



School of Design

Department of Industrial Design

B. Design Product Design – Semester I

Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	AEEN1111	Communication Skills in English	2	0	0	2	2
2	BDPD1111	Global Design History	3	0	0	3	3
3	BDPD1112	Elements of Design - I	2	1	0	3	3
4	BDPD1113	Design Drawing - I	1	2	3	6	6
5	BDPD1114	Material Studies	3	0	0	3	3
6	BDPD1115	Fundamentals of Typography	1	2	0	3	3
7	BDPD2111	Computer Applications	0	0	3	3	3
8	BDPD2112	Design Thinking - I	0	0	3	3	3
9	BDPD2113	Design Process - I	0	0	3	3	3
10	BDPD2114	Social Etiquette	0	0	1	1	1
		TOTAL	12	5	13	30	30

B. Design Product Design – Semester II

Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	AEEV1121	Environmental Science	2	0	0	2	2
2	BDPD1121	Indian Design History	3	0	0	3	3
3	BDPD1122	Elements of Design - II	2	1	0	3	3
4	BDPD1123	Design Drawing - II	1	2	3	6	6
5	BDPD1124	Interpersonal & Cross Cultural Skills	1	1	1	3	3
6	BDPD2121	Applied Science for Designers	0	0	3	3	3
7	BDPD2122	Material Processing	0	0	3	3	3
8	BDPD2123	Design Thinking - II	0	0	3	3	3
9	BDPD2124	Design Process - II	0	0	3	3	3
10	BDPD2125	Business Etiquette	0	0	1	1	1
		TOTAL	9	4	17	30	30

B. Design Product Design – Semester III

Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	AEPH1213	Professional Ethics	2	0	0	2	2
2	BDPD1211	Mathematics for Design	3	0	0	3	3
3	BDPD1212	Manufacturing Processes	3	0	0	3	3
4	BDPD1213	CAD – I	3	0	0	3	3
5	BDPD1214	Engineering Mechanics	3	0	0	3	3
6	BDPD2211	Skill Workshop/ Foreign Language	0	0	4	4	4
7	BDPD2212	Product Design Lab - I	0	0	3	3	3
8	BDPD2213	DFMA Lab	0	0	3	3	3
9	BDPD2214	Electronic Product Design	0	0	3	3	3
10	BDPD2215	Workshop Practice - I	0	0	3	3	3
		TOTAL	14	0	16	30	30

B. Design Product Design – Semester IV

Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	BDPD1221	Applied Ergonomics	3	0	0	3	3
2	BDPD1222	CAD – II	3	0	0	3	3
3	BDPD1223	Essentials of Management	2	1	0	3	3
4	BDPD1224	Rapid Prototyping	3	0	0	3	3
5	BDPD1225	Interaction/ User Interface Design	2	1	0	3	3
6	BDPD2221	Product Design Lab - II	0	0	3	3	3
7	BDPD2222	Sustainable Design Lab	0	0	3	3	3
8	BDPD2223	Life Cycle Design Lab	0	0	3	3	3
9	BDPD2224	Rapid Prototyping Lab	0	0	3	3	3
10	BDPD2225	Workshop Practice - II	0	0	3	3	3
		TOTAL	13	2	15	30	30

B. Design Product Design – Semester V

Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	PEPD131#	PSE				3	3
2	GEID131#	GEID				3	3
3	GEID131#	GEID				3	3
4	PE/GE	PSE/GE				3	3
5	PE/GE	PSE/GE				3	3
6	PE/GE	PSE/GE				3	3
7	BDPD2311	Product Design Lab - III	0	0	3	3	3
8	BDPD2312	Packaging Design Lab	0	0	3	3	3
9	BDPD2313	Ergonomics Lab	0	0	3	3	3
10	BDPD2314	Smart Product Design	0	0	3	3	3
		TOTAL				30	30

B. Design Product Design – Semester VI

Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	PEPD132#	PSE				3	3
2	GEID132#	GEID				3	3
3	GEID132#	GEID				3	3
4	PE/GE	PSE/GE				3	3
5	PE/GE	PSE/GE				3	3
6	PE/GE	PSE/GE				3	3
7	BDPD2321	Product Design Lab - IV	0	0	3	3	3
8	BDPD2322	UI Design Lab	0	0	3	3	3
9	BDPD2323	UX Design Lab	0	0	3	3	3
10	BDPD2324	Product Photography Lab	0	0	3	3	3
		TOTAL				30	30

B. Design Product Design – Semester VII

Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	BDPD3411	Industry Internship	#	#	#	#	12
2	BDPD3412	Design Project: Phase - I	#	#	#	#	12
3	BDPD3413	Portfolio Design	#	#	#	#	12
		TOTAL	#	#	#	#	36

B. Design Product Design – Semester VIII

Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	BDPD3421	Design Project: Phase - II	#	#	#	#	36
		TOTAL	#	#	#	#	36

Credit Summary

	Credits
Semester I	30
Semester II	30
Semester III	30
Semester IV	30
Semester V	30
Semester VI	30
Semester VII	36
Semester VIII	36
Total	252

B.Design Product Design – Programme Specific Electives							
Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	PEPD1311	Packaging Practices	2	0	1	3	3
2	PEPD1312	Interaction Design - Case Studies	2	1	0	3	3
3	PEPD1313	Product Photography	1	1	1	3	3
4	PEPD1321	Usability Testing	2	1	0	3	3
5	PEPD1322	User Research - Tools & Practices	2	1	0	3	3
6	PEPD1323	Cognitive Ergonomics	2	1	0	3	3

#Out of the 12 electives in the programme, 2 should be programme specific electives, 4 should be Global Electives offered by Department of Industrial Design.

Global Electives – Department of Industrial Design							
Sl. No.	Course Code	Course Title	L	T	S	Contact Hrs/Wk	Credits
1	GEID1311	Joining Technology	3	0	0	3	3
2	GEID1312	Design for Social Responsibility	2	1	0	3	3
3	GEID1313	Universal Design	2	1	0	3	3
4	GEID1314	Fundamentals of Finite Element Analysis	2	1	0	3	3
5	GEID1315	Advanced Materials	3	0	0	3	3
6	GEID1321	Designing for 3D Printing	3	0	0	3	3
7	GEID1322	Estimation and Costing	3	0	0	3	3
8	GEID1323	Foundry Technology	3	0	0	3	3
9	GEID1324	Forming Technology	3	0	0	3	3
10	GEID1325	Non Traditional Machining	3	0	0	3	3