APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
CET CAMPUS, THIRUVANANTHAPURAM, KERALA - 695016
CURRICULUM
For
BACHELOR OF DESIGN (B.Des)

I^st Semester

Group	Course Code	Course Name	L	T	S	P/D	Total Credits
I	DS101	*Design Studio I	0	0	9	0	9
III	DS103	Visual fundamentals	2	0	0	0	2
III	DS105	Design and Society	2	0	0	0	2
IV	PS101	Communication skills	0	2	0	0	2
II	DS107	Graphics I	1	0	3	0	4
IV	PS103	Digital skills I	0	0	0	3	1
		Total Credits for Semester I					20

2nd Semester

Group	Course Code	Course Name	L	T	S	P/D	Total Credits
I	DS102	*Design Studio II	0	0	9	0	9
III	EH102	Designerly thinking	1	2	0	0	3
III	DS104	History of Design	3	0	0	0	3
II	DS106	Graphics II	1	0	3	0	4
IV	PS102	Digital skills II	0	0	0	3	1
		Total Credits for Semester II					20

Minimum P grade for the subject DS101-Design Studio I is a pre- requisite for enrolling to this semester and registering to the courses.

3rd Semester

Group	Course Code	Course Name	L	T	S	P/D	Total Credits
I	DS201	*Design Studio III	0	0	12	0	12
III	EH201	Design and Environment	2	0	0	0	2
II	DS203	Form Studies	1	0	2	0	3
IV	PS203	Computer Aided Design	0	0	0	3	1
II	PE2XX	Elective 1	1	0	0	3	2
		Total Credits for Semester III					20

Minimum P grade for the subject DS102-Design Studio II is a pre- requisite for enrolling to this semester and registering to the courses.

4th Semester

Group	Course Code	Course Name	L	T	S	P/D	Total Credits
I	DS202	*Design Studio IV	0	0	12	0	12
III	DS204	Design Research	1	0	3	0	4

IV	PE2XX	Elective 2	1	0	0	3	2
IV	PE2XX	Elective 3	1	0	0	3	2
		Total Credits for Semester IV					20
<mark>Minimum P grade for the subject DS201-Design Studio III is a pre- requisite for enrolling to this semester and registering to the courses.</mark>							

5th Semester

Group	Course Code	Course Name	L	T	S	P/D	Total Credits
I	DS301	*Design Studio V	0	0	12	0	12
III	AS301	Advanced Studies in Design	1	0	3	0	4
III	PP301	Design Management	2	0	0	0	2
IV	PE3XX	Elective 4	1	0	0	3	2
		Total Credits for Semester V					20
<mark>Minimum P grade for the subject DS202-Design Studio IV is a pre- requisite for enrolling to this semester and registering to the courses.</mark>							

6th Semester

Group	Course Code	Course Name	L	T	S	P/D	Total Credits
I	DS302	*Design Studio VI	0	0	12	0	12
III	DS304	Technical writing	0	2	0	0	2
III	PE3XX	Elective 5	3	0	0	0	3
III	PE3XX	Elective 6	3	0	0	0	3
		Total Credits for Semester VI					20
<mark>Minimum P grade for the subject DS301-Design Studio V is a pre- requisite for enrolling to this semester and registering to the courses.</mark>							

	7th Semester First Half (3 Months Internship)						
	Course Code	Course Name	L	T	S	P/D	Total Credits
	PT401	Internship	0	0	0	0	4
<mark>Only those who have completed the practical training successfully will be permitted to register for the second half of 7th semester of the B. Des degree course.</mark>							
7th Semester Second Half (3Months)							
Group	Course Code	Course Name	L	T	S	P/D	Total Credits
I	DS401	*Design Studio VII	0	0	12	0	12
	DS403	Dissertation	0	2	0	0	2
III	PP401	Professional Practice	2	0	0	0	2
		Total Credits for Semester VII					20
<mark>Minimum P grade for the subject DS302-Design Studio VI is a pre- requisite for enrolling to this semester and registering to the courses.</mark>							

8th Semester						
Course Code	Course Name	L	T	<mark>S</mark>	P/D	Total Credits
DS402	Project	0	0	0	0	20
	Total Credits for Semester VIII					20
<mark>Minimum P grade for the subject DS401-Design Studio VII is a pre- requisite for enrolling to this semester and registering to the courses.</mark>						

Total Credits for B.Des Program :**160**

Knowledge Segments	
Design Studies	DS
Applied Science	AS
Environment and Humanities	EH
Professional Training	PT
Professional Practice	PP
Program Electives	PE
Practical Skills	PS

List of Electives

	PE201	User Interface design
Elective 1	PE205	Wood – Material and Processes
	PE207	Textile- Material and Processes
	PE209	Advanced Typography
	PE211	Information Design
	PE202	Metal – Material and Processes
	PE204	Ceramics – Material and Processes
Elective 2	PE206	Product Semantics
	PE208	Instructional Design
	PE210	Animation, VFX
	PE301	Product Ergonomics
Elective 3	PE303	Building Services
	PE307	Technical Drawing and detailing
	PE309	Interaction Design
	PE311	User experience(UX) Design

Elective 4	PE302	Transportation Design
	PE304	Game Design
	PE306	Parametric Design
	PE308	Service Design
Elective 5 (Startup)	PE401	Advances in Technology
	PE403	Project planning and Finance
	PE405	Business Models
	PE407	Cost Estimation
Elective 6 (Consultancy)	PE402	Advances in materials and processes
	PE404	Trend monitoring
	PE406	Sustainability in Design
	PE408	Quality control