

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

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



STUDENT'S ATTENDANCE REGISTER

Time	9.05am to 9.55am	9.55am to 10.45am	10.45am to 11.35am	11.35am to 12.25pm	1.05pm to 1.55pm
Day					
Mon		Compuls			
Tue					
Wed				Compuls	Compuls
Thu					
Fri				Compuls	
Sat					

Year/ Session : 2023 (winter)

Semester from Date: 16/08/23 To Date: 11/12/23

Semester & Branch

1st Semester & Computer Science

Subject with Code

Computer Application, Th.16.

Name of the Faculty Member

Ravi Sankar Behra

No of Weeks:

No of Days per Week Class Allotted: 4

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			<u>UNIT-1</u>
	1st	16-8-23	Introduction to Computer Evolution of Computers generation of Computers Classification of Computers.
		16-8-23	Basic organization of computer (functional block diagram) Input- devices, CPU & output devices.
Aug		18-8-23	Computer Memory & Classification of memory.
		21-8-23	
		1-10-23	
		3-11-23	

Signature of the Faculty:

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

(Signature) 14/08/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			<u>UNIT-2</u>
Aug		23-8-23	Software Concept,
		23-8-23	System software,
		23-8-23	Application software,
		25-8-23	Overview of operating system,
		25-8-23	Objectives & functions of O.S.
	2nd	28-8-23	Types of O.S.:
		28-8-23	Batch processing,
		28-8-23	Multi programming,
		28-8-23	Time sharing OS
Sept		4-9-23	Features of DOS, Windows &
		4-9-23	UNIX: application of computer in different domain
		8-9-23	Programming languages:
		8-9-23	Compiler, interpreter,
		11-9-23	Computer virus, detection of virus & prevention of virus.

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
Sept			<u>UNIT-3</u>
		13-9-23	Networking concept, protocol, connecting media, Data transmission mode, Network Topologies, Types of Network.
		13-9-23	Networking devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC.
	13rd	15-9-23	Internet services like Email, WWW, FTP, Chatting, Internet Conferencing, Electronic Newspaper & Online shopping.
		18-9-23	Different types of Internet-Connectivity and ISP.
		22-9-23	
		27-9-23	

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
Oct	4th		<u>UNIT-4</u>
		4-10-23	Concept of file and folder
		4-10-23	File Access and Storage methods
		6-10-23	Sequential
		9-10-23	Direct, ISAM
		11-10-23	Data Capture,
			Data Storage,
			Data Processing and Retrieval.

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			<u>UNIT-5</u>
		11-10-23	Algorithm, Pseudo code
			and
OCT	5th	13-10-23	Flowchart Generation of
			Programming Languages.
		16-10-23	Structured Programming Language
		18-10-23	Examples of Problem solving
			through flowchart.

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			<u>UNIT-6</u>
Oct		30-10-23	Constants, Variables and Data types in C managing Input and Output operations.
		3-11-23	
	6th	6-11-23	
		8-11-23	
		8-11-23	operators, Expressions, Type Conversion & Type Casting.
Nov		10-11-23	Decision control and Looping statements (IF, IF-else, IF-else-IF, Switch, while, Do-while, for, Break, Continue & goto)
		13-11-23	
		15-11-23	
		15-11-23	
		20-11-23	
		22-11-23	
			Programming Assignments using the above features.

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
Nov	7th	22-11-23	<u>UNIT-7</u> Functions and passing parameters to the function (Call by value and call by reference) Scope of variables and Storage classes Recursion function and Types of Recursion One dimensional Array and Multi-dimensional Array. String operations and pointers Pointer Expression and pointer Arithmetic Programming Assignments using the above features. Structure and Union (Only concepts, No Programming)
		29-11-23	
		29-11-23	
		29-11-23	
Dec		4-12-23	
		6-12-23	
		6-12-23	
		8-12-23	
		11-12-23	

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