

SYNERGY POLYTECHNIC, BBSR

The Lesson Plan

Discipline: Mechanical	Semester: 6th	Name of the Teaching Faculty: Ashutosh Satpathy
Subject: AMP	No of Days/per week class allotted:	Semester from Date: 16.1.24 to Date: 26.4.24 No of Weeks:
Week	Class Day	Theory/Practical Topics
1st	1st	Introduction of NTM
	2nd	Application of NTM
	3rd	———— DO ————
	4th	Details of USM
	5th	Details of EDM and its
2nd	1st	Description
	2nd	———— DO ————
	3rd	Details and description of W-EDM
	4th	———— DO ————
	5th	Details of AJM, its application
3rd	1st	Details and principle of LBM.
	2nd	Principles of ECM and its detail
	3rd	———— DO ————
	4th	Detail and principle of PAM
	5th	Details of EBM and its principle
4th	1st	———— DO ————
	2nd	Processing of plastics
	3rd	Details of injection Moulding
	4th	Description of Compression Moulding
	5th	Details of transfer Moulding
5th	1st	———— DO ————
	2nd	Detailing of casting process
	3rd	Detail of calendaring process
	4th	———— DO ————
	5th	Define the sheet-forming process

A. Satpathy
Sign of Faculty

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HOD

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16/1/24
Principal

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Subject:	No of Days/per week class allotted:	Semester from Date: to Date: No of Weeks:
Week	Class Day	Theory/Practical Topics
1st	1st	Details of Blow moulding process
	2nd	Des Description of Laminating plastic
	3rd	———— DO ————
	4th	Application of Plastics
	5th	———— DO ————
2nd	1st	Introduction and need of AM.
	2nd	———— DO ————
	3rd	Fundamentals of Additive Manufacturing process
	4th	Process chain of AM
	5th	Advantages and Limitation of AM
3rd	1st	Classification of AM process
	2nd	———— DO ————
	3rd	Difference between AM and CNC
	4th	It's technologies
	5th	———— DO ————
4th	1st	Application of AM
	2nd	———— DO ————
	3rd	Web based R.P. system
	4th	Concept of FMS and C.E.
	5th	———— DO ————
5th	1st	———— DO ————
	2nd	Concept of Special Purpose Machine
	3rd	Elements of SPM and Productivity
	4th	———— DO ————
	5th	———— DO ————

Ar. Saha
Sign of Faculty

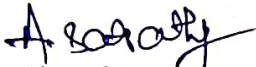

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Principal

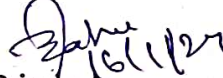
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Week	Class Day	Theory/Practical Topics
1st	1st	Productivity of SPM
	2nd	Improvement of SPM
	3rd	— DO —
	4th	Types of Maintenance and Repair Cycle
	5th	— DO —
2nd	1st	Details of Repair Complexity
	2nd	— DO —
	3rd	Description of Maintenance Manual
	4th	Details of Maintenance Records
	5th	— DO —
3rd	1st	Details of Housekeeping
	2nd	Application of TPM
	3rd	— DO —
	4th	— DO —
	5th	
4th	1st	
	2nd	
	3rd	
	4th	
	5th	
5th	1st	
	2nd	
	3rd	
	4th	
	5th	


Sign of Faculty


HOD


Principal