

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



COURSE STRUCTURE/EVALUATION SCHEME

FOR

B.TECH. 4th YEAR

MECHANICAL ENGINEERING

[Effective from Session: 2025-26]

B. Tech.
Mechanical Engineering
Evaluation Scheme
[Effective from Session: 2025-26]

SEMESTER- VII														
S. No.	Code	Subject	Learning Mode	LTP			Evaluation Scheme						Total	Credit
				L	T	P	CT	TA	Total	PS	TE	PE		
1	BME701	Measurement & Metrology	Offline	3	-	-	20	10	30	-	70	-	100	3
2	BME070	Departmental Elective-IV	Offline	3	-	-	20	10	30	-	70	-	100	3
4	BOEM**	Open Elective-II	Offline/ MOOCs	3	0	0	20	10	30	-	70	-	100	3
5	BME751	Measurement & Metrology Lab	Offline	0	0	2	-	-	-	50	-	50	100	1
6	BME752	Mini Project or Internship Assessment*		0	0	4	-	-	-	100	-	-	100	2
7	BME753	Project-1		0	0	10	-	-	-	150	-	-	150	5
8	BME754	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 7 th semester under which a student will have to undergo a startup/entrepreneurship activity of at least 60 hours till 6 th semester.												

SEMESTER- VIII														
S. No	Code	Subject	Learning Mode	Periods			Evaluation Scheme				End Semester		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	BME851	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 Electives

		Specialization-1	Specialization-2	Specialization-3	Specialization-4
Semester	Specialization	Manufacturing & Automation	Thermal Engineering	Design Engineering	Automobile Engineering
VII	Departmental Elective-IV	BME071	BME072	BME073	BAU071
		Additive Manufacturing	Power Plant Engineering	Computer Graphics and Product Modeling	Hybrid Vehicle Propulsion