


RAAK COLLEGE OF ENGINEERING & TECHNOLOGY, PUDUCHERRY
LESSON PLAN

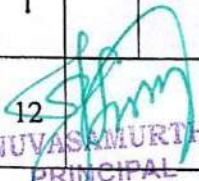
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	Sub Code : CS T54 Sub Name : LANGUAGE TRANSLATORS Branch : COMPUTER SCIENCE ENGINEERING Unit : I Semester: V Title : SYSTEM SOFTWARE AND MACHINE STRUCTURE (100% Theory)	LP Ver No: 01 Date: 21-09-22 Page: 01 of 06
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Objective: To introduce the System Software and Machine Structure


Session No	Topics to be covered	Period		Ref	Page No	Teaching Method	
		L	T				
1	Introduction: System programs	1		T1	1-3	GB	
2	Assembler, Interpreter, Operating system	1			3-16	GB	
3	Machine Structure	1			16-25	GB	
4	Instruction Set And Addressing Modes	1			25-31	GB	
5	Machine – Dependent	1			31-68	GB	
6,7	Machine Independent Assembler features	2			125-148	GB	
8,9	Assembler design	2			198-224	GB	
10	Two-Pass Assembler With Overlay Structure	1			223-244	GB	
11	One – Pass Assembler	1			152-164	GB	
12	Multi-Pass Assembler.	1			166-180	GB	
Evaluation: IA –I and Model Exam.		Total lecture hours			12		




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Format No.3b

	Sub Code : CS T54 Sub Name : LANGUAGE TRANSLATORS Branch : COMPUTER SCIENCE ENGINEERING Unit : II Title : LOADERS AND LINKERS	LP Ver No: 01 Date: 11-10-22 Page: 02 of 06
		Semester: V (100% Theory)

Objective: To understand the concept of Loaders and Linkers.


Session No	Topics to be covered	Period		Ref	Page No	Teaching Method	
		L	T				
13,14	Basic loader functions	2		T1	258-268	GB	
15	Machine – Dependent	1			269-275	GB	
16,17	Machine – Independent Loader Features	2			286-292	GB	
18,19	Loader design	2			302-317	GB	
20,21	Linkage editors	2			318-334	GB	
22	Dynamic Linking	1			340-378	GB	
23	Absolute Loaders	1			385-387	GB	
24	Bootstrap Loaders	1			388-390	GB	
Evaluation : IA –I and Model Exam		Total lecture hours					
		12					




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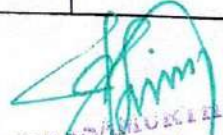
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	Sub Code : CS T54	LP Ver No: 01 Date: 28-10-22 Page: 03 of 06
	Sub Name : LANGUAGE TRANSLATORS	
	Branch : COMPUTER SCIENCE ENGINEERING	
	Unit : III	Semester: V
	Title : SOURCE PROGRAM ANALYSIS	(100% Theory)

Objective: To understand the concept of Source Program Analysis.


Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
25,26	Compilers	2		T1	397-416	GB
27,28	Analysis of the Source Program	2			424-431	GB
29	Phases of a Compiler	1			438-444	GB
30,31	Cousins of Compiler	2			449-452	GB
32,33	Grouping of Phases	2			457-464	GB
34	Role of Lexical Analyzer	1			465-489	GB
35	Input Buffering	1			490-492 603-610	GB
36	Specification of Tokens, Recognition of Tokens	1			611-625	GB
Evaluation : IA -II and Model Exam		Total hours	12			




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Format No.3b

	Sub Code : CS T54 Sub Name : LANGUAGE TRANSLATORS Branch : COMPUTER SCIENCE ENGINEERING	LP Ver No: 01 Date: 15-11-22 Page: 04 of 06
	Unit : IV Title : PARSING	Semester: V (100% Theory)

Objective: To understand the concept of parser and intermediate code generator.

Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
37	Role of Parser	1		T1	498-520	GB
38	Context free Grammars	1			522-530	GB
39	Writing a Grammar	1			533-540	GB
40,41	Predictive Parser , LRParser	2			548-556	GB
42,43	Intermediate Languages, Declarations	2			557-568	GB
44,45	Assignment Statements , Boolean Expressions	2			579-585	GB
45,46	Case Statements , Back Patching	2			586-592	GB
47	Procedure Calls	2			593-599	GB
Evaluation : IA -II and Model Exam		Total lecture hours			12	





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Format No.3b

	Sub Code : CS T54 Sub Name : LANGUAGE TRANSLATORS Branch : COMPUTER SCIENCE ENGINEERING Unit : V Title : BASIC OPTIMIZATION	LP Ver No: 01 Date:) - 12 - 22 Page: 05 of 06
	Semester: V (100% Theory)	

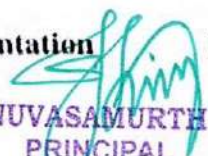
Objective: To understand the concept of Basic optimization and Code Generation.

Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
48,49	Constant-Expression Evaluation – Algebraic Simplifications	2		T3	1-25	GB
50,51	Reassociation– Copy Propagation	2			26-28	GB
51,52	Common Sub-expression Elimination	2			29-38	GB
53,54	Loop Invariant CodeMotion – Induction Variable Optimization	1			39-40	GB
55	Issues in the Design of Code Generator	1			41-50	GB
56	The Target Machine	1			51-65	GB
57	RuntimeStorage management	1			65-66	GB
58	Next-use Information,	1			66-67	GB
59	A simple Code Generator	1			67-69	GB
60	DAG Representation of Basic Blocks	1			69-71	GB
61,62	Peephole Optimization – Generating Code from DAGs.	1			71-73	GB
Evaluation : Model Exam		Total lecture hours		14		

GB – Glass Board

PPT – Power Point Presentation IM-Innovative Method




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Course Delivery Plan:

Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Units		I		II		III		IV		IA2	V	REV. CLASS + MODEL EXAM			

References:

Text Books:


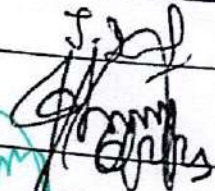
1. Alfred Aho, V. Ravi Sethi, and D. Jeffery Ullman, "Compilers Principles, Techniques and Tools", Addison-Wesley, Second Edition, 2006.
2. Leland L. Beck, "System Software – In Introduction to System Programming", Addison-Wesley, 1990.

Reference Books:

1. Allen Holub, "Compiler Design in C", Prentice-Hall of India, 1990.
2. Charles N. Fischer and Richard J. Leblanc, "Crafting a Compiler with C", Benjamin Cummings, 1998.
3. Steven S. Muchnick, "Advanced Compiler Design Implementation", Morgan Koffman, 1997.
4. Damdhare, "Introduction to System Software", McGraw Hill, 1986.

Website:

- Website: 1. <http://freevidelectures.com/Course/3051/Compiler-Design>
 2. <http://www.dreamincode.net/forums/topic/260592-an-introduction-to-compilerdesign-part-i-lexical-analysis/>

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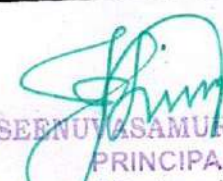
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	Sub Code : CS T61	LP Ver No: 01
	Sub Name : ENTERPRISE SOLUTIONS	Date: 1.3.23
Branch : COMPUTER SCIENCE ENGINEERING	Unit : I	Semester: VI
Title : ERP AND ITS TECHNOLOGY (100% Theory)		Page: 01 of 06

Objective: To understand the basics of Enterprise Resource Planning and its related technology.


Session No	Topics to be covered	Period		Ref	Page No	Teaching Method	
		L	T				
1,2	ERP –Definition, Concepts, Fundamental Component And Needs Of ERP	2		O1	3-60	GB	
3	Advantages	1				GB	
4	Implementation of ERP	1			181-345	GB	
5	Key issues and typical architecture component of ERP	1				GB	
6	ERP related technologies – Business Process Re-engineering	1			73-168	GB	
7, 8	Management Information System, Decision Support System	2				GB	
9,10	Executive support system, on-line analytical processing	2				GB	
11, 12	Supply chain management, Customer Relationship Management	2				GB	
Evaluation: IA –I and Model Exam.		Total lecture hours	12				




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LESSON PLAN


Format No.3b

	Sub Code : CS T61 Sub Name : ENTERPRISE SOLUTIONS Branch : COMPUTER SCIENCE ENGINEERING Unit : II Title : SAP, ABAP/4	LP Ver No: 01 Date: 16-3-23 Page: 02 of 06
	Semester: VI (100% Theory)	


Objective: To understand the concepts of SAP and ABAP/4.

Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
13, 14	SAP : History – SAP R/2 – SAP R/3 – Characteristics of SAP R/3	2		O3	78-84	GB
15	Architecture of SAP R/3	1			78-83	GB
16,17	SAP Modules, NetWeaver, Customer Relationship Management, Business Warehouse, Advanced Planner and Optimiser	2			83-85	GB
					1-17	GB
18, 19	ABAP/4: Workbench - Workbench Tools	2		A1, A2	24-29	GB
20	ABAP/4 Data Dictionary - ABAP/4 Repository Information	1			30-33	GB
21	Structure of ABAP/4 program -	1			52-76	GB
22	ABAP/4 syntax – Data types – Constants and Variables	1			83-103	GB
23, 24	Statements: DATA, PARAMETERS, TABLE, MOVE, MOVE-CORRESPONDING, CLEAR, WRITE, CHECK, FORMAT. LOOP STRUCTURES. Sample programs.	2			78-84	GB
Evaluation : IA –I and Model Exam		Total lecture hours	12			




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	Sub Code : CS T61	LP Ver No: 01
	Sub Name : ENTERPRISE SOLUTIONS	
Branch : COMPUTER SCIENCE ENGINEERING	Semester: VI	Page: 03 of 06
Unit : III	(100% Theory)	
Title : ORACLE		

Objective: To understand the concepts of oracle, oracle database and fundamentals of SQL/ PSQL.

Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
25, 26	Oracle Suite : Oracle Apps 11i	2		R1	112-135	GB
27	Application Framework	1		R2,R3	151-184	GB
28	File System	1			192-211	GB
29	Workflow Analysis	1		R4	215-225	GB
30, 31	SQL / PLSQL fundamentals - Creating Forms - Oracle Reports	2		O2	270-293	GB
32, 33	Oracle Electronic Data Interchange – functions of EDI	2		R5	295-301	GB
34	Data File Structure	1			310-311	GB
35, 36	Oracle Data, Oracle Database - Oracle Database - DW vs OLTP - DW Connectors	2			237-263	GB
Evaluation : IA –II and Model Exam		Total hours		12		





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Format No.3b

	Sub Code : CS T61 Sub Name : ENTERPRISE SOLUTIONS Branch : COMPUTER SCIENCE AND ENGINEERING Unit : IV Title : PEOPLESOFT	LP Ver No: 01 Date: 15-4-23 Page: 04 of 06
	Semester: VI (100% Theory)	

Objective: To understand the concept of Peoplesoft, Peoplesoft HRMS database and Peoplesoft Products.


Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
37, 38	PeopleSoft: Basic PeopleSoft Functionality	2		P1	324-328	GB
39	Opening Multiple Windows.	1			334-340	GB
40	Database structure	1			340-343	GB
41, 42	Understanding People Soft Data Mover – Records - Pages vs. Forms.	2			343-344	GB
43, 44	PeopleSoft HRMS: Introduction to PeopleSoft HRMS database	2		P2	357-368	GB
45	PeopleSoft products.	1			369-372	GB
46	Functional PeopleSoft	1			375-381	GB
47	Financial management system	1			372-374	GB
48	PeopleSoft Enterprise HRMS	1			382-384	GB
Evaluation : IA –II and Model Exam		Total lecture hours		12		




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LESSON PLAN

Format No.3b

	Sub Code : CS T61	LP Ver No: 01
	Sub Name : ENTERPRISE SOLUTIONS	
	Branch : COMPUTER SCIENCE ENGINEERING	Page: 05 of 06
	Unit : V	Semester: VI
	Title : SIEBEL	(100% Theory)

Objective: To understand the concept of Siebel enterprise application , ebusiness application and Siebel tools.

Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
49, 50	Siebel Enterprise Applications	2		S1	395-406	GB
51, 52	Siebel ebusiness Applications	2			407-416	GB
53	Siebel Tools	1		S2	452	GB
54	Tables and Columns	1		S3	453-456	GB
55	Business Component	1			457	GB
56, 57, 58	Business Objects – Applets – Joins – Links – Views – Screens.	3			457-458	GB
59, 60	Configuring applications	2			458	GB
Evaluation : Model Exam		Total lecture hours		12		

GB – Glass Board

PPT – Power Point Presentation

IM-Innovative Method

Course Delivery Plan:

Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Units	I		II		IA1	III		IV		IA2	V		REV CLASS		MODEL EXAM



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References:

Text Books:

1. V.K. Garg and N.K. Venkatkrishnan, ERP Concepts and Planning, PHI, 2004.
2. SAP ABAP/4, Black Book, Dream Tech Press, 2012.
3. Oracle EDI Gateway User guide, Oracle Corporation.
4. Jim J. Marion, PeopleSoft People Tools: Tips and Techniques, Oracle Press, 2010.
5. Rishi Kumar Shrivastava, Siebel CRM 8.1: Navigation and Configuration, TMH, 2012.

Reference Books:

1. Chrispopher Allen, Oracle Database PL/SQL, TMH, 2004.
2. Paula Dean and Jim J. Marion, PeopleSoft PeopleTools: Data Management and Upgrade Handbook, Oracle Press, 2013.

Other Reference Book

1. Alexis Leon, ERP Demystified, Tata McGraw Hill, 2012
2. Michael McLaughlin, oracle database 11g PL/SQL Programming, McGraw Hill.
3. Jose Antonio Hernandez, Jim Keogh, Franklin Martinez, SAP R/3 Handbook, third edition, McGraw-Hill

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SAP ABPA

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2. http://www.learnsap.com/pdf/abap_sample.pdf

Oracle

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2. http://docs.oracle.com/cd/B11454_03/acrobat/115devg.pdf
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5. https://docs.oracle.com/cd/E13781_01/jded/acrobat/e190ADI-B0908.pdf

PeopleSoft

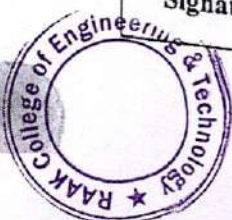
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SIEBEL:

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2. https://docs.oracle.com/cd/E14004_01/books/PDF/UsingTools.pdf
3. https://docs.oracle.com/cd/E05554_01/books/PDF/ToolsRef.pdf


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LESSON PLAN

Format No. 3b

	Sub Code : IT T53	LP Ver No: 01 Page: 01 of 06
	Sub Name : OPERATING SYSTEMS	
	Branch : INFORMATION TECHNOLOGY	
	Unit : I	
	Title : INTRODUCTION	Semester: V (100% Theory)

Objective: To grasp a fundamental understanding of operating systems.

Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
1	Introduction: Mainframe systems	1		T1	1-3,	GB
2	Desktop system- Multiprocessor system	1			3-6	GB
3	Distributed system- Clustered system	1			6-9	GB
4	Real time System – Hardware protection	1			10-15	GB
5	System Components	1			16	GB
6	Handheld Systems - OS Services	1			17-19	GB
7	System Calls – System Programs	1			20-23	GB
8	Process concept – Process Scheduling	1			24-27	GB
9	Operations on Processes	1			28-33	GB
10	Co-operating Process – Inter process Communication	1			35	GB
Evaluation: IA I and Model Exam		Total lecture hours		10		




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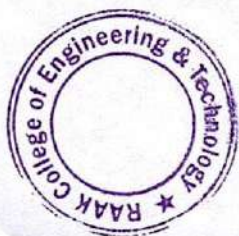
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Format No.3b

	Sub Code : IT T53	LP Ver No: 01 Page: 02 of 06
	Sub Name : OPERATING SYSTEMS	
	Branch : INFORMATION TECHNOLOGY	
	Unit : II	
	Title : THREADS	
Semester: V (100% Theory)		

Objective: To learn the concepts and creation computer processes and threads.

