

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



Evaluation Scheme & Syllabus

For

B. Tech. 4th Year

Electrical Engineering

&

Electrical and Electronics Engineering

on

AICTE Model Curriculum & NEP2020

[Effective from the Session: 2025-26]

**Electrical Engineering,
Electrical and Electronics Engineering**

EVALUATION SCHEME - B. TECH 4th YEAR

SEMESTER- VII														
S. No.	Code	Subject	Learning Mode	LTP			Evaluation Scheme						Total	Credit
				L	T	P	CT	TA	Total	PS	TE	PE		
1	BEE701	Power System Protection	Offline	3	0	0	20	10	30	-	70	-	100	3
2	BEE07*	Departmental Elective-IV	Offline	3	0	0	20	10	30	-	70	-	100	3
3	BOE**	Open Elective-II	Offline/ MOOCs	3	0	0	20	10	30	-	70	-	100	3
4	BEE751	Power Systems Protection Lab	Offline	0	0	2	-	-	-	50	-	50	100	1
5	BEE752	Mini Project or Internship Assessment*		0	0	4	-	-	-	100	-	-	100	2
6	BEE753	Project I		0	0	10	-	-	-	150	-	-	150	5
7	BEE754	Startup and Entrepreneurial Assessment [#]		0	0	4	-	-	-	100	-	-	100	2
		Total		9	0	20							750	19

*The Mini Project or internship (4 - 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/ Entrepreneurial activity of at least 60 hours till 6th semester.](#)

Departmental Elective – IV

BEE071: Energy Conservation & Auditing.
 BEE072: HVDC & AC Transmission
 BEE073: Power Quality and FACTS
 BEE074: Electric Drives
 BEE075: Utilization Of Electrical Energy & Electric Traction

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EVALUATION SCHEME - B. TECH 4th YEAR

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	30	70	-	100	3
2	BOEM**	Open Elective-IV	MOOCs	3	0	0	20	10	30	30	70	-	100	3
3	BEE851	Project-II		0	0	18	-	-	-	100	-	350	450	10
		Total		6	0	18							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.