

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

**SIVARAM VIHAR, GHATAKESWAR HILLS
MOHADA, BERHAMPUR (GM.)**



STUDENT'S ATTENDANCE REGISTER

Time	9.5 - 9.55	1.5 - 1.55	2.45 - 3.35		
Day					
MON	Comp. App.				
WED			Comp. App.		
FRI		Comp. App.			
SAT	Comp. App.				

Year/ Session	1st year	20.3.23 - 26.6.23 / Summer
Semester & Branch	2nd sem & Electrical Engineering	
Subject with Code	Th1.b (Computer Application)	
Name of the Faculty Member	E. Madhusmita Patra	

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
<div style="display: flex; align-items: center; justify-content: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; margin-right: 10px;"></div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 1.2em;">MARCH</div> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; margin-left: 10px;"></div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; margin-right: 10px;"></div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 1.2em;">4th Week</div> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; margin-left: 10px;"></div> </div>	20.3.23	<p>1. <u>Computer Organisation</u></p> <p>→ Introduction to computer</p> <p>→ Evolution of computer</p>
		22.3.23	<p>→ Generation of computer.</p> <p>→ Classification of computer.</p>
		24.3.23	<p>→ Basic Organisation of computer (Functional block Diagram)</p>
		25.3.23	<p>→ Input devices, i.p.u, & Output devices</p>
		27.3.23	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; margin-right: 10px;"></div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 1.2em;">5th week</div> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 100px; margin-left: 10px;"></div> </div>

Signature of the Faculty:

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Signature of the Principal/Course Co-ordinator/HOD:

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12.03.23

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19/03/23

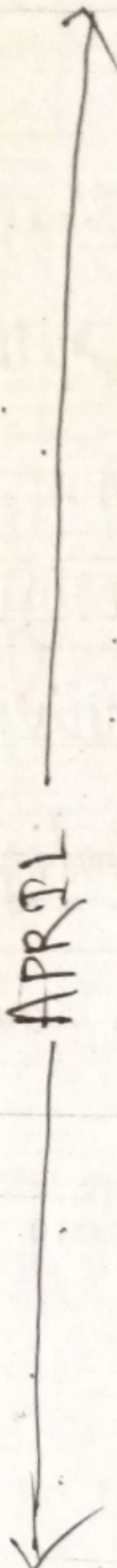
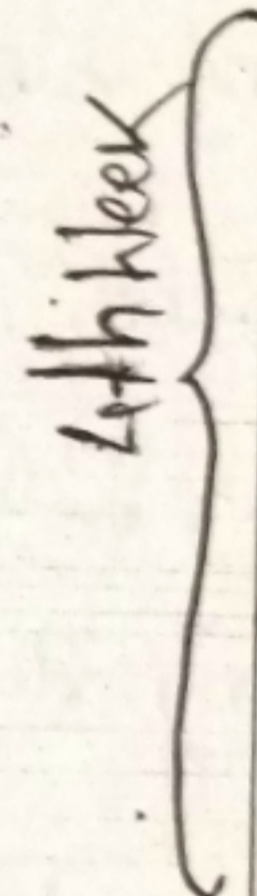
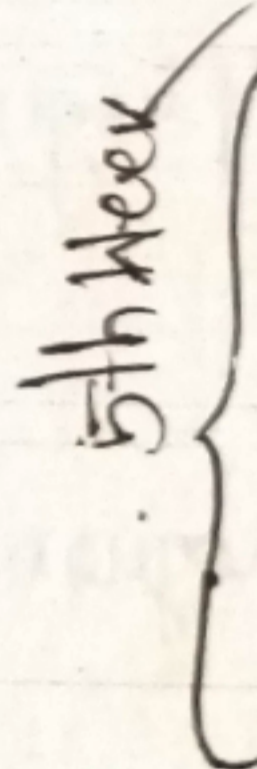
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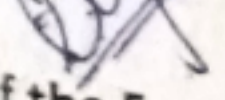
Month	Week	Class Day	Theory/Practical Topic
← MARCH → APRIL →	5th Week	29.3.23	2. <u>Computer Software</u>
			2.1 - Software concept
			2.2 - System Software
		31.3.23	2.3 - Application Software
			2.4 - Overview of Operating system
	2nd Week	3.4.23	2.5 - Objectives and functions of O.S
			2.6 - Types of Operating System
		5.4.23	2.7 - Batch processing, Multi programming, Time sharing, O.S
			2.8 - Features of DOS, Windows and UNIX
		8.4.23	2.9 - Programming languages
2.10 - Compilers, Interpreters			
10.4.23		2.11 - Different types of computer virus	
		2.12 - Computer viruses	
12.4.23		2.13 - Detection and prevention of virus	
		2.14 - Application of computer in diff. domain	