Session No	Topics to be covered	Period		Ref	Page No	Teac Met
		L	T			
11	Threads- overview- threading issues	1		T1	36-39	Gr
12	CPU scheduling	1			40-42	Gr
13	Basic Concept – Scheduling Criteria	1			43-44	Gr
14	Scheduling Algorithm	1			45-47	GB
15	Multiple Processor Scheduling	1			48-53	GB
16	Realtime Scheduling	1			53-55	GB
17	The Critical- section problem	1			56	GB
18	Synchronisation Hardware	1			57	GB
19	Semaphore	1			58	GB
20	Classic problems of Synchronization	1			59-64	GB
21	Critical regions	1			65-68	GB
22	Monitors	1			69	GB
Evaluation: IA I and Model Exam		Total lecture hours		12		




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LESSON PLAN

Format No.3b



Sub Code : IT T53

Sub Name : OPERATING SYSTEMS

Branch : INFORMATION TECHNOLOGY

Unit : III

Semester: V

Title : DEADLOCK

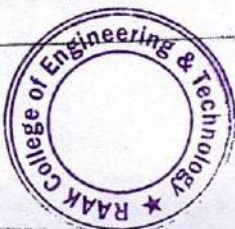
(100% Theory)

LP Ver No: 01

Page: 03 of 06

Objective: To understand memory management and virtual memory concepts in modern OS.

Session No	Topics to be covered	Period		Ref	Page No	Teaching Method	
		L	T				
23	System Model – Deadlock characterisation	1		TI	70-74	GB	
24	Methods for handling deadlocks	1			74-77	GB	
25	Deadlock Prevention	1			78-80	GB	
26	Deadlock avoidance	1			80-82	GB	
27	Deadlock detection – recovery from deadlock	1			83-87	GB	
28	Storage Management - swapping	1			88	GB	
29	Contiguous Memory allocation	1			89-94	GB	
30	Paging - Segmentation	1			95-97	GB	
31	Segmentation with paging	1			98-104	GB	
32	Virtual Memory – demand Paging	1			105-109	GB	
33	Process Creation – Page replacement	1			110-115	GB	
34	Allocation of frames - Thrashing	1			116-117	GB	
Evaluation: IA II and Model Exam		Total lecture hours			12		




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Format No.3b

	Sub Code : IT T53	I.P.Ver No: 01 Page: 04 of 06
	Sub Name : OPERATING SYSTEMS Branch : INFORMATION TECHNOLOGY Unit : IV Title : FILE STRUCUTRE	

Objective: To understand process concurrency and synchronization.

Session No	Topics to be covered	Period		Ref	Page No	Tea Me
		L	T			
35	File concept – access methods	1		T1	118-120	GB
36	Directory structure – file system mounting	1			121-126	GB
37	File sharing - protection	1			127-130	GB
38	File system structure – file system Implementation	1			131-134	GB
39	Directory implementation	1			135-137	GB
40	Allocation Methods - Free space management	1			138-141	GB
41	Kernel I/O Subsystems	1			142-143	GB
42	Disk structure	1			144-147	GB
43	Disk scheduling – disk management	1			148-152	GB
44	Swap space Management	1			153	GB
Evaluation: IA II and Model Exam		Total lecture hours		10		




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RAAK COLLEGE OF ENGINEERING & TECHNOLOGY, PUDUCHERRY

LESSON PLAN

Format No 3b

	Sub Code : IT T33	LP Ver No: 01
	Sub Name : DATA STRUCTURES	
Branch : INFORMATION TECHNOLOGY	Semester: III	Page: 05 of 06
Unit : V	(100% Theory)	
Title : HASHING & GRAPH		

Objective: To understand the concepts of Hashing and Graph.

Session No	Topics to be covered	Period		Ref	Page No	Teaching Method
		L	T			
43	Hashing : introduction	1		T1	208	GB
44	Hash function methods	1			210-212	GB
45	Hash table implementation	1			213-217	GB
46	rehashing	1			218-222	GB
47	Graph: directed & undirected	1			223-227	GB
48	Representation of graphs	1			228-234	GB
49	Graph traversals: Depth first search	1			235-245	GB
50,51	Breadth first search, Transitive closure	2			246-251	GB
52,53,54	Spanning trees, applications, Topological sorting	3			252-272	GB
Evaluation: Model Exam		Total lecture hours		12		

Course Delivery Plan:

Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Units	I		II		IA1	III	IV			IA2	V	REV. CLASS + MODEL EXAM			



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RAAK COLLEGE OF ENGINEERING & TECHNOLOGY, PUDUCHERRY

LESSON PLAN

Format No 36

Content beyond the Syllabus:

1. Introduction to Multiprocessor, Network and Distributed Operating Systems.

References:

Text Books:

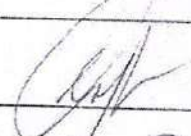
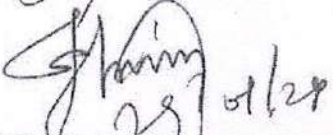
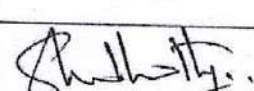
1. Abraham Silberschatz, Peter Baer Galvin and Greg Gagne, Operating System Concepts, Seventh Edition, John Wiley & Sons (ASIA) Pvt. Ltd, 2005.
2. Harvey M. Deitel, Paul J. Deitel, and David R. Choffnes, Operating Systems, Third Edition, Prentice Hall, 2001.

Reference Books:


1. William Stallings, Operating System, Prentice Hall of India, 6th Edition, 2009.
2. Harvey M. Deitel, Operating Systems, Second Edition, Pearson Education Pvt. Ltd, 2002.
3. Gary J. Nutt, Operating Systems: A Modern Perspective, Second Edition, Addison Wesley, 2001.
4. A. Tannenbaum, Modern Operating Systems, 2nd Edition, Prentice Hall, 2001.
5. Charles Crowley, Operating System, A Design-Oriented Approach, Tata McGraw-Hill, 1999.

