

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

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




STUDENT'S ATTENDANCE REGISTER

Time	9.05	9.55			
Day	9.55	10.45			
MON		✓			
TUE	✓				
WED		✓			
THU		✓			

Year/ Session	2nd year / 22-23 Summer.
Semester & Branch	4th Semester & ETC Engg.
Subject with Code	DC & CN (TH-2)
Name of the Faculty Member	Lingaraj Pradhan.

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			<u>UNIT-1</u>
F	2nd	13.02.23	<u>Network & Protocol</u> 1.1) Data Communication.
E		14.02.23	1.2) Networks.
B		15.02.23 16.02.23	1.3) Protocol & Architecture, Standards, OSI, TCP/IP.
			<u>UNIT-2</u>
R	3rd	20.02.23	<u>Data Transmission & Media</u> 2.1) Data Transmission Concepts and Terminology.
U		21.02.23	2.2) Analog and digital Data Transmission.
A			
B			
Y		2.3) Transmission impairments, channel capacity.	

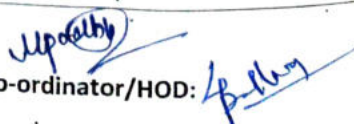
Signature of the Faculty: 

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

B.I.E.T., COURSE PLAN


Month	Week	Class Day	Theory/Practical Topic
F E B	3rd	22.02.23	2.4) Transmission Media,
		23.02.23	Guided Transmission, Wireless Transmission
R U A R Y	4th		<u>UNIT-3</u>
		27.02.23	1) Data Encoding
		28.02.23	3.1) Data Encoding, 3.2) Digital data digital signals,
M A R C H	1st	01.03.23	3.3) Digital data Analog signals,
		02.03.23	3.4) Analog data digital signals
	2nd	06.03.23	3.5) Analog data Analog signals.

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Month	Week	Class Day	Theory/Practical Topic
M			<u>UNIT-4</u> Data Communication & Data Link Control.
A	2nd	9.3.23	4.1) Asynchronous and Synchronous Transmission.
B	3rd	13.3.23	4.2) Error detection.
		14.3.23	4.3) Line configuration.
		15.3.23	4.4) Flow control.
C		16.3.23	4.5) Error control.
	4th	20.3.23	
H	4th	21.3.23	4.6) Multiplexing.
		22.3.23	4.7) FDM Synchronous TDM.

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Month	Week	Class Day	Theory/Practical Topic
M	4th	23.3.23	4.8) Statistical TDM.
A			<u>UNIT-5</u>
R			<u>Switching & Routing</u>
C	5th	27.3.23 28.3.23	5.1) Circuit switching networks.
H		29.3.23	5.2) Packet switching principles.
	1st	3.4.23	
A	1st	4.4.23	5.3) X.25
P		5.4.23 6.4.23	5.4) Routing in packet switching.
		10.4.23	5.5) Congestion
R	2nd	11.4.23	5.6) Effects of congestion, congestion control.
I		12.4.23	5.7) Traffic Management.
L			

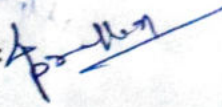
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Signature

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Month	Week	Class Day	Theory/Practical Topic
A	2nd	13.4.23	5.8) Congestion control in Packet-switching network.
P			
R	3rd	17.4.23	<u>UNIT-6</u> <u>LAN Technology</u>
		18.4.23	
I		19.4.23	6.2) LAN Protocol architecture
		20.4.23	
L	4th	24.4.23	6.3) Medium Access Control.
		25.4.23	
		26.4.23	6.4) Bridges, HUB, Switch.
		27.4.23	
M	1st	1.5.23	6.5) Ethernet (CSMA/CD), fiber channel.
A		2.5.23	
		3.5.23	6.6) Wireless LAN Technology.
Y		4.5.23	

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			<u>UNIT-7</u> <u>TCP/IP</u>
M	2nd	8.5.23	7.1) TCP/IP Protocol suite
		9.5.23	
A	3rd	10.5.23	7.2) Basic Protocol function
		11.5.23	
		15.5.23	7.3) Principles of internet working.
		16.5.23	
Y	4th	17.5.23	7.4) Internet- Protocol operations.
		18.5.23	
Y	4th	22.5.23	7.5) Internet- Protocol.
		23.5.23	

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