

**Academic Less**

Department : Information Technology	Semester : 6th
Subject: Data Communication &	No.of days/per week class allotted . 4p/week.
Week	Days
Feb 3rd week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
Feb 4th week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
	4 <sup>th</sup>
Feb 5th week	1 <sup>st</sup>
March 1st week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
March 2nd week	1 <sup>st</sup>
	2 <sup>nd</sup>
March 3rd week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
	4 <sup>th</sup>
March 4th week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
	4 <sup>th</sup>
March 5th week	1 <sup>st</sup>
	2 <sup>nd</sup>
April 2nd week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
April 3rd week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
April 4th week	1 <sup>st</sup>

	2 <sup>nd</sup>
	3 <sup>rd</sup>
	4 <sup>th</sup>
May 1st week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
	4 <sup>th</sup>
May 2nd week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
	4 <sup>th</sup>
May 3rd week	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
	4 <sup>th</sup>
May 4th week	1 <sup>st</sup>



## Revision Plan of Summer 2023

Name of the teaching faculty: Pranati Pattnaik
Semester from : 14th Feb 2023 to 23rd May 2023
No. of weeks:15 weeks
Theory
Network& Protocol,Data Communication
Networks,Protocol & Architecture,
Standards, OSI, TCP/IP
CONTINUE
Data Transmission & Media,Data transmission Concepts and Terminology
Analog and Digital Data transmission
Transmission impairments, Channel capacity
Transmission media, Guided Transmission, Wireless Transmission
REVISION
Data Encoding,Digital data digital signals,
Digital data analog signals
Analog data digital signals
Analog data analog signals
Data Communication & Data link control,Asynchronous and Synchronous Transmission
Error Detection,Line configuration
Flow Control,Error Control,Multiplexing
CONTINUE
FDM synchronous TDM,Statistical TDM
REVISION
Curcuit Switching networks
Packet Switching principles, X.25
Routing in Packet switching,Congestion
Effects of congestion, congestion control
Continue
Traffic Management,Congestion Control in Packet Switching Network.
Continue
REVISION
LAN Technology, Topology and Transmission Media
CONTINUE
LAN protocol architecture

Medium Access control
Continue
Bridges, Hub, Switch
Ethernet (CSMA/CD), Fiber Channel
Wireless LAN Technology..
REVISION
TCP/IP
TCP/IP Protocol Suite
Basic Protocol functions,Principles of Internetworking
Continue
Internet Protocol operations
Continue
Internet Protocol
REVISION
Revision & Semester Question Answer Discussion
Revision & Semester Question Answer Discussion

**Signature of the Faculty**

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