Other References:

1. <http://www.tcyonline.com/tests/operating-system-concepts>
2. <http://www.galvin.info/history-of-operating-system-concepts-textbook>
3. <http://www.ittestpapers.com/operating-system-concepts>

	Faculty Incharge	Approved by	Signature
Name	Ms.S. MADUVANTHI	HOD	
Designation	AP/IT	PRINCIPAL	 28/01/20
Signature			




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Name : Mrs. D. THAMUZHISNI
Designation : ASSISTANT PROFESSOR
Department : CSE

Academic Year : 2022 - 2023

Branch : CSE

Semester : VI From : Mar '23 To : JUNE '23

Subject Code : CST61

Subject Title : ENTERPRISE SOLUTIONS

Number of Students Registered : 28

Number of Students Passed :

Percentage of Pass :




Initial of	End of 1 st Month	End of 2 nd Month	End of 3 rd Month	End of the Semester
Staff in-charge				
HOD				
PRINCIPAL				

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Lesson Plan

Sl. No.	Date of Class / Topic	Topic Covered	Faculty Signature
1	22/10	ERP Definition - Scenarios	[Signature]
2	23/10	Fundamentals - Need for ERP	[Signature]
3	24/10	Advantages of ERP	[Signature]
4	25/10	Implementation of ERP - Key issues	[Signature]
5	26/10	Classification of ERP ^{Types} _{Implementation}	[Signature]
6	27/10	ERP System Architecture	[Signature]
7	28/10	ERP and related technologies	[Signature]
8	29/10	Business Process Re-engineering	[Signature]
9	30/10	Management Information System	[Signature]
10	31/10	Decision Support System	[Signature]
11	01/11	Executive Support System	[Signature]
12	02/11	On-Line Analytical Processing	[Signature]
13	03/11	Supply Chain management	[Signature]
14	04/11	Business relationship management	[Signature]
Unit - II			
15	05/11	History of SAP R/3, SAP S/4	[Signature]
16	06/11	Characteristics of SAP R/3 Modules	[Signature]
17	07/11	Installation and maintenance of SAP	[Signature]
18	08/11	Business process flow in SAP	[Signature]
19	09/11	Integration of SAP with other systems	[Signature]
20	10/11	Future of SAP	[Signature]




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S.No.	Date of Class Handled	Topics Covered	Faculty Signature
8	9.3.23 (5)	ARAP/4 Syntax - Data Types	DR
9	10.3.23 (1)	Constants, Variables - Statements	DR
10	10.3.23 (3)	Data, Parameters, Table, move	DR
11	13.3.23 (4)	move corresponding, class, write	DR
12	14.3.23 (1)	check format, loop structure, program	DR
		UNIT - III	
1	16.3.23 (1)	ORACLE SUITE - Oracle Apps 11i	DR
2	16.3.23 (5)	Application Framework - File System	DR
3	16.3.23 (6)	Workflow analysis	DR
4	17.3.23 (1)	SQL/PL SQL fundamentals	DR
5	18.3.23 (1)	Creating forms - Oracle Reports	DR
6	18.3.23 (2)	Oracle Electronic Data Interchange	DR
7	18.3.23 (4)	Functions w/ EDT	DR
8	18.3.23 (7)	Data file structure	DR
9	20.3.23 (3)	Oracle Data	DR
10	20.3.23 (4)	Oracle Database	DR
11	21.3.23 (1)	DW vs OLTP	DR
12	21.3.23 (7)	DW connectors	DR
		UNIT - IV	
1	22.3.23 (3)	People soft	DR
2	23.3.23 (4)	Basic People	DR

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S.No	Date of Class Handled	Topics Covered	Faculty Signature
3	23.3.23(1)	Opening multiple windows	[Signature]
4	23.3.23(4)	Database Structure	[Signature]
5	23.3.23(5)	Understanding People soft Data models	[Signature]
6	24.3.23(1)	Records	[Signature]
7	27.3.23(5)	People Soft HRMS	[Signature]
8	3.4.23(4)	Introduction to people soft	[Signature]
		HRMS Database	[Signature]
9	5.4.23(4)	People soft Products	[Signature]
10	6.4.23(5)	Functional People soft.	[Signature]
11	10.4.23(3)	Financial management System	[Signature]
12	11.4.23(17)	People soft Enterprise HRMS	[Signature]
		UNIT-V	
1	12.4.23(4)	Siebel Enterprise Applications	[Signature]
2	13.4.23(5)	Siebel Business Applications	[Signature]
3	15.4.23(2)	Siebel Tools	[Signature]
4	17.4.23(4)	Tables and Columns	[Signature]
5	18.4.23(1)	Business Component	[Signature]
6	19.4.23(4)	Business Objects	[Signature]
7	20.4.23(5)	Applets	[Signature]
8	20.4.23(5)	Joins - Links	[Signature]
9	25.4.23(1)	Views	[Signature]
10	25.4.23(1)	Sequences	[Signature]


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Name : G. Velvizhi
Designation : Assistant Professor
Department : CSE

Academic Year : 2022 - 2023

Branch : CSE

Semester : V From: October To: January

Subject Code : CS.T54.

Subject Title : Language Translator

Number of Students Registered : 28

Number of Students Passed : ..

Percentage of Pass : ..

