

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



**EVALUATION SCHEME**

**FOR**

**B.TECH. 3<sup>rd</sup> YEAR**

**MECHANICAL ENGINEERING**

**[Effective from Session: 2024-25]**

# MECHANICAL ENGINEERING

## B. Tech. Mechanical Engineering Evaluation Scheme

SEMESTER-V													
Sl. No.	Code	Revised Subject	Type	Category	Period			Evaluation Scheme			End Semester TE / PE	Total	Credits
					L	T	P	CT	TA	Total			
1	BME 501	Heat & Mass Transfer	T	PC	3	1	0	20	10	30	70	100	4
2	BME 502	Machine Design	T	PC	3	1	0	20	10	30	70	100	4
3	BME 503	Industrial Engineering	T	PC	3	1	0	20	10	30	70	100	4
4		Departmental Elective-I	T	PE	3	0	0	20	10	30	70	100	3
5		Departmental Elective-II	T	PE	3	0	0	20	10	30	70	100	3
6	BME 551	Heat Transfer Lab	P	PC	0	0	2		50	50	50	100	1
7	BME 552	Machine Design Lab	P	PC	0	0	2		50	50	50	100	1
8	BME 553	Internet of Things Lab	P	PC	0	0	2		50	50	50	100	1
9	BME 554	Mini Project/Internship Assessment*	P		0	0	2		50	50	50	100	1
10	BNC501/ BNC502	Constitution of India/ Essence of Indian Traditional Knowledge	T	VA/HS	2	0	0	20	10	30	70		NC
11	MOOCs (Essential for Hons. Degree)												
	<b>Total</b>				<b>17</b>	<b>3</b>	<b>8</b>					<b>900</b>	<b>22</b>

\*The Mini Project or internship (4-5 weeks) conducted during summer break after IV semester and will be assessed during V semester.

# MECHANICAL ENGINEERING

## B. Tech. Mechanical Engineering Evaluation Scheme

SEMESTER-VI													
Sl. No.	Code	Revised Subject	Type	Category	Period			Evaluation Scheme			End Semester	Total	Credits
					L	T	P	CT	TA	Total	TE / PE		
1	BME 601	Refrigeration & Air Conditioning	T	PC	3	1	0	20	10	30	70	100	4
2	BME 602	CAD/CAM	T	PC	3	1	0	20	10	30	70	100	4
3	BME 603	Theory of Machines	T	PC	3	1	0	20	10	30	70	100	4
4		Departmental Elective-III	T	PE	3	0	0	20	10	30	70	100	3
5		Open Elective-I	T	OE	3	0	0	20	10	30	70	100	3
6	BME 651	Refrigeration & Air Conditioning Lab	P	PC	0	0	2		50	50	50	100	1
7	BME 652	CAD/ CAM Lab	P	PC	0	0	2		50	50	50	100	1
8	BME 653	Theory of Machines Lab	P	PC	0	0	2		50	50	50	100	1
9	BNC601/ BNC602	Constitution of India/ Essence of Indian Traditional Knowledge	T	VA/HS	2	0	0	20	10	30	70		NC
10	MOOCs (Essential for Hons. Degree)												
		<b>Total</b>			<b>17</b>	<b>3</b>	<b>6</b>					<b>800</b>	<b>21</b>