DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

Evaluation Scheme & Syllabus

For

B.Tech. 4th Year

Electronics and Computer Engineering

On

AICTE Model Curriculum

(Effective from the Session: 2022-23)

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

B.Tech. 4th Year VII 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	KHU 701/ KHU 702	HSMC-1#/ HSMC-2#	3	0	0	30	20	50		100		150	3
2	KECZ 071-074	Department Elective –IV (From EC Domian)	3	0	0	30	20	50		100		150	3
3	KECZ 075-079	Department Elective –V (From CS Doamin)	3	0	0	30	20	50		100		150	3
4		Open Elective-II	3	0	0	30	20	50		100		150	3
5	KECZ 751 A/ KECZ 751 B/ KECZ 751 C	Lab as per department electives*	0	0	2				25		25	50	1
6	KECZ 752	Mini Project or Internship Assessment**	0	0	2				50			50	1
7	KECZ 753	Project 1	0	0	8				150			150	4
8		MOOCs (Essential for Hons. Degree)											
		Total										**850**	**18**

**The Mini Project or internship (4 weeks) conducted during summer break after VI semester and will be assessed during VII semester.

Department Elective-IV

KECZ-071- Information Theory & Coding
KECZ-072- VLSI Design
KECZ-073- Wireless & Mobile Communication
KECZ-074- Microwave & Radar Engineering

Department Elective-V

KECZ-075- Artificial Intelligence
KECZ-076- Internet of Things
KECZ-077- High Performance Computing
KECZ-078- Mobile Computing
KECZ-079- Distributed System

*Lab as per Department Elective

KECZ-751A VLSI Design Lab
KECZ-751B Microwave & Radar Engineering Lab
KECZ-751C Department may conduct one lab based on the CS domain elective chosen for the curriculum. The department shall on its own prepare complete list of practical for the lab and arrange for proper setup and conduct accordingly.

*Students will opt one subject from the list of Department Elective with its corresponding lab.

#Humanities & Social Science including Management Courses

B.Tech. 4th Year VIII 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	KHU-702/ KHU-701	HSMC-2# / HSMC-1#	3	0	0	30	20	50		100		150	3
2	KOE08X	Open Elective –III	3	0	0	30	20	50		100		150	3
3	KOE08X	Open Elective –IV	3	0	0	30	20	50		100		150	3
4	KECZ 851	Project II	0	0	18				100		300	400	9
5		MOOCs (Essential for Hons. Degree)											
		Total										**850**	**18**