	Oct 22	NOV 22	December 22	Jan 23
Initial of	End of 1 st Month	End of 2 nd Month	End of 3 rd Month	End of the Semester
Staff in - charge	G.V	G.V	G.V	G.V
HOD	[Signature]	[Signature]	[Signature]	[Signature]
PRINCIPAL	[Signature]	[Signature]	[Signature]	[Signature]



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Lesson Plan

S.No.	Date of Class Handled	Topics Covered	Faculty Signature
		Unit - I	
1.	21-09-2022	Introduction selection of Topic	G.V
2.	21-09-22	Translator and SW briefly	G.V
3.	23-09-22	Briefly of Machine Architecture	G.V
4.	23-09-22	Types of Architecture of (SIC) Briefly	G.V
5.	26-09-22	Architecture of SIC/XE Briefly	G.V
6.	27-09-22	SIC/XE Architecture of Types Briefly	G.V
7.	28-09-22	Assemblers briefly introduction	G.V
8.	30-09-22	Assemblers Types a) machine independent architecture	G.V
9.	01-10-22	Assemblers Types a) machine independent architecture Introduction	G.V
10.	06-10-22	Assemblers Types (b) machine dependent.	G.V
11.	07-10-22	machine dependent Problems	G.V
12.	10-10-22	one pass assembler + two pass assembler.	G.V

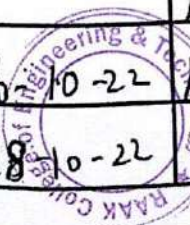


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Lesson Plan

S.No.	Date of Class Handled	Topics Covered	Faculty Signature
13.	11-10-22	Unit - II	
		Loader and Linkers + Disks	
		Loader -	G. J.
14.	12-10-22	Linker: Introduction of Linker and types	G. J.
15.	13-10-22	Bootstrap loader of working steps in application	G. J.
16.	15-10-22	Machine Independent Loaders and Machine dependent loader.	G. J.
17.	17-10-22	Loader Design. Option of loader and linker.	G. J.
18.	18-10-22	Machine Independent loader features	G. J.
19.	19-10-22	Assembler design option in details of application	G. J.
20.	20-10-22	Unit - III	
		Analysis of Source Program of Loader	G. J.
21.	21-10-22	Analys of Source Program of Loader Some Applications	G. J.
22.	26-10-22	Language Processing System	G. J.
23.	28-10-22	Compiles of the loader & linker	G. J.

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Lesson Plan

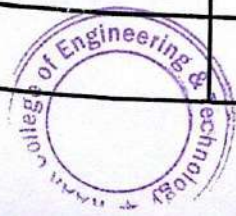
S.No.	Date of Class Handled	Topics Covered	Faculty Signature
24	31-10-22	Components of compiler / loader and its types.	G. Vish
25	01/11/22	Grouping of phases & compiler construction tools	G. V
26	02/11/22	Lexical Analysis, Role of lexical analyzer.	G. V
27	03/11/22	Input buffering, Specification of Tokens	G. V
28	4/11/22	Recognition of Tokens, A language for specifying lexical analyzer	G. V
Unit - IV			
29	7/11/22	Parsing - Role of parser.	G. V
30	8/11/22	Context free Grammars, Writing a Grammar	G. V
31	9/11/22	Predictive parser, LR Parser.	G. V
32	10/11/22	Intermediate code Generation.	G. V
33	14/11/22	Intermediate Language Declarations	G. V
34	16/11/22	Assignment statement, Boolean expression	G. V
35	17/11/22	Case statement, Block patching, Calls, Procedure	G. V
Unit - V			
36	18/11/22	constant expression evaluation.	G. V
37	19/11/22	Algebra simplification & Reassociation	G. V
38	21/11/22	Copy propagation, Common Expression Elimination	G. V
39	22/11/22	Code Generation, Design code Issues in group of	G. V



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Lesson Plan

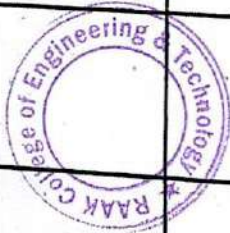
S.No.	Date of Class Handled	Topics Covered	Faculty Signature
40	22/11/22	Target Machine, Run time management	G. J. J.
41	24/11/22	Next use information; A code generator	G. J. J.
42	28/11/22	DAAG Representation of basic blocks	G. J. J.
43	30/11/22	Peephole optimization and generating code from DAGS.	G. J. J.
44	14/12/22	Analysis of source prgm and loader.	} G. J. J.
45	14/12/22	various types of source Application.	
46	16/12/22	language processing system.	G. J. J.
47	16/12/22	compile the loader & linker.	G. J. J.
48	17/12/22	Grouping of phases.	G. J. J.
49	17/12/22	compiler construction tools	G. J. J.
50	17/12/22	types of compiler / loader.	G. J. J.
51	20/12/22	Revision - compiler construction tools.	G. J. J.
52	20/12/22	Revision- lexical Analysis.	G. J. J.
53	21/12/22	Revision- Role of lexical Analysis.	G. J. J.
54	21/12/22	Revision- Input Buffering	G. J. J.
55	23/12/22	Revision- Specification of tokens.	G. J. J.
56	23/12/22	Revision- Recognition of tokens.	G. J. J.
57	23/12/22	Revision- language Specifying lexical analysis.	G. J. J.
58	27/12/22	Revision- compiler loader / source program.	G. J. J.
59	27/12/22	Revision- Construct the loader and types.	G. J. J.
60	28.12.2022	Revision - language processing system / compiler construction.	G. J. J.

