

**DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY,
LUCKNOW, UTTAR PRADESH**



**EVALUATION SCHEME & SYLLABUS
FOR
B. TECH. 4TH YEAR**

- **Computer Engineering and Information Technology**
- **Computer Science Information Technology**
- **Information Technology**

Based On

NEP2020

(Effective from the Session: 2025-26)

B. TECH (CE&IT, CSIT, IT) CURRICULUM STRUCTURE

SEMESTER- VII														
S. No.	Code	Subject	Learning Mode	LTP			Evaluation Scheme						Total	Credit
				L	T	P	CT	TA	Total	PS	TE	PE		
1	BCS701	Artificial Intelligence	Offline	3	-	-	20	10	30	-	70	-	100	3
2	Departmental Elective-IV	Departmental Elective-IV	Offline	3	-	-	20	10	30	-	70	-	100	3
3	BOEM**	Open Elective-II	MOOCs	3	0	0	20	10	30	-	70	-	100	3
4	BCS751	Artificial Intelligence LAB	Offline	0	0	2	-	-	-	50	-	50	100	1
5	BIT752	Mini Project or Internship Assessment*		0	0	4	-	-	-	100	-	-	100	2
6	BIT753	Project-I		0	0	10	-	-	-	150	-	-	150	5
7	BIT754	Startup and Entrepreneurial Activity Assessment#		0	0	4	-	-	-	100	-	-	100	2
Total				9	0	20							750	19
*The Mini Project or internship (5-6 weeks) conducted during summer break after VI semester and will be assessed during VII semester. # The Startup and Entrepreneurial Activity Assessment will be done in 7th semester under which a student will have to undergo a startup/entrepreneurship activity of at least 60 hours till 6th semester														

SEMESTER- VIII														
S. No	Code	Subject	Learning Mode	Periods			Evaluation Scheme						Total	Credit
				L	T	P	CT	TA	Total	PS	TE	PE		
1	BOEM**	Open Elective-III	MOOCs	3	0	0	20	10	30		70		100	3
2	BOEM**	Open Elective-IV	MOOCs	3	0	0	20	10	30		70		100	3
3	BIT851	Project-II		0	0	18				100		350	450	10
Total				6	0	18	24						650	16

The Internal Assessment of MOOCs will be done by the respective institute and the External Assessment (End Semester Examination) will be done by the University.

Departmental Elective- IV

1. BCS070 Internet of Things
2. BCS071 Cloud Computing
3. BCS072 Cryptography and Network Security
4. BCS073 Design & Development of Applications