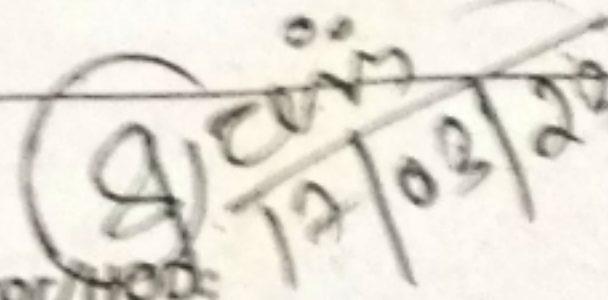
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Signature of the Principal/Course Co-ordinator/HOD: *[Signature]* 17/03/23

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Month	Week	Class Day	Theory/Practical Topic
APRIL 	3rd Week	15.4.23	3. <u>Computer Network and Internet</u> 3.1 - Networking Concept, protocol, connecting media
	4th Week 	17.4.23	3.2 - Data Transmission mode
		19.4.23	3.3 - Network Topology
		21.4.23	3.4 - Types of Network
		22.4.23	3.5 - Network Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
	5th Week 	24.4.23	3.6 - Internet services like E-mail, www, FTP, Chatting, Internet Conferencing, Electronic News paper & Online Shopping
		26.4.23	
		28.4.23	3.7 - Different types of Internet connecting LAN and GSP

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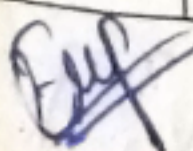
Month	Week	Class Day	Theory/Practical Topic
← APRIL → ↑ MAY ↓	4th Week		4. <u>File Management and Data Process</u>
	1st Week	29.4.23	4.1 - Concept of file and folders
		1.5.23	4.2 - File Access and storage methods
		3.5.23	4.3 - Sequential, Direct, JSAM
		6.5.23	4.4 - Data capture, Data storage
	2nd Week	8.5.23	4.5 - Data processing and Retrieval
			5. <u>Problem Solving Methodology</u>
		10.5.23	5.1 - Algorithm, Pseudo code and flowchart
	3rd Week	12.5.23	5.2 - Generation of programming languages
		13.5.23	5.3 - Structured programming languages
15.5.23		5.4 - Example of problem solving through flowchart	
17.5.23			

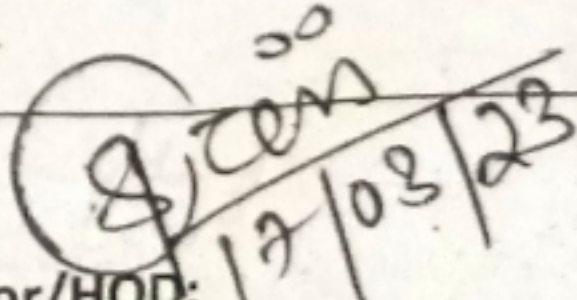
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18/05/23

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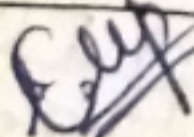
Month	Week	Class Day	Theory/Practical Topic
↑ MAY ↓ ↑ JUNE ↓	3rd Week	20.5.23	<u>6. Overview of C-Programming</u> 6.1 - Constants, variables and datatypes in c
		22.5.23	
	4th Week	24.5.23	6.2 - Managing Input and output operation
		26.5.23	
	5th Week	27.5.23	6.3 - Operators, expressions Types conversion and type casting
		29.5.23	
		31.5.23	6.4 - Decision control and looping statements (if, if-else, if-else-if, switch, while, do-while, for, break, continue & goto)
	1st Week	2.6.23	
		3.6.23	
	2nd Week	5.6.23	6.5 - Programming Assignments using the above features

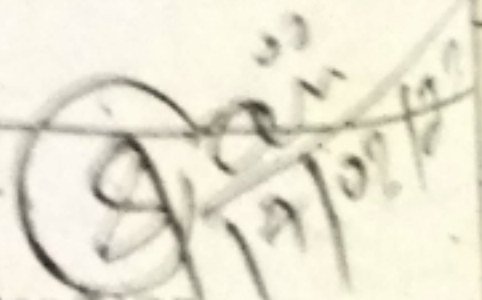
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Month	Week	Class Day	Theory/Practical Topic
↑ JUNE ↓	2nd Week	7.6.23	7. <u>Advanced features of C</u> 71 - Functions and passing parameters to the function (Call by value and call by reference)
		9.6.23	
		10.6.23	
	3rd Week	12.6.23	73 - Recursion function and Types Recursion
		16.6.23	74 - One dimensional Array and Multi dimensional Array
		17.6.23	75 - String Operation and pointers
	4th Week	19.6.23	76 - Pointer Expression and pointer Arithmetic
		23.6.23	77 - Programming Assignments using the above features
	24.6.23		
	5th Week	26.6.23	78 - Structure and union (Only) concept, No programming

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