

ELECTRONICS AND COMPUTER ENGINEERING

B.Tech. V Semester Electronics and Computer Engineering

S. No.	Course Code	Course Title	Periods			Evaluation Scheme				End Semester		Total	Credits
			L	T	P	CT	TA	Total	PS	TE	PE		
1	KECZ-501	Integrated Circuit Design	3	1	0	30	20	50		100		150	4
2	KECZ-502	Digital Signal Processing	3	1	0	30	20	50		100		150	4
3	KECZ-502	Database Management System	3	1	0	30	20	50		100		150	4
4	KECZ-051-054	Department Elective-I	3	0	0	30	20	50		100		150	3
5	KECZ-055-058	Department Elective-II	3	0	0	30	20	50		100		150	3
6	KECZ-551	Integrated Circuits Lab	0	0	2				25		25	50	1
7	KECZ-552	Database Management System Lab	0	0	2				25		25	50	1
8	KECZ-553	Digital Signal Processing Lab	0	0	2				25		25	50	1
9	KECZ-554	Mini Project/Internship **	0	0	2				50			50	1
10	KNC501	Constitution of India, Law and Engineering	2	0	0	15	10	25		50			NC
11		MOOCs (Essential for Hons. Degree)											
		Total										950	22

**The Mini Project or Internship (4weeks) conducted during summer break after IV Semester and will be assessed during Vth Semester.

Course Code

Course Title

Department Elective-I

KECZ-051	Computer Architecture and Organization
KECZ-052	Industrial Electronics
KECZ-053	Optical Communication System
KECZ-054	Advance Digital Design using Verilog

Department Elective-II

KECZ-055	Data Analytics
KECZ-056	Web Designing
KECZ-057	Computer Graphics
KECZ-058	Object Oriented System Design

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B.Tech. VI Semester ELECTRONICS AND COMPUTER ENGINEERING

S. No.	Course Code	Course Title	Periods			Evaluation Scheme				End Semester		Total	Credits
			L	T	P	CT	TA	Total	PS	TE	PE		
1	KECZ-601	Digital Communication	3	1	0	30	20	50		100		150	4
2	KECZ-602	Control System	3	1	0	30	20	50		100		150	4
3	KECZ-603	Design and Analysis of Algorithm	3	1	0	30	20	50		100		150	4
4		Department Elective-III	3	0	0	30	20	50		100		150	3
5		Open Elective-I	3	0	0	30	20	50		100		150	3
6	KECZ-651	Digital Communication Lab	0	0	2				25		25	50	1
7	KECZ-652	Control System Lab	0	0	2				25		25	50	1
8	KECZ-653	Design and Analysis of Algorithm Lab	0	0	2				25		25	50	1
9	KNC601/ KNC602	Constitution of India, Law and Engineering / Indian Tradition, Culture and Society	2	0	0	15	10	25		50			NC
10		MOOCs (Essential for Hons. Degree)											
		Total										900	21

Course Code

Course Title

Department Elective-III

KECZ-061	Microcontroller for Embedded system Design
KECZ-062	Data Communication Networks Web Technology
KECZ-063	Web Technology
KECZ-064	Machine Learning Techniques
KECZ-065	Application of Soft Computing