	02	INNOVATION SPRINTS	SEI	MEST	ΓER	Ш
PRE-RE	QUIS	ITE: CATEGORY	L	Т	P	C
	-	EE	0	0	2	1
Course C	Obiect	ives:	I			1
		erstand the fundamentals of Design thinking & apply in ideating solutions for real-world	l proble	ems.		
2.	To solv	e challenges through problem curation, problem validation and customer discovery prob	olems.			
						1
UNIT I		IALLENGE CURATION	3	v	0	3
		esign Thinking Principles - Design Thinking Values - Design Thinking Methods - Chal	llenge	impac	t sett	ing
Framing th	he desi	gn challenge.				
UNIT II		CUSTOMER-CENTRIC INNOVATION		3 0	0	3
Understan	ding C	ustomer needs - Empathy building techniques - gap analysis - adoption barriers - obser	rvation	is and	insig	hts
	-	hts into Innovation Opportunities			2	
	<u> </u>	**				
UNIT III	[IDEA GENERATION	3	3 0	0	3
Identifving	g pains	& gains - crafting value proposition - Ideation - Divergent Thinking - Ideation methods- I	Rules o	of brain	istori	
		- Concept of minimum usable prototypes - Generating solution concepts				
UNIT IV	7	PROTOTYPING		3 0	0	3
		epts Palm Pilot Experiment - Fake it before make it - Prototyping - The Law of Failure	- Build	ling a	Proto	otyp
- Testing t	he Pro					
		otypes				
UNIT V		PITCH & PRESENTATION		v	0	3
Science of	Storyt	PITCH & PRESENTATION elling - the blueprint for storytelling - Pitch Script - Pitch Presentations - Best practices to		v	-	
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COUR Upon co	Bloom's Taxonomy Mapped			
CO1	Identify real-world problems	Understand		
<i>CO2</i>	Apply the challenge curation techniques to real-world problems.	Apply		
СО3	Analyze the problems and generate solutions to address the challenges	Analyze		
<i>CO4</i>	Build solutions using pertotyping tools & techniques	Apply		
C05	Develop an innovation pitch to effectively communicate the idea to solve the identified problem	Analyze		

COURSE ARTICULATION MATRIX

		-												-	
CO/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	0	3	0	0	0	2	1	0	2	0	0	0	0	0	2
CO2	0	3	0	2	0	0	0	0	2	0	0	0	0	0	2
CO3	0	0	3	2	0	0	0	0	2	0	0	0	0	0	2
CO4	2	0	3	0	0	0	0	1	2	0	0	0	0	0	2
CO5	0	0	0	0	0	0	0	0	2	3	0	0	0	0	2
Avg	0.4	1.2	1.2	0.8	0	0.4	0.2	0.2	2	0.6	0	0	0	0	2
3 / 2 / 1 – indicates strength of correlation (3 – High, 2 – Medium, 1 – Low)															