

# SYNERGY POLYTECHNIC, BBSR

## The Lesson Plan

Discipline: <i>CSE</i>	Semester: <i>1th</i>	Name of the Teaching Faculty: <i>M. R. Ojha</i>
Subject: <i>Data Communica. &amp; Computer Network</i>	No of Days/per week class allotted:	Semester from Date: <i>16.1.24</i> to Date: <i>26.4.24</i> No of Weeks:
Week	Class Day	Theory/Practical Topics
1st	1st	<i>Networks protocols</i>
	2nd	<i>- do -</i>
	3rd	
	4th	
	5th	
2nd	1st	<i>Data Communication</i>
	2nd	<i>- do -</i>
	3rd	<i>Networks</i>
	4th	<i>- do -</i>
	5th	<i>- do -</i>
3rd	1st	<i>Protocol &amp; Architecture.</i>
	2nd	<i>- do -</i>
	3rd	<i>Standards, OSI, TCP/IP</i>
	4th	<i>- do -</i>
	5th	
4th	1st	<i>Data Transmission &amp; Media</i>
	2nd	<i>- do -</i>
	3rd	<i>- do -</i>
	4th	
	5th	
5th	1st	<i>Data transmission concepts and Terminology</i>
	2nd	<i>- do -</i>
	3rd	<i>Analog and Digital data transmission</i>
	4th	<i>- do -</i>
	5th	

  
Sign of Faculty

  
HOD

  
Principal

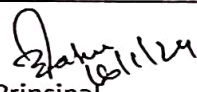
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### The Lesson Plan

Discipline:	Semester:	Name of the Teaching Faculty:
Subject:	No of Days/per week class allotted:	Semester from Date: to Date: No of Weeks:
Week	Class Day	Theory/Practical Topics
6 <sup>st</sup>	1st	Transmission impairments
	2nd	- do -
	3rd	channel capacity
	4th	- do -
	5th	
7 <sup>th</sup>	1st	Transmission media
	2nd	Guided Transmission
	3rd	wireless Transmission
	4th	- do -
	5th	
3 <sup>rd</sup>	1st	Data Encoding
	2nd	- do -
	3rd	Data encoding
	4th	- do -
	5th	
4 <sup>th</sup>	1st	Data - data - digital signals
	2nd	- do -
	3rd	digital data analog signals
	4th	- do -
	5th	
5 <sup>th</sup>	1st	Analog data digital signals
	2nd	- do -
	3rd	Analog data analog signals
	4th	- do -
	5th	

  
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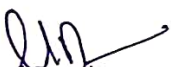
  
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Principal

**SYNERGY POLYTECHNIC, BBSR**

**The Lesson Plan**

Discipline: CSE	Semester: 4th	Name of the Teaching Faculty:
Subject: Data Communication & Computer Networks	No of Days/per week class allotted:	Semester from Date: to Date: No of Weeks:
Week	Class Day	Theory/Practical Topics
1st	1st	Error Detection
	2nd	- do -
	3rd	Line configuration
	4th	- do -
	5th	
2nd	1st	flow control
	2nd	Error control
	3rd	- do -
	4th	- do -
	5th	
3rd	1st	multiplexing
	2nd	- do -
	3rd	FDM synchronous TDM
	4th	- do -
	5th	
4th	1st	Statistical TDM
	2nd	- do -
	3rd	Switching & Routing
	4th	- do -
	5th	
5th	1st	Circuit switching principles
	2nd	X.25
	3rd	Routing in packet switching.
	4th	Spooling, Congestion.
	5th	

  
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