SANDIP UNIVERSITY

School of Design
Department of Design

Course Structure
B. Des Product Design

Semester – III

For the Batch: Ay 25-26 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PC	YPD301	Design Method	4	--	--	4	50	--	100	--	100
2	PC	YPD302	Materials and Process -I	3	--	--	3	50	--	100	--	100
3	PC	YPD303	Research Methodology and Craft Study	3	--	--	3	50	--	100	--	100
4	PC	YPD304	Problem Framing and Solution Design	2	--	--	2	50	--	100	--	100
5	PC	YPD311	Research Methodology and Craft Study Studio	--	--	2	1	--	50	--	50	100
6	PC	YPD312	Technical and Analytical Drawing – I Studio	--	--	6	3	--	50	--	50	100
7	PC	YPD313	Form I Studio	--	--	4	2	--	50	--	50	100
8	PC	YPD314	Materials and Processes - I Studio	--	--	4	2	--	50	--	50	100
9	PC	YPD315	Product Analysis and Functional Design (How Things Work: Basic Mechanism) Studio	--	--	8	4	--	50	--	50	100
			TOTAL	12	--	24	24	200	250	400	250	900

CIA: Continuous Internal Assessment	UC: University Core	CIA	Weightage	Description
L: Theory Lecture	PC: Programme Core	CIA 1	10%	Home Assignment
T: Tutorial	PE: Programme Elective	CIA 2	20%	Mid Term Exam (MTE)
P: Practical	OE: Open Elective	CIA 3	10%	Activity/Project and Research Based learning along with seminar presentation
ESE: End Semester Exam		CIA 4	10%	Behavior Attitude+ General Discipline Theory +Practical Attendance
		TOTAL	**50%**	
Written Examination-End Semester Exam (ESE)			50%	
Total			**100%**	

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Course Structure
B. Des Product Design

Semester – IV   **For the Batch: Ay 25-26 onwards**

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Course	Lab	Course	Lab	
1	PC	YPD401	Human Ergonomics and Interface	2	--	--	2	50	-	50	-	100
2	PC	YPD402	Materials and Processes - II	3	--	--	3	50	-	50	-	100
3	PC	YPD403	Evolution of Product Design	3	--	--	3	50	-	50	-	100
4	PC	YPD404	Design and Society	2	--	--	2	50	-	50	-	100
5	PC	YPD411	Product Representation Studio	--	--	4	2	-	50	-	50	100
6	PC	YPD412	Form II Studio	--	--	4	2	-	50	-	50	100
7	PC	YPD413	Introduction to Computer Aided Drafting Studio	--	--	4	2	-	50	-	50	100
8	PC	YPD414	Materials and Processes - II Studio	--	--	6	3	-	50	-	50	100
9	PC	YPD415	Simple Product Design Studio	--	--	8	4	-	50	-	50	100
10	PE	YPD416	Nature and Forms Studio	--	--	2	1	-	50	-	50	100
			TOTAL	10	--	28	24	200	300	200	300	1000

CIA: Continuous Internal Assessment **L**: Theory Lecture **T**: Tutorial **P**: Practical **ESE**: End Semester Exam	**UC**: University Core **PC**: Programme Core **PE**: Programme Elective **OE:** Open Elective		

CIA	Weightage	Description
CIA 1	10%	Home Assignment
CIA 2	20%	Mid Term Exam (MTE)
CIA 3	10%	Activity/Project and Research Based learning along with seminar presentation
CIA 4	10%	Behavior Attitude+ General Discipline Theory +Practical Attendance
TOTAL	**50%**	
Written Examination-End Semester Exam (ESE)	50%	
Total	**100%**	

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Course Structure
B. Des Product Design

Semester: V   **For the Batch: Ay 25-26 onwards**

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Wek)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	UC	YPD501	Product Promotion and Packaging	3	--	--	3	50	--	100	--	100
2	PC	YPD502	Design Issues and Concerns	4	--	--	4	50	--	100	--	100
3	PC	YPD503	Design as Strategic Planning - Design management	3	--	--	3	50	--	100	--	100
4	PC	YPD504	Exposure to Design Aspects	3	--	--	3	50	--	100	--	100
5	PC	YPD511	Product Promotion and Packaging Studio	--	--	6	3	--	50	--	50	100
6	PC	YPD512	Design as Strategic Planning Studio	--	--	6	3	--	50	--	50	100
7	PC	YPD513	Program Elective - I	--	--	6	3	--	50	--	50	100
			TOTAL	**13**	**--**	**18**	**22**	**200**	**150**	**400**	**150**	**700**

CIA: Continuous Internal Assessment **L**: Theory Lecture **T**: Tutorial **P**: Practical **ESE**: End Semester Exam	**UC**: University Core **PC**: Programme Core **PE**: Programme Elective **OE:** Open Elective	**CIA**	**Weightage**	**Description**	
		CIA 1	10%	Home Assignment	
		CIA 2	20%	Mid Term Exam (MTE)	
		CIA 3	10%	Activity/Project and Research Based learning along with seminar presentation	
		CIA 4	10%	Behavior Attitude+ General Discipline Theory +Practical Attendance	
		TOTAL	**50%**		
Written Examination-End Semester Exam (ESE)			50%		
		Total	**100%**		

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Course Structure
B. Des Product Design

Semester: V

For the Batch: Ay 25-26 onwards

List of Programme Electives I

Sr. No.	Course Code	Course Name
1	YPD513-01	Interaction Design Studio
2	YPD513-02	Service Design Studio
3	YPD513-03	Packaging Design Studio

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Course Structure
B. Des Product Design

