

DAV CENTENARY COLLEGE FARIDABAD

Summary of Lesson Plans of College Faculty

Name of Asst/Associate Professor : Nisha Agnihotri

Class & Section: BCAM-V-Sem

Subject: Software Engineering-BCAMN-505

Academic Session 2023-2024 Odd Sem

	Date	Topics to be covered
Week 1	21/07/2023	Concept of software engineering, software characteristics
	22/07/2023	software metrics and models
	23/07/2023	Sunday
	24/07/2023	process metrics
	25/07/2023	LOC, Function point
	26/07/2023	product metrics
	27/07/2023	McCabe cyclomatic complexity
	28/07/2023	size metrics
	29/07/2023	Halstead theory
WEEK 2	30/07/2023	Sunday
	31/07/2023	function point analysis
	08-01-2023	Software development
	08-02-2023	phases
	08-03-2023	process models
	08-04-2023	waterfall Model
	08-05-2023	Spiral Model
WEEK 3	08-06-2023	Sunday
	08-07-2023	V-shapes Models
	08-08-2023	Incremental Development Model
	08-09-2023	prototype development
	08-10-2023	Iterative Model
	08-11-2023	Big Bang Model
	08-12-2023	Need of software project management
WEEK 4	13/8/2023	Sunday
	14/8/2023	Role of metrics
	15/8/2023	Independence day
	16/8/2023	Software Design Metrics
	17/8/2023	Management Metrics
	18/8/2023	role of measurement
	19/8/2023	role of measurement
WEEK 5	20/8/2023	Sunday
	21/08/2023	software quality
	22/08/2023	software quality factors
	23/08/2023	Comparison between Different Models
	24/08/2023	Comparison between Different Models
	25/08/2023	Comparison between Different Models
	26/08/2023	Assignment for Unit 1 and 2
	27/08/2023	Sunday

WEEK 6	28/08/2023	Cost estimations
	29/08/2023	COCOMO
	30/08/2023	Rakhi
	31/08/2023	COCOMO
	09-01-2023	project scheduling
WEEK 7	09-02-2023	quality assurance plans
	09-03-2023	Sunday
	09-04-2023	quality assurance plans
	09-05-2023	project monitoring plans
	09-06-2023	Jananashthmi
	09-07-2023	System design
	09-08-2023	design objectives
WEEK 8	09-09-2023	effective modular design
	09-10-2023	Sunday
	09-11-2023	functional independence
	09-12-2023	coupling
	13/9/2023	cohesion
	14/9/2023	design tools
	15/9/2023	design tools and techniques
	16/9/2023	prototyping structured
WEEK 9	17/9/2023	Sunday
	18/9/2023	prototyping structured
	19/9/2023	programming
	20/9/2023	programming
	21/9/2023	Validation
	22/9/2023	Coding
	23/9/2023	Saheedi Diwas (Haryana Heros Martyrdom Day)
	24/9/2023	Sunday
	25/9/2023	verification
WEEK 10	26/9/2023	verification
	27/9/2023	monitoring
	28/9/2023	monitoring
	29/9/2023	control
	30/09/2023	control
WEEK 11	10-01-2023	Sunday
	10-02-2023	Gandhi Jayanti
	10-03-2023	design tools and techniques
	10-04-2023	design tools and techniques
	10-05-2023	testing fundamentals
	06.10.2023	test case design
	07.10.2023	structural testing
	08.10.2023	Sunday
WEEK 12	09.10.2023	structural testing
	10.10.2023	functional testing
	11.10.2023	functional testing
	12.10.2023	Testing activities during testing
	13.10.2023	unit testing-Meaning

	14.10.2023	unit testing-types
	15.10.2023	Sunday
	16.10.2023	unit testing-comparision
	17.10.2023	integration testing-Meaning
WEEK 13	18.10.2023	integration testing-types
	19.10.2023	integration testing-comparision
	20.10.2023	Comaprision unit testing and integration testing
	21.10.2023	Comaprision unit testing and integration testing
	22.10.2023	Sunday
	23.10.2023	test plan
	24.10.2023	Dusshera
WEEK 14	25.10.2023	Assignment for Unit 3 and 4
	26.10.2023	Revision
	27.10.2023	Revision
	28.10.2023	Revision
	29.10.2023	Sunday
	30.10.2023	Class Test 1
	31.10.2023	Revision
WEEK 15	01.11.2023	Haryana Day
	02.11.2023	Practical Lab Revision
	03.11.2023	Practical Lab Revision
	04.11.2023	Practical Lab test
	05.11.2023	Sunday
	06.11.2023	software metrices and models
WEEK 16	07.11.2023	Revision
	08.11.2023	design tools
	09.11.2023	Revision
	10.11.2023	Diwali Break
	11.11.2023	Diwali Break
	12.11.2023	Diwali Break
	13.11.2023	Diwali Break
	14.11.2023	Diwali Break
WEEK 17	15.11.2023	Diwali Break
	16.11.2023	Diwali Break
	17.11.2023	testing fundamentals
	18.11.2023	Old Question Papers Discussion
	19.11.2023	Sunday
	20.11.2023	structural testing
WEEK 18	21.11.2023	functional testing
	22.11.2023	Validation
	23.11.2023	Coding
	24.11.2023	verification
	25.11.2023	Examinations