SYNERGY POLYTECHNIC, BBSR

The Lesson Plan		T
Descipline:	Semester:	Name of the Teaching Faculty:
MNE	6 th sem	N·F Semester from Date: I6-01-24 to Date: 26-04-24
Subject:	No of Days/per week class	Semester nom Bater to 01 = 1
Mine Machinery-II	allotted: 4	No of Weeks:
Week	Class Day	Theory/Practical Topics
1 1877 / 8 - 2 *	1st	Basic details about ulg mines and method
	2nd	_
1st	3rd	Describe and explanation of Electric Drill Red
	4th	Principal, feature, operation 2 use of still
	5th	red used in coal mines.
	1st	Type of drill rod & bits used in electric
	2nd	coal drill.
2nd	3rd	Basic constructional features of Loaders
	4th	Types of loader we in coal vig mine
	5th 2 2 1/2 2 2 2	Arm Loader, Scraper, SDL, Haul Loader
	1st 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-00-
	2nd	
3rd	3rd: 10.7974	-do-
	4th	Describe basic constructional feature
	5th = 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I operation principle of jack hummer
, , . · · ·	1st walls a second of	2 air leg rock drill
	2nd	•
4th	3rd	-do-
	4th	Basic constructional feature of road header
	5th	Shearer Loader, its operation etc.
- '1 - ' 1 J.	1st // 2. 1	Basic concept of Opencast Mine Machinery
	2nd	
5th	3rd	Surface Miner obrief explanation uses,
\$ F	4th	operation, constructional feature etc.
and the second	5th	Dragline concept
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Principal Principal

Sign of Faculty

SYNERGY POLYTECHNIC, BBSR

The Lesson Plan		
Descipline:	Semester:	Name of the Teaching Faculty:
Subject:	No of Days/per week class allotted: 4	Semester from Date: 16-01-24 to Date: 26-64-24 No of Weeks:
Week	Class Day	Theory/Practical Topics
	1st	Shovel, Type of shovel concept everything
ch	2nd	
1st	3rd	Bucket Wheel Excovotor concept clear
EV .	1th	Dumper concept, driagram, advantages etc.
		Poser concept "
귀h 2nd	1st	Scraper concept 6
	2nd	
	3rd	Road Grades concept "
	4th	Doubt class for the topic cover Ula
	5th	Pace machineries
	1st	Doubt class for HEMM use in openast mine.
	2nd	,
ard 8th	3rd	New topic started by the basic concept
	4th	of pumps used in mines both ulg & ole
	5th	Classify, describe constructional feature
	1st	working uses of various pump.
	2nd	
9th 4th	3rd	Ram Pump
	4th	Centrifugal Pump
	5th	Turpine Pump
e de la companya de l	1st	State principle of certrifugual 2 turbine
1014	2nd	
5th-	3rd	pumps and its applicability.
	4th	Explain about how to balancing the oxial
	5th	thrust of turbine pumps etc.
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Principal

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SYNERGY POLYTECHNIC, BBSR

The Lesson Plan		N. Caller Teaching Feedbar
Descipline:	Semester:	Name of the Teaching Faculty:
MNE Subject:	No of Days/per week class	Semester from Date: 16-01-24 to Date: 26-64-24
		No of Weeks:
Mine Machinery-R Week	Class Day	Theory/Practical Topics
114h 1st	1st	Characteristic curve for turbine pumps
	2nd	
	3rd	Describe constructional feature and
	4th	working uses of roto pump (screw pump)
	5th	Sinking Pump
ነ ጊትካ 2nd	1st	Explanation procedure of suspension in shaft
	2nd	
	3rd	Doubt class taken for any problem tace
	4th	for the ventilation and mine pump etc.
	5th	Bore Hole Pump describe constructional
13th 3rd-	1st	feature and working of bore hole pump
	2nd	
	3rd	-do-
	4th	State installation of bore hole pump
	5th	-do-
ነ4ተን 4th-	1st	Pipes & Values new topic otarsted which
	2nd	
	3rd	cover, type of pipes, valve wed in mines.
	4th	Constructional fecture of various type of value
15th 5th	5th	State & describe different type of pipes
	1st	joints, Discuss Pipe line Layout
	2nd	J
	3rd	-do-
	4th	Describe support of laying main pipe in
	5th	shaft.
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Principal Ring

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