DRONACHARYA
College of Engineering

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	08.01.2018 Monday	VI-CSE-II	1	**Introduction to Software Engineering Process**	....	Assignment of 02 Ques. given
January	10.01.2018 Wednesday	VI-CSE-II	1	**Emergence and Evolving Role of Software Engineering**		Assignment of 02 Ques. given
January	11.01.2018 Thursday	VI-CSE-II	1	**Software Life Cycle Model-I**		Assignment of 02 Ques. given
January	15.01.2018 Monday	VI-CSE-II	1	**Software Life Cycle Model-II**		**Assignment of 02 Ques. given**
January	17.01.2018 Wednesday	VI-CSE-II	1	**Software Life Cycle Model-III and Software Characteristics**		Assignment of 02 Ques. given
January	18.01.2018 Thursday	VI-CSE-II	1	**Applications and Software Crisis**		Assignment of 02 Ques. given
January	20.01.2018 Saturday	VI-CSE-II		....	**Review of a. QEEE, b. NPTEL LCs, c. CISCO Acedemy**	
January	24.01.2018 Wednesday	VI-CSE-II	1	**Introduction to Project Management and Related Concepts**		Assignment of 02 Ques. given
January	25.01.2018 Thursday	VI-CSE-II	1	**Software Process and Project Metrics**		Assignment of 02 Ques. given
January	29.01.2018 Monday	VI-CSE-II	1	**Project Planning & Project Size Estimation Metrics**		Assignment of 02 Ques. given
January	31.01.2018 Wednesday	VI-CSE-II	1	**Various Project Estimation Techniques**		Assignment of 02 Ques. given
February	01.02.2018 Thursday	VI-CSE-II	1	**COCOMO Estimation Technique and Staff Level Estimation**		Assignment of 02 Ques. given
February	05.02.2018 Monday	VI-CSE-II	1	**Risk Analysis & Management and Team Structures**		Assignment of 02 Ques. given

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February	07.02.2018 Wednesday	VI-CSE-II	1	**Project Scheduling & Tracking Concepts**		**Assignment of 02 Ques. given**
February	08.02.2018 Thursday	VI-CSE-II	2	**Introduction to Requirement Analysis and Specification**		Assignment of 02 Ques. given
February	12.02.2018 Monday	VI-CSE-II	2	**Anlysis Principles, Partitioning Software and Prototyping**		Assignment of 02 Ques. given
February	15.02.2018 Thursday	VI-CSE-II	2	**Different Prototyping and Tools**		Assignment of 02 Ques. given
February	16.02.2018 Friday	VI-CSE-II		………	**Review of Department Progress-I**	
February	17.02.2018 Saturday	VI-CSE-II		………	**Review of a. EDC Cell, b. Spoken Tutorial, c. eYantra Lab, d. Rotract & NSS Wing**	
February	19-24.02.2018 Mon-Sat	VI-CSE-II		………	**First Sessional Test**	
February	26.02.2018 Monday	VI-CSE-II	2	**Software Requirements Specification (SRS) and Review Analysis Modeling**		Assignment of 02 Ques. given
February	28.02.2018 Wednesday	VI-CSE-II	2	**Data Modeling, Functional Modeling and Information Flow Concepts**		Assignment of 02 Ques. given
March	05.03.2018 Monday	VI-CSE-II	2	**Data Flow Diagrams (DFD) with Example**		Assignment of 02 Ques. given
March	07.03.2018 Wednesday	VI-CSE-II	2	**Mechanics of Structured Analysis (Creating ER Diagram)**		Assignment of 02 Ques. given
March	08.03.2018 Thursday	VI-CSE-II	2	**Data Flow Model Vs Control Flow Model and Data Dictionary**		Assignment of 02 Ques. given
March	12.03.2018 Monday	VI-CSE-II	2	**Introduction to System Design and Its Related Concepts**		Assignment of 02 Ques. given
March	14.03.2018 Wednesday	VI-CSE-II	2	**Abstraction, Refinement, Modularity, Data Structure, Information Hiding**		Assignment of 02 Ques. given
March	15.03.2018 Thursday	VI-CSE-II	2	**Effective Modular Design Concepts i.e. Cohesion and Coupling, Design Documentation**		Assignment of 02 Ques. given
March	16-17.03.2018 Fri-Sat	VI-CSE-II		………	**Sports Meet (Only Final Rond)**	
March	19.03.2018 Monday	VI-CSE-II	3	**Introduction to Architecture Design Concepts Including Data Design, Databasis and Data Warehouse**		Assignment of 02 Ques. given

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March	21.03.2018 Wednesday	VI-CSE-II	3	Mapping Requirements into Software Architecture and Transform Mapping		Assignment of 02 Ques. given
March	22.03.2018 Thursday	VI-CSE-II	3	Testing Concepts: Testing Fundamental, Principles, Test Case Design and Objecties		Assignment of 02 Ques. given
March-April	26.03.2018 to 02.04.2014 Mon-Mon	VI-CSE-II		....	Second Sessional Test	
April	04.04.2018 Wednesday	VI-CSE-II	3	Types of Testing-I		Assignment of 02 Ques. given
April	05.04.2018 Thursday	VI-CSE-II	3	Types of Testing-II and Verification & Validation		Assignment of 02 Ques. given
April	07.04.2018 Saturday	VI-CSE-II		....	Parents Teacher Meet, Project Competition "Innovision-2018"	
April	09.04.2018 Monday	VI-CSE-II	3	Debugging Process, Software Re-Engineering, Reverse Engineering and Forward Engineerng		Assignment of 02 Ques. given
April	11.04.2018 Wednesday	VI-CSE-II	3	Testing for Specialized Environments, Architectures and Applications		Assignment of 02 Ques. given
April	12.04.2018 Thursday	VI-CSE-II	4	Introduction to Software Reliability and Quality Assurance Concepts, SQA Activities		Assignment of 02 Ques. given
April	16.04.2018 Monday	VI-CSE-II	4	Software Reviews: Cost Impact of S/W Defects and Removal, Formal Technical Reviews		Assignment of 02 Ques. given
April	17.04.2018 Tuesday	VI-CSE-II		....	Review of Department Progress-III	
April	18.04.2018 Wednesday	VI-CSE-II	4	Review Meeting and Reporting, Record Keeping and Review Guidelines, Formal Approaches to SQA		Assignment of 02 Ques. given
April	19.04.2018 Thursday	VI-CSE-II	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-II		....	Final Project Presentation	
April	23-28.04.2018 Mon-Sat	VI-CSE-II		....	Pre-University Test (Tentative)	

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