Semester: VI

For the Batch: Ay 25-26 onwards

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Wek)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	UC	YPD601	Understanding Product Experience - UI /UX	3	--	--	3	50	--	100	--	100
2	PC	YPD602	Anthropology and Design	3	--	--	3	50	--	100	--	100
3	PC	YPD603	Product Design: Semantics	4	--	--	4	50	--	100	--	100
4	PC	YPD611	Anthropology and Design Studio	--	--	4	2	--	50	--	50	100
5	PC	YPD612	Product Design: Semantics Studio	--	--	6	3	--	50	--	50	100
6	PC	YPD613	Program Elective - II	--	--	6	3	--	50	--	50	100
7	PC	YPD614	Program Elective - III	--	--	6	3	--	50	--	50	100
TOTAL				**10**	**--**	**22**	**21**	**150**	**200**	**300**	**200**	**700**

CIA: Continuous Internal Assessment	**UC**: University Core	
L: Theory Lecture	**PC**: Programme Core	
T: Tutorial	**PE**: Programme Elective	
P: Practical	**OE:** Open Elective	
ESE: End Semester Exam		

CIA	Weightage	Description
CIA 1	10%	Home Assignment
CIA 2	20%	Mid Term Exam (MTE)
CIA 3	10%	Activity/Project and Research Based learning along with seminar presentation
CIA 4	10%	Behavior Attitude+ General Discipline Theory +Practical Attendance
TOTAL	**50%**	
Written Examination-End Semester Exam (ESE)		50%
Total		**100%**

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Course Structure
B. Des Product Design

For the Batch: Ay 25-26 onwards

Semester: VI

List of Programme Electives II and III

Programme Electives II

Sr. No.	Course Code	Course Name
1	YPD613-01	Wearable Technology Design Studio
2	YPD613-02	Furniture and Lifestyle Product Design Studio
3	YPD613-03	Automotive and Mobility Design Studio

Programme Electives III

Sr. No.	Course Code	Course Name
1	YPD614-01	Woodworking and Joinery Technique Studio
2	YPD614-02	Textile and Soft Product Design Studio
3	YPD614-03	Metal Craft and Jewelry Design Studio

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Course Structure
B. Des Product Design

Semester: VII   **For the Batch: Ay 25-26 onwards**

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Wek)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	UC	YPD701	Design Ethics and Social Responsibility - Design for special needs	4	--	--	4	50	--	100	--	100
2	PC	YPD702	Design Management - Design registration and Patent	4	--	--	4	50	--	100	--	100
3	PC	YPD703	Product Marketing and Strategy	4	--	--	4	50	--	100	--	100
4	PC	YPD711	Program Elective - IV	--	--	6	3	--	50	--	50	100
5	PC	YPD712	Program Elective - V	--	--	6	3	--	50	--	50	100
6	OE	ODE701	Open Elective	3	--	--	3	--	50	--	50	100
TOTAL				**15**	**--**	**12**	**21**	**150**	**150**	**300**	**150**	**600**

CIA: Continuous Internal Assessment **L**: Theory Lecture **T**: Tutorial **P**: Practical **ESE**: End Semester Exam	**UC**: University Core **PC**: Programme Core **PE**: Programme Elective **OE:** Open Elective		

CIA	Weightage	Description
CIA 1	10%	Home Assignment
CIA 2	20%	Mid Term Exam (MTE)
CIA 3	10%	Activity/Project and Research Based learning along with seminar presentation
CIA 4	10%	Behavior Attitude+ General Discipline Theory +Practical Attendance
TOTAL	**50%**	
Written Examination-End Semester Exam (ESE)	50%	
Total	**100%**	

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Course Structure
B. Des Product Design

Semester: VII   **For the Batch: Ay 25-26 onwards**

List of Programme Electives IV and V

Programme Electives IV

Sr. No.	Course Code	Course Name
1	YPD711-01	Toy and Game Design Studio
2	YPD711-02	Sports and Outdoor Equipment Design Studio
3	YPD711-03	Healthcare and Medical Product Design Studio

Programme Electives V

Sr. No.	Course Code	Course Name
1	YPD712-01	Intellectual Property and Design Pat Studio
2	YPD712-02	Product Management for Designers Studio
3	YPD712-03	Venture Creation and Startups in Design Studio

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List of Open Electives

Sr. No.	Course Code	Course Name
1	ODE701-01	AR and VR Technologies in Design
2	ODE701-02	Introduction to UI/UX Design
3	ODE701-03	Community-Based Design

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Course Structure
B. Des Product Design

Semester: VIII   **For the Batch: Ay 25-26 onwards**

Sr. No.	Core	Course Code	Course Name	Teaching Scheme (Hrs./Wek)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Course	Lab	Course	Lab	
1	UC	YPD811	Internship	--	--	48	24	--	200	--	200	400
TOTAL				**--**	**--**	**48**	**24**	**--**	**200**	**--**	**200**	**400**

CIA: Continuous Internal Assessment	**UC**: University Core	**CIA**	**Weightage**	**Description**
L: Theory Lecture	**PC**: Programme Core	CIA 1	10%	Home Assignment
		CIA 2	20%	Mid Term Exam (MTE)
T: Tutorial	**PE**: Programme Elective	CIA 3	10%	Activity/Project and Research Based learning along with seminar presentation
P: Practical	**OE:** Open Elective			
ESE: End Semester Exam		CIA 4	10%	Behavior Attitude+ General Discipline Theory +Practical Attendance
		TOTAL	**50%**	
Written Examination-End Semester Exam (ESE)			50%	
		Total	**100%**	

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