

## SYNERGY POLYTECHNIC, BBSR

### The Lesson Plan

Discipline: <b>CE</b>	Semester: <b>4<sup>th</sup></b>	Name of the Teaching Faculty: <b>Aspeta Samal</b>
Subject: <b>HE</b>	No of Days/per week class allotted: <b>05</b>	Semester from Date: <b>16.01.24</b> to Date: <b>26.04.24</b> No of Weeks:
Week	Class Day	Theory/Practical Topics
<b>1st</b>	1st	Introduction : Importance of HE
	2nd	Functions of IRC .
	3rd	IRC classification of roads .
	4th	- do -
	5th	Road Pavements : Flexible , Rigid
<b>2nd</b>	1st	- do -
	2nd	- do -
	3rd	Subgrade Preparation .
	4th	- do -
	5th	- do -
<b>3rd</b>	1st	Equipment used for Subgrade Preparation
	2nd	Subbase course
	3rd	Types of Stabilization .
	4th	- do -
	5th	- do -
<b>4th</b>	1st	Preparation of base course
	2nd	water bound Macadam & wet-mix .
	3rd	Bituminous constructions
	4th	Surfacing : Surface dressing
	5th	Grouting .
<b>5th</b>	1st	concept of concrete roads as per IRC .
	2nd	Construction Equipments :
	3rd	Hot mix Plant
	4th	Tipper , tractors , scrapers , bulldozers
	5th	Asphalt mixer & tar boilers .

  
Sign of Faculty


HOD

  
Principal

## SYNERGY POLYTECHNIC, BBSR

### The Lesson Plan

Discipline: <b>CE</b>	Semester: <b>4<sup>th</sup></b>	Name of the Teaching Faculty: <b>Aspita Samuel</b>
Subject: <b>HE</b>	No of Days/per week class allotted: <b>05</b>	Semester from Date: <b>16.1.24</b> to Date: <b>26.04.24</b> No of Weeks:
Week	Class Day	Theory/Practical Topics
1st	1st	<b>Road Pavement</b>
	2nd	<b>modern constructing equipments</b>
	3rd	<b>-do-</b>
	4th	<b>-do-</b>
	5th	<b>-do-</b>
2nd	1st	
	2nd	
	3rd	
	4th	
	5th	
3rd	1st	
	2nd	
	3rd	
	4th	
	5th	
4th	1st	
	2nd	
	3rd	
	4th	
	5th	
5th	1st	
	2nd	
	3rd	
	4th	
	5th	

  
Sign of Faculty

HOD

Principal