



# MANIPAL SCHOOL OF ARCHITECTURE AND PLANNING

MANIPAL  
(A constituent unit of MAHE, Manipal)

## 1. PROGRAM STRUCTURE

(L = Lecture; S = Studio; P = Practical; C = Credits; MLC= Mandatory learning Course; I.A. = Internal Assessment; E.A. = External Assessment; T = Total) MLC is included for CGPA calculation.

### YEAR 1/ SEMESTER 1

SL. NO.	SEM	COURSE CODE	COURSE NAME	HOURS			C	I.A.	E.A.	T	END SEM THE ORY	END SEM VIVA/E XAM+V IVA	EXAM DURAT ION (HRS)
				L	S	P							
1	1	PD 6501	Product Design Studio – I (Social innovation)	1	3	6	7	50	50	100	-	50	-
2		PD 6503	Design Culture	2	1	-	3	50	50	100	50	-	3
3		PD 6505	Design Aesthetics	1	2	-	3	50	50	100	50	-	3
4		PD 6507	Product Representation & Technical Drawing	-	2	2	3	100	-	100	-	-	-
5		PD 6509	Product Development Workshop	-	1	4	3	100	-	100	-	-	-
6		PD 6511	Research Methodology	2	2	-	4	100	-	100	-	-	-
				6	11	12	23	450	150	600			

### YEAR 1/ SEMESTER 2

SL. NO.	SEM	COURSE CODE	COURSE NAME	HOURS			C	I.A.	E.A.	T	END SEM THE ORY	END SEM VIVA/E XAM+V IVA	EXAM DURAT ION (HRS)
				L	S	P							
1	2	PD 6502	Product Design Studio – II (Accessibility Design)	1	3	6	7	50	50	100	-	50	-
2		PD 6504	Usability Engineering	1	1	2	3	100	-	100	-	-	-
3		PD 6506	Design Issues	1	2	-	3	50	50	100	50	-	3
4		PD 6508	Applied ergonomics	1	1	2	3	100	-	100	-	-	-
5			Elective – I (Analogous to Digital Modelling)	-	2	2	3	100	-	100	-	-	-
6			Elective – II (Design Sensitivity)	1	1	2	3	50	50	100	50	-	3
				5	10	14	22	450	150	600			



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Elective I - Analogous to Digital Modelling #	
PD 6510	Visual Ideation
PD 6512	Product Modelling
PD 6514	Product Experience

Elective II - Design Sensitivity #	
PD 6516	Cognitive Psychology
PD 6518	Universal Design
PD 6520	Design for Sustainability

# Any one from the bouquet offered to be chosen

## YEAR 2/ SEMESTER 3

SL. NO.	SEM	COURSE CODE	COURSE NAME	HOURS			C	I.A.	E.A.	T	END SEM THE ORY	END SEM VIVA/E XAM+V IVA	EXAM DURAT ION (HRS)
				L	S	P							
1	3	PD 7001	Product Design Studio – III (Health care Design)	1	3	6	7	50	50	100	-	50	-
2		PD 7003	Design Dissertation	1	3	-	4	100	-	100	-	-	-
3		PD 7005	Practical Training *	-	-	-	2	MLC	-	-	-	-	-
4		PD 7007	Interface Design	1	2	-	3	100	-	100	-	-	-
5			Elective – III (Visual Communication Design)	1	1	2	3	100	-	100	-	-	-
6			Elective – IV (Design Management & Entrepreneurship)	2	1	-	3	50	50	100	50	-	3
				<b>6</b>	<b>10</b>	<b>8</b>	<b>22</b>	<b>400</b>	<b>100</b>	<b>500</b>			

\* - Practical training to be taken up during summer break in Industry.

Elective III – Visual Communication Design #	
PD 7009	Product Photography
PD 7011	Product Branding
PD 7013	Product Packaging

Elective IV – Design Management & Entrepreneurship #	
PD 7015	Business System Analysis
PD 7017	Product Validation
PD 7019	Entrepreneurial Finance

# Any one from the bouquet offered to be chosen

## YEAR 2/ SEMESTER 4

SL. NO.	SEM	COURSE CODE	COURSE NAME	HOURS			C	I.A.	E.A.	T	END SEM THE ORY	END SEM VIVA/E XAM+V IVA	EXAM DURAT ION (HRS)
				L	S	P							
1	4	PD 7002	Thesis	-	5	16	13	300	300	600	-	300	-
				<b>0</b>	<b>5</b>	<b>16</b>	<b>13</b>	<b>300</b>	<b>300</b>	<b>600</b>			



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