

## Bachelor of Design (Industrial Design)

### VIT School of Design

Programme Credit Structure		Credits	Discipline Elective Courses		35
<b>Discipline Core Courses</b>		98			
<b>Discipline Elective Courses</b>		35	BBDE309P	Toy Design	0 0 6 3
<b>Ability Enhancement Courses</b>		05	BBDE310E	Product Branding	2 0 2 3
<b>Skill Enhancement Courses</b>		09	BBDE311E	Design for Sustainability	2 0 2 3
<b>Open Elective Courses</b>		09	BBDE312E	Visual Syntactics	2 0 2 3
<b>Project and Internship</b>		22	BBDE313E	Inclusive Design	2 0 2 3
<b>Total Graded Credit Requirement</b>		178	BBDE314E	Technical Graphics	2 0 2 3
<b>Non-Graded Credit Requirement</b>		10	BBDE315E	Ethnographic Research	2 0 2 3
			BBDE316E	Artificial Intelligence	2 0 2 3
			BBDE404P	Smart Product Design	0 0 6 3
			BBDE405P	Advanced 3D Modelling and Simulation Techniques (VR and AR)	0 0 8 4
<b>Discipline Core Courses</b>		<b>98</b>			
		<b>L T P C</b>			
BBDE101P	Do it yourself Design	0 0 4 2			
BBDE102L	Introduction to Design	2 0 0 2	BBDE406P	Product Photography	0 0 8 4
BBDE103P	Freehand Sketching and Drawing	0 0 8 4	BBDE407P	Mobility Design	0 0 6 3
BBDE104P	Colour and Composition	0 0 8 4	BBDE408P	Exhibition Design	0 0 8 4
BBDE105P	Design Drawing - Analytical and Orthography	0 0 6 3	BBDE409P	Advanced Computer Aided Design	0 0 8 4
BBDE106P	Design Studio - Material Exploration	0 0 8 4	BBDE410P	Artefacts Design	0 0 8 4
BBDE107L	History of Industrial Design	3 0 0 3	BBDE411P	Mechatronics and Robotics	0 0 8 4
BBDE108P	Creative Exploration Techniques	0 0 4 2	BBDE412P	Nature Inspired Design	0 0 6 3
BBDE109P	Graphic Design and Typography	0 0 4 2	BBDE413P	Retail and Space Design	0 0 8 4
BBDE110P	Design Thinking and Process	0 0 8 4	BBDE414P	Healthcare Product Design	0 0 8 4
BBDE111P	Materials and Processes - Metals	0 0 4 2	BBDE491J	Design Project for Social Concern	5
BBDE201P	Materials and Processes - Non - Metals	0 0 4 2	BBDE492J	Design Project for Special Needs	5
BBDE202P	Computer Aided Design	0 0 4 2	BBDE493J	Design Project for Services	5
BBDE203P	Elements of Form	0 0 6 3	BBDE494J	Collaborative Design Project	5
BBDE204P	Model Making	0 0 6 3	<b>Ability Enhancement Courses</b>		<b>05</b>
BBDE205L	Fundamentals of Ergonomics	2 0 0 2	BENG101N	Effective English Communication (NGC)	0 0 4 2
BBDE206P	Simple Product Design	0 0 8 4	BENG101L	Technical English Communication	2 0 0 2
BBDE207P	Representation Techniques	0 0 4 2	BENG101P	Technical English Communication Lab	0 0 2 1
BBDE208P	Techno - Scientific Principles	0 0 4 2	BFLE200L	Foreign Language	2 0 0 2
BBDE209P	Advanced Form Studies	0 0 8 4	<b>Skill Enhancement Courses</b>		<b>09</b>
BBDE210L	Manufacturing Processes	3 0 0 3	BSTS101P	Quantitative Skills Practice I	0 0 3 1.5
BBDE211E	Advanced Ergonomics	3 0 2 4	BSTS102P	Quantitative Skills Practice II	0 0 3 1.5
BBDE212L	Indian Society and Culture	2 0 0 2	BSTS201P	Qualitative Skills Practice I	0 0 3 1.5
BBDE301E	Product Semantics	2 0 2 3	BSTS202P	Qualitative Skills Practice II	0 0 3 1.5
BBDE302L	Electricals and Electronics	2 0 0 2	BBDE213E	Speculative Design	2 0 2 3
BBDE303P	User Experience Design	0 0 6 3	<b>Non-Graded Credit Requirement</b>		<b>08</b>
BBDE304P	Motion and Transmission	0 0 6 3	BSSC102N	Indian Constitution	2
BBDE305P	Packaging Design	0 0 4 2	BCHY102N	Environmental Sciences	2
BBDE306P	Techno-Aesthetic Detailing	0 0 8 4	BHUM101N	Ethics and Values	2
BBDE307P	Technically Complex Product Design	0 0 8 4	BEXC100N	Extracurricular Activities	2
BBDE308P	Interaction Design	0 0 8 4			
BBDE401L	Product Presentation and Portfolio Making	2 0 0 2			
BBDE402L	Start up and Entrepreneurship	2 0 0 2			
BBDE403P	System Design	0 0 8 4			

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<b>Open Elective Courses</b>	<b>09</b>	<b>Project and Internship</b>	<b>22</b>
Engineering Disciplines   Sciences   Humanities   Social Sciences   Liberal Arts   Economics   Finance   Entrepreneurship   Management		BBDE399J Summer Internship	2
		BBDE499J Graduation Project	20