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



## **COURSE STRUCTURE/EVALUATION SCHEME**

**FOR** 

B.TECH. 4<sup>th</sup> YEAR

**MECHANICAL ENGINEERING** 

[Effective from Session: 2025-26]

## B. Tech. **Mechanical Engineering Evaluation Scheme**

[ Effective from Session: 2025-26]

SEMESTED\_ VII

		SEMESTER- VII												
S.	Code	Subject	Learning Mode	LTP			Evaluation Scheme					Total	Credit	
No.				L	Т	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	-	1	-	50	-	50	100	1
6	BME752	Mini Project or Internship Assessment*		0	0	4	-	-	-	100	-	-	100	2
7	BME753	Project-1		0	0	10	-	-	ı	150	ı	-	150	5
8	BME754	Startup and Entrepreneurial Activity Assessment#		0	0	4	-	-	1	100	1	-	100	2
		Total		9	0	20							750	19

# 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 6<sup>th</sup> semester.

		SEMESTER- VIII													
S.	Code	Subject	Learning Mode	Po	eriods		Ev	aluati	on Sche	me	En Seme		Total	Credit	
No				L	T	P	CT	TA	Total	PS	TE	PE		010010	
1	BOEM**	Open Elective-III	MOOCs	3	0	0	20	10	30	1	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	

<u>The Internal Assessment of MOOCs will be done by the respective institute and the external Assessment (End Semester Examination)</u> 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		
	Dan autor autol	BME071	BME072	BME073	BAU071		
VII	Departmental Elective-IV	Additive Manufacturing	Power Plant Engineering	Computer Graphics and Product Modeling	Hybrid Vehicle Propulsion		