

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER Session-2022-2023

Discipline: Computer Science & Engg.

Semester: 5th Subject: Software Engineering

Name of the Teaching Faculty: P.K. SATAPATHY

Subject: SE No. of Days/per week class allotted 04Semester From Date: 15/9/22 To Date: 21/11/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
16/9/22	Introduction to SE	Introduction to SE	Prog & SW Engg.	RL
20/9/22	Emergence of SE & characteristics	Emergence of SE & char	SW appln characteristics history	RL
21/9/22	SDL, classical, Iterative model	SDL, classical, Iterative model	6 steps of model	RL
23/9/22	Prototyping model	Prototyping model	Drawback of waterfall model	RL
24/9/22	Evolutionary & Incremental	Evolutionary & Incremental	Reason for the same	RL
27/9/22	Spiral model	Spiral model	Details	RL
28/9/22	Proj. manager & Responsibility	Discussing	Models and drawback	RL
30/9/22	Project handling	working principles	Concepts	RL
1/10/22	matrices for project size estimation	Matrices for project size estimation	LOC and FP	RL
11/10/22	Analytical Tech.	Analytical Tech	Heuristic	RL
12/10/22	empirical	Empirical Tech.	Depth	RL

Subject: SE No. of Days/per week class allotted 04

Semester From Date: 15/9/22 To Date: 21/1/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
14/10/22	Heuristic Tech	Heuristic Tech	Basic COCOMO	Pr
15/10/22	Scheduling PERT, GANTT	COCOMO	COCOMO and Example	Pr
18/10/22	Scheduling PERT, GANTT	Scheduling PERT, GANTT	Activity M/W	Pr
19/10/22	Staffing	Staffing	Jensen model	Pr
21/10/22	Organization & Team	organization & team	organisation structure	Pr
22/10/22	Risk Analysis	Risk Analysis	Risk identification	Pr
26/10/22	Need for Req Analysis	Discussion	on project mgmt	Pr
28/10/22	Req. Analysis	Needs Reason	Prob. recog. model	Pr
29/10/22	Principles of Analysis	Principles of Analysis	Prototyping tools	Pr
11/11/22	SRS documents, Req. Gathering	SRS DOC Req. Gathering	what is SRS & Req. Gather	Pr
21/11/22	Content & Characteristics of SRS	content & characteristics of SRS	functional Requirement	Pr

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Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (In brief)	Signature of Teacher
4/10/22	organisation of SRS	organisation of SRS	Procedure	Per
9/11/22	Analysis of SRS	Analysis of SRS	Analysis of SRS	Per
12/11/22	Principle's Concept of S/W design	Discussion	Discussion on SRS docu ^t	Per
15/11/22	Principle of S/W design	S/W design	Imp. of S/W design concept	Per
16/11/22	Cohesion & its classification	cohesion & its classification	its need	Per
18/11/22	coupling and classification	coupling & classification	Need for Coupling	Per
19/11/22	S/W design approaches	S/W design approaches	function oriented design	Per
22/11/22	DFD cases & Symbols	DFD (case & symbols)	What is DFD	Per
23/11/22	Construction of DFD	Construction principle	Context diagram	Per
25/11/22	Structural chart & transformation	Structural chart & transformation	symbols, struct chart	Per
26/11/22	transform Analysis	transform Analysis	Input, Logical output	Per

Subject: SE No. of Days/per week class allotted 04

Semester From Date : 15/9/22 To Date : 21/1/23 No. of Weeks : 15





Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
29/11/22	Transaction Analysis	Transaction Analysis	Transaction Analysis	PR
30/11/22	OOD and function oriented	OOD and function oriented	object oriented	PR
2/12/22	UID & its role	Discussing	design Concepts	PR
3/12/22	UID & its role	UID & its role	What is UID	PR
6/12/22	UID model	UID model	uses, design,	PR
7/12/22	UID process	UID process	Design, const, validation	PR
9/12/22	Types of Interfaces	Types of Interfaces	activity issues	PR
10/12/22	menu based Interfacing	menu based Interfacing	Interface Concepts	PR
13/12/22	Command Lang. based Interfaces	Command Lang. based Interfaces	CL based Interfaces	PR
14/12/22	Direct text Interface	Direct text Interface	Direct text Interface	PR
16/12/22	GUI and text based Interface	GUI & text based Interface	GUI & text based Interface	PR

Subject: SE No. of Days/per week class allotted 04Semester From Date: 15/7/22 To Date: 21/1/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (In brief)	Signature of Teacher
17/12/22	Coding	discussing	discussing on interface design	RZ
20/12/22	Coding standard & its guidelines	Coding, std and its guidelines	its importance	RZ
21/12/22	code inspection	code inspection	code inspection	RZ
23/12/22	Unit, Integration & System testing	Unit, Integration & system testing	System testing	RZ
24/12/22	Black box testing	Black box testing	Black box testing	RZ
27/12/22	Boundary value & equiv class	Boundary value & equiv class	Boundary value & class	RZ
28/12/22	white box testing	white box testing	Conditioned cov. path cov.	RZ
30/12/22	Cyclomatic Complexity	Cyclomatic Complexity	cyclomatic complexity	RZ
31/12/22	Debugging Approaches	Debugging Approaches	Debugging Approaches	RZ
31/1/23	Integration, Incremental testing	Integration, Incremental testing	Testing	RZ
4/1/23	System testing stress testing	System testing stress testing	Testing	RZ

Subject: SE No. of Days/per week class allotted 04

Semester From Date: 15/9/22 To Date: 2/11/23 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (In brief)	Signature of Teacher
7/11/23	Revision class	Doubt clear	Doubt clear	
10/11/23	Doubt class	Doubt clear	Doubt clear	
11/11/23	Revision class	Doubt clear	Doubt clear	
13/11/23	Doubt class	PYQ Discuss	PYQ Discuss	
17/11/23	Revision class	PYQ Discuss	PYQ Discuss	
18/11/23	PYQ discuss	PYQ DISCUSS	PYQ DISCUSS	
21/11/23	PYQ discuss	PYQ DISCUSS	PYQ DISCUSS	