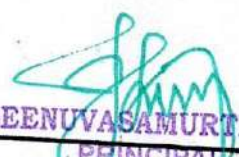


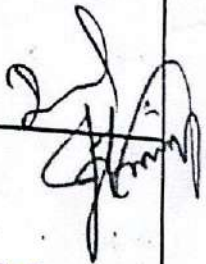
G. J. J.
 Principal

Assignment Given

S.No.	Date of	Title
1	28-09-22	OPCode, Binary Decimal & hexadecimal
2		tables + logcode. 27.
3	11-11-22	Basic Loader option
4	29-11-22	phases of compiler
5	19-12-22	Boolean Expression
6		
7		
8		
9		
10		
11		
12		




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Name : S. MADUVANTHI
Designation : ASSISTANT PROFESSOR
Department : INFORMATION TECHNOLOGY

Academic Year : 2022 - 2023

Branch : INFORMATION TECHNOLOGY

Semester : V From: SEP'22 To: JAN'23

Subject Code : ITT53

Subject Title : OPERATING SYSTEMS

Number of Students Registered : 19

Number of Students Passed :

Percentage of Pass :

Initial of	End of 1 st Month	End of 2 nd Month	End of 3 rd Month	End of the Semester
Staff in - charge	S. Madhvi	S. Madhvi	S. Madhvi	S. Madhvi
HOD	[Signature]	[Signature]	[Signature]	[Signature]
PRINCIPAL	[Signature]	[Signature]	[Signature]	[Signature]



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Reg. No.	Name	Date		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16															
		Month	Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
20TH0251	ARUNADEVI .K	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0252	ASHOK KUMAR .R	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0253	DHARANI RASAN .R	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0254	TESIKTHA MARY .D	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0255	LOMESH .M	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0256	MANABHED DHOURE .A	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0257	MOHANDASS .T	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0258	HONIKR .M	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0259	MUTHAZHIGAN .S	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0260	PRETHESHWARAN .S	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0261	PRYANKA .H	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0262	SARATHI YUVARAT .V	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0263	SOMNIDYA .KK	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0266	YASMINI .K	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0271	RODGA RAYYA .DR	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0271	EZHILARASI .R	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0271	GOWSIKA .A	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0271	MALIKBASHA .K	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20TH0271	THALAPATYUGATHAN .K	03	02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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Sl	Model	Attendance		Internal Marks
		Others	Total	
1	2	AV		
2	3	AV		
3	4	AV		
4	5	AV		
5	6	AV		
6	7	AV		
7	8	AV		
8	9	AV		
9	10	AV		
10	11	AV		
11	12	AV		
12	13	AV		
13	14	AV		
14	15	AV		
15	16	AV		
16	17	AV		
17	18	AV		
18	19	AV		
19	20	AV		
20	21	AV		
21	22	AV		
22	23	AV		
23	24	AV		
24	25	AV		
25	26	AV		
26	27	AV		
27	28	AV		
28	29	AV		
29	30	AV		

Sl	Model	Attendance	Others	Total	Internal Marks
1	2	AV			
2	3	AV			
3	4	AV			
4	5	AV			
5	6	AV			
6	7	AV			
7	8	AV			
8	9	AV			
9	10	AV			
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22	23	AV			
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25	26	AV			
26	27	AV			
27	28	AV			
28	29	AV			
29	30	AV			



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[Handwritten signature]

Lesson Plan

S.No.	Date of Class Handled	Topics Covered	Faculty Signature
UNIT - I			
1.	23/9/22	Introduction operating	SR
2.	23/9/22	System and OS	SR
3.	23/9/22	Concept	SR
4.	26/9/22	Types of OS and Mainframe	SR
5.	27/9/22	Desktop, Multiprocessor, Distributed	SR
6.	30/9/22	Cluster and Real Time	SR
7.	30/9/22	Handheld System	SR
8.	7/10/22	Hardware Predictions	SR
9.	7/10/22	System components	SR
10.	8/10/22	OS services	SR
11.	8/10/22	System calls	SR
12.	10/10/22	System Program	SR
13.	11/10/22	Process concept	SR
14.	12/10/22	Process Scheduling	SR
15.	12/10/22	operation on Processes	SR
16.	14/10/22	Cooperation Processes	SR
17.	14/10/22	InterProcess Communication	SR
UNIT - II			
1.	14/10/22	Thread and Processes.	SR
2.	15/10/22	Thread issues and Scheduling	SR

Lesson Plan

S.No.	Date of Class Handled	Topics Covered	Faculty Signature
3.	17/10/22	Basic concepts and Scheduling criteria	SR
4.	17/10/22	Scheduling Algorithm.	SR
5.	18/10/22	Multiple - Processors Scheduling	SR
6.	18/10/22	Real Time Scheduling	SR
7.	20/10/22	The critical Section Problem.	SR
8.	20/10/22	Synchronization Hardware	SR
9.	21/10/22	Semaphore and classic Problems of Synchronization	SR
10.	26/10/22	Critical Regions and Monitors.	SR
UNIT - III			
1.	27/10/22	System Model and Deadlock characterization	SR
2.	28/10/22	Methods for handling Deadlock, Deadlock Prevention	SR
3.	29/10/22		
4.	31/10/22		



