles, Test Case Design and Objecties | | Assignment of 02 Ques. given |
| April | 04.04.2018 Wednesday | VI-CSE-III | 3 | Types of Testing-I | | Assignment of 02 Ques. given |
| April | 06.04.2018 Friday | VI-CSE-III | 3 | Types of Testing-II and Verification & Validation | | Assignment of 02 Ques. given |
| April | 10.04.2018 Tuesday | VI-CSE-III |  | ..... | Parents Teacher Meet, Project Competition "Innovision-2018" | |
| April | 11.04.2018 Wednesday | VI-CSE-III | 3 | Debugging Process, Software Re-Engineering, Reverse Engineering and Forward Engineerng | | Assignment of 02 Ques. given |
| April | 13.04.2018 Friday | VI-CSE-III | 3 | Testing for Specialized Environments, Architectures and Applications | | Assignment of 02 Ques. given |
| April | 17.04.2018 Tuesday | VI-CSE-III | 4 | Introduction to Software Reliability and Quality Assurance Concepts, SQA Activities | Review of Department Progress-III | |
| April | 18.04.2018 Wednesday | VI-CSE-III | 4 | Software Reviews: Cost Impact of S/W Defects and Removal, Formal Technical Reviews, Review Meeting and Reporting, Record Keeping and Review Guidelines, Formal Approaches to SQA | | Assignment of 02 Ques. given |
| April | 20.04.2018 Friday | VI-CSE-III | 4 | Measures of S/W Reliability and Availability, ISO 9000 Quality Standard, ISO 9001 & Software Configuration Management, CASE Building Blocks, Integrated Case Environments, Architecture and Repository | | Assignment of 02 Ques. given |
| April | 21.04.2018 Saturday | VI-CSE-III |  | ..... | Final Project Presentation | |
| April | 23-28.04.2018 Mon-Sat | VI-CSE-III |  | ..... | Pre-University Test (Tentative) | |

| Month | Date & Day | Sem-Class | Unit | Topic/Chapter covered | Academic activity | Test / assignment |
|-------|-----------------------|------------|------|-----------------------|-------------------------------------|-------------------|
| April | 30.04.2018 Monday | VI-CSE-III |  | ..... | Presentation of Department Progress | |
| May | 01-02.05.2018 Tue-Wed | VI-CSE-III |  | ..... | Viva-Voce | |