## Curriculum for M.Des

Integrated Product Design

From The Academic Year 2021
(Approved in Senate 44)



Indian Institute of Information Technology Design and Manufacturing, Kancheepuram

Chennai-600 127

		Semester 1						
S.No	Course Code	Course Name	Category	L	Т	Р	С	
		Foundation for integrated product design (two weeks						
1	DS5000	preparatory course)	DSC	0	О	0	О	
2	DS5001	Aesthetics, Forms and Sketching	DSC	1	0	3	3	
3	DS5002	sign, Technology and Society DSC 2		2	1	0	3	
4	DS5003	Design Research: Theory and Methods	DSC 2 1		1	0	3	
5	DS5004	Material selection for product designers	DSC	2	1	0 3		
6	DS5005	Design Realization Skills Practice	DSC	0	0 3 2		2	
7	DS5006	Visual Communication Design	DSC	2	1	0	3	
8	DS5007	Concept Design Project	PCD	1	0	6	5	
							22	
	-	Semester 2	•		•			
S.No	Course Code	Course Name	Category	L	Т	Р	С	
1	DS5008	Digital Sketching and Modelling	DSC	1	0	3	3	
2	DS5009	Bio-inspired design	DSC	2	1	0	3	
3	DS5010	Design for quality and reliability	DSC	2	1	0	3	
4	DS5011	Interaction design (UX / UI)	DSC	2	1	0	3	
5	DS5012	Human Factors & Ergonomic Design	DSC	2	1	0	3	
6	DS5013	Embodiment Design Project	PCD	1	0	6	5	
7		Professional Elective Course I	PEC	2	1	0	3	
							23	
	•	Semester 3	•		-			
S.No	Course Code	Course Name	Category	L	Т	Р	С	
4	DCCOOO	AA Dag IDD Internation Discoult (Common Discoult (Mary India)	DCD				6	
1	DS6000 DS6001	M.Des-IPD-Internship Phase-I (Summer Project) (May-July)	PCD PCD	0	0	9 15	6 10	
2		M.Des-IPD-Internship Phase-II (Aug-Nov)		-	1		3	
3	DS6002	Strategic management of design and innovation	DSC	2	1	0	3	
4	DS6003	Sustainable Product Service Systems	DSC	2	1	- 0	22	
		Composition A					22	
S.No	Course Code	Semester 4  Course Name	Catagory	ĪL .	lт	Р	lc	
5.NO 1	DS6004		Category PCD	0	0	24	17	
2	J30004	M.Des-IPD-Project (Dec-Apr) Professional Elective Course II	PEC	2	1	0	3	
3		Professional Elective Course III	PEC	2	1	0	3	
3	+	Professional Elective Course III	PEC		1	- 10	23	
				1			23	

## Semester wise Credit Distribution

		Semester Wise Credits				
Category	S1	S2	S3	S4	Total	%
Design Course (DSC)	17	15	6	0	38	42.2
Professional Elective Course (PEC)	0	3	0	6	9	10
Professional Career Development (PCD)	5	5	16	17	43	47.8
Total	22	23	22	23	90	100