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Dr. Suresh Kumar

Lesson Plan

S.No.	Date of Class Handled	Topics Covered	Faculty Signature
5.	3/11/22	Storage Management and Swapping	SR
6.	7/11/22	Contiguous Memory Allocation	SR
7.	8/11/22	Paging / Segmentation	SR
8.	10/11/22	Segmentation with Paging	SR
9.	14/11/22	Virtual Memory and Demand Paging	SR
10.	15/11/22	Process Creation / Page Replacement / Thrashing	SR
UNIT - IV			
1.	16/11/22	File concept / Access Methods	SR
2.	18/11/22	Directory Structure and File System Mounting	SR
3.	21/11/22	File System Structures / File System Implementation	SR
4.	22/11/22	Directory Implementation Allocation Methods and Free Space Management	SR
5.	23/11/22	Kernel I/O Subsystems Disk Structure	SR



Lesson Plan

S.No.	Date of Class Handled	Topics Covered	Faculty Signature
6.	24/11/22	Disk Scheduling	SR
7.	25/11/22	Disk Management and Swp.	SR
8.	28/11/22	Space Management	SR
UNIT - V			
1.	29/11/22	linux Overview	SR
2.	30/11/22	kernel Architecture	SR
3.	14/12/22	Process, memory file & I/O management	SR
4.	14/12/22	Interprocess communication	SR
5.	14/12/22	Security - Window XP	SR
6.	16/12/22	System Architecture	SR
7.	16/12/22	System Management mechanism	SR
8.	17/12/22	I/O subsystem, Security	SR
9.	20/12/22		SR

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COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)
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RAAKCET/PRINCIPAL/CIR/MARCH 2023

20.03.2023

CIRCULAR

It is to be informed that the Class Committee Meeting for II, III & IV years of Mechanical Engineering Students is scheduled on 24.03.2023 in Seminar Hall.


PRINCIPAL


Circulation to:

1. All Students
2. All faculty & Staff members
3. All HoDs

Copy to:

1. All HoDs




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Class Committee Meeting					
Department	Mechanical Engineering	CCM Number (Tick)	<input checked="" type="checkbox"/> One	<input type="checkbox"/> Two	<input type="checkbox"/> Three
Year / Semester	II / III	Academic year	2022- 2023 (Even Semester)		
Venue	Seminar Hall	Date	24.03.2023		
I. Members Present					
Sl.No.	Name and Designation	Position in the Class Committee	Signature		
1	Mr.G.Krishnakumar AP & HOD/MECH	Chair Person (HOD)			
2	Mr.R.Gokulakrishnan AP/MECH	Faculty Member			
3	Mr.C.Silambarasan AP/MECH	Convenor (Faculty Advisor)			
4	Rohit Bruno.K	Student Member(CR)			
5	Arasukumar.S	Student Member			
6	Karan .P	Student Member			

II. Minutes (Point discussed in the meeting)

1. Students were instructed to be punctual for their classes and to maintain the proper dress code
2. Students must be attentive in the class room and laboratory classes
3. Students were asked to improve their academic performance
4. Retest will be conducted only for the students who are obtained prior permission from the concerned faculty members.
5. Students were advised to intimate the respective faculty advisor for any remedial classes

HOD



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DEPARTMENT OF MECHANICAL ENGINEERING					
Class Committee Meeting					
Department	Mechanical Engineering	CCM Number (Tick)	<input checked="" type="checkbox"/> One	<input type="checkbox"/> Two	<input type="checkbox"/> Three
Year / Semester	III / V	Academic year	2022- 2023 (Even Semester)		
Venue	Seminar Hall	Date	24.03.2023		
I. Members Present					
Sl.No.	Name and Designation	Position in the Class Committee	Signature		
1	Mr.G.Krishnakumar AP & HOD/MECH	Chair Person (HOD)			
2	Mr.V.Athisakthidhasan AP/MECH	Faculty Member			
3	Mr.A.S.Vijayanathan AP/MECH	Convenor (Faculty Advisor)			
4	Harisudhan D	Student Member(CR)			
5	Ritheeshkumar R	Student Member			
6	Amaresh V	Student Member			

II. Minutes (Point discussed in the meeting)

1. Students were instructed to be punctual for their classes and to maintain the proper dress code
2. Students are advised to make best use of value added courses
3. Students were asked to actively participate in inter college paper presentation
4. Students are advised to prepare well for internal exams
5. Students must be attentive in the class room and laboratory classes

HOD

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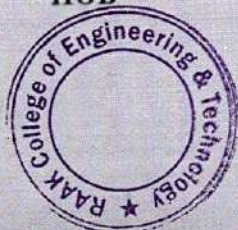
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DEPARTMENT OF MECHANICAL ENGINEERING					
Class Committee Meeting					
Department	Mechanical Engineering	CCM Number (Tick)	<input checked="" type="checkbox"/> One	<input type="checkbox"/> Two	<input type="checkbox"/> Three
Year / Semester	IV / VII	Academic year	2022- 2023(Even Semester)		
Venue	Seminar Hall	Date	24.03.2023		
I.MembersPresent					
Sl.No.	Name and Designation	Position in the Class Committee	Signature		
1	Mr.G.Krishnakumar AP & HOD/MECH	Chair Person (HOD)			
2	Mr.A.S.Vijayanathan AP/MECH	Faculty Member			
3	Mr.V.Athisakthidhasan AP/MECH	Convenor (Faculty Advisor)			
4	Abdul Ajees.M	Student Member(CR)			
5	Nanthakumar.S	Student Member			
6	Ponnambalam.E	Student Member			

II.Minutes (Point discussed in the meeting)

1. Students were instructed to be punctual for their classes and to maintain the proper dress code
2. Students must be attentive in the class room and laboratory classes
3. Students were asked to improve their academic performance
4. Students are advised to maintain good internal marks
5. Students were instructed to meet their respective guides during project hour without fail.

HOD



PRINCIPAL

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