22MEH				-	1.	1
PRERE	QUISITES	CATEGORY	L	T	P	C
		PE	3	0	0	3
OURSE	E OBJECTIVES:					
	study about the history, concepts and terminology in PLM					
	learn the functions and features of PLM/PDM					
	develop different modules offered in commercial PLM/PDM tools					
	demonstrate PLM/PDM approaches for industrial applications use PLM/PDM with legacy data bases, Coax& ERP systems					
5. 10	use PLM/PDM with legacy data bases, Coax& EKP systems					
UNIT	ΓΙ HISTORY, CONCEPTS AND TERMINOLOGY OF F	PLM	9	0	0	9
	on to PLM, Need for PLM, opportunities of PLM, Different views of PL		-	~	-	~
roduct Da	ata Management (PDM), Collaborative Product Definition Management	(cPDm), Collabora	tive Pr	oduct	Com	ner
CPC), Pro	oduct Lifecycle Management (PLM). PLM/PDM Infrastructure - Networ					
leterogen	eous data sources and applications					
UNIT	TII PLM/PDM FUNCTIONS AND FEATURES		9	0	0	9
	tions – Data Vault and Document Management, Workflow and Process M	anagement, Product	-			-
	lassification and Programme Management. Utility Functions – Commun					
	n, image services, system administration and application integration				•	
				0	0	0
UNIT			9 01 M S	0	0	9
Case studi	es based on top few commercial PLM/PDM tools - Teamcenter, Windch	ill, ENOVIA, Aras I	PLM, S	AP Pl	LM, A	rei
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COUR Upon c	Bloom Taxonomy Mapped			
C01	Summarize the history, concepts and terminology of PLM	Remember		
<i>CO2</i>	Develop the functions and features of PLM/PDM	Create		
<i>CO3</i>	Discuss different modules offered in commercial PLM/PDM tools.	Evaluate		
<i>CO4</i>	Interpret the implement PLM/PDM approaches for industrial applications.	Analyze		
<i>CO5</i>	Integrate PLM/PDM with legacy data bases, cax & ERP systems	Analyze		

COURSE ARTICULATION MATRIX

	1													1	
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	0	0	0	0	0	0	0	0	2	2	1	1	0
CO2	1	1	0	0	0	0	0	0	0	0	2	2	1	1	0
CO3	1	1	0	0	1	0	0	0	0	0	2	2	1	1	0
CO4	1	1	0	0	2	0	0	0	2	0	2	2	1	1	0
CO5	1	1	0	0	3	0	0	0	2	0	2	2	1	1	0
Avg	1	1	0	0	1	0	0	0	0.8	0	2	2	1	1	0
3/2/1 – indicates strength of correlation (3 – high, 2- medium, 1- low)															