

**Semester - 1**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18100116	Social Ecology & Environment Studies	3	30	30	-	-	60	-	-	40	-	50	100
18100117	Design Concepts	3	15	60	-	-	60	-	-	40	-	50	100
18100118	Visual Expression I	4	-	120	-	-	60	-	-	40	-	50	100
18100119	Creative Skills I	3	-	90	-	-	60	-	-	40	-	50	100
18100120	Research Methodology	2	15	30	-	-	60	-	-	40	-	50	100
18100121	Objects as History	3	15	60	-	-	60	-	-	40	-	50	100
18100122	Basic Communication Skills	2	15	30	-	-	60	-	-	40	-	50	100
	<b>Total</b>	<b>20</b>	<b>90</b>	<b>420</b>									<b>700</b>

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**

**Semester - 2**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18100168	Cultural Studies	3	30	30	-	-	-	60	-	40	-	50	100
18100169	Design Process	3	15	60	-	-	-	60	-	40	-	50	100
18100170	Visual Expression II	4	-	120	-	-	-	60	-	40	-	50	100
18100171	Creative Skills II	4	-	120	-	-	-	60	-	40	-	50	100
18100172	Design Thinking	2	15	30	-	-	-	60	-	40	-	50	100
18100173	Introduction to Specialization	2	15	60	-	-	-	60	-	40	-	50	100
18100174	Business Communication	2	15	30	-	-	-	60	-	40	-	50	100
	<b>Total</b>	<b>20</b>	<b>90</b>	<b>450</b>									<b>700</b>

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**

**Semester - 3**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104208	Product as History: Brief Timeline	3	30	30	-	-	-	60	-	40	-	50	100
18104209	How Things Work: Basic Mechanism	4	30	60	-	-	-	60	-	40	-	50	100
18104210	Process Drawing & Digital Presentation I	4	30	60	-	-	-	60	-	40	-	50	100
18104211	Material & Manufacturing Process I	4	30	60	-	-	-	60	-	40	-	50	100
18104212	Design Studio I: Discovery, Design & Development	3	15	60	-	-	-	60	-	40	-	50	100
	Elective_3_PD (Compulsory Subjects :1) -	2	15	30	-	-	-	-	-	-	-	-	100
	<b>Total</b>	<b>20</b>	<b>150</b>	<b>300</b>									<b>600</b>

**Semester - 3 Elective\_3\_PD**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104232	Product Photography	2	15	30	-	-	-	60	-	40	-	50	100
18104233	Design, Self & Society	2	15	30	-	-	-	60	-	40	-	50	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical  
Theory Passing % : 50 Practical Passing % : 50

**Semester - 4**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104257	Design Studio II – Research Design & Development	4	30	60	-	-	-	60	-	40	-	50	100
18104258	Material & Manufacturing Processes II	4	30	60	-	-	-	60	-	40	-	50	100
18104259	Process Drawing & Digital Presentation II	4	30	60	-	-	-	60	-	40	-	50	100
18104260	Models, Mockups & Prototypes	3	15	60	-	-	-	60	-	40	-	50	100
18104261	Human Factors, Ergonomics & Interface	3	15	60	-	-	-	60	-	40	-	50	100
	Elective_4_PD (Compulsory Subjects :1) -	2	15	30	-	-	-	-	-	-	-	-	100
	<b>Total</b>	<b>20</b>	<b>135</b>	<b>330</b>									<b>600</b>

**Semester - 4 Elective\_4\_PD**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104282	Renewable energy	2	15	30	-	-	-	60	-	40	-	50	100
18104283	Toy Design – Nature Inspired	2	15	30	-	-	-	60	-	40	-	50	100

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**

**Semester - 5**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104308	Strategic Management	3	30	30	-	-	-	60	-	40	-	50	100
18104309	Product Promotion & Packaging	3	15	60	-	-	-	60	-	40	-	50	100
18104310	Computer Aided Industrial Design	5	30	90	-	-	-	60	-	40	-	50	100
18104311	Design Studio III	4	30	60	-	-	-	60	-	40	-	50	100
18104312	History of Industrial Design	3	30	30	-	-	-	60	-	40	-	50	100
	Elective_5_PD (Compulsory Subjects :1) -	2	15	30	-	-	-	-	-	-	-	-	100
	<b>Total</b>	<b>20</b>	<b>150</b>	<b>300</b>									<b>600</b>

**Semester - 5 Elective\_5\_PD**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104332	Design for Business	2	15	30	-	-	-	60	-	40	-	50	100
18104333	Design Etiquettes	2	15	30	-	-	-	60	-	40	-	50	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical  
Theory Passing % : 50 Practical Passing % : 50

**Semester - 6**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104358	Anthropology & Design : Objects, Sites, System	4	30	60	-	-	-	60	-	40	-	50	100
18104359	Materials & Performance	3	15	60	-	-	-	60	-	40	-	50	100
18104360	Product Design Semantics & Aesthetics	4	30	60	-	-	-	60	-	40	-	50	100
18104361	Design Studio IV	4	30	90	-	-	-	60	-	40	-	50	100
18104362	Professional Practices & Portfolio	3	30	30	-	-	-	60	-	40	-	50	100
	Elective_6_PD (Compulsory Subjects :1) -	1	15	-	-	-	-	-	-	-	-	-	100
	<b>Total</b>	<b>19</b>	<b>150</b>	<b>300</b>									<b>600</b>

**Semester - 6 Elective\_6\_PD**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104382	Product Merchandising	1	15	-	-	60	-	-	40	-	50	-	100
18104383	Social Psychology & Practices	1	15	-	-	60	-	-	40	-	50	-	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical  
Theory Passing % : 50 Practical Passing % : 50

**Semester - 7**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104406	Well Being: Material Impact	4	30	60	-	-	-	60	-	40	-	50	100
18104407	Design Studio – UX/UI (App Design)	4	30	60	-	-	-	60	-	40	-	50	100
18104408	Design Studio V: Integrated Research & Development	4	30	60	-	-	-	60	-	40	-	50	100
18104409	Product & Story Telling	3	30	30	-	-	-	60	-	40	-	50	100
18104410	Product Innovation	3	15	60	-	-	-	60	-	40	-	50	100
	Elective_7_PD (Compulsory Subjects :1) -	2	15	30	-	-	-	-	-	-	-	-	100
	<b>Total</b>	<b>20</b>	<b>150</b>	<b>300</b>									<b>600</b>

**Semester - 7 Elective\_7\_PD**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104432	Applied Robotics	2	15	30	-	-	-	60	-	40	-	50	100
18104433	Smart Products	2	15	30	-	-	-	60	-	40	-	50	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical  
Theory Passing % : 50 Practical Passing % : 50

**Semester - 8**

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
18104452	Integrated Industry Design Studio	8	30	180	-	-	-	60	-	40	-	50	100
18104454	Internship	12	-	-	24	-	60	-	-	40	-	50	100
	<b>Total</b>	<b>20</b>	<b>30</b>	<b>180</b>	<b>24</b>								<b>200</b>

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**