

**DR. A.P.J. ABDUL KALAM TECHNICAL
UNIVERSITY LUCKNOW**



STUDY & EVALUATION SCHEME & SYLLABUS

FOR

**B. TECH 2nd YEAR
MECHANICAL ENGINEERING**

On

AICTE Model Curriculum

(EFFECTIVE FROM THE SESSION: 2018-19)

SEMESTER- III

Sl.No.	Subject Codes	Subject	Periods			Evaluation Scheme				End Semester		Total	Credit
			L	T	P	CT	TA	Total	PS	TE	PE		
1	KOE038	Basic Electronics Engineering	3	1	0	30	20	50		100		150	3
2	KAS301	Technical Communication	2	0	2	30	20	50		100		150	3
3	KME301	Thermodynamics	3	1	0	30	20	50		100		150	4
4	KME302	Fluid Mechanics & Fluid Machines	3	1	0	30	20	50		100		150	4
5	KME303	Materials Engineering	3	1	0	30	20	50		100		150	4
6	KME351	Fluid Mechanics Lab	0	0	2				25		25	50	1
7	KME352	Material Testing Lab	0	0	2				25		25	50	1
8	KME353	Computer Aided Machine Drawing-I	0	0	2				25		25	50	1
9	KME354	Mini Project or Internship Assessment*	0	0	2			50				50	1
10	KNC301/ KNC302	Cyber Security/Environmental Science	2	0	0	15	10	25		50			NC ⁺
11		MOOCs (Essential for Hons. Degree)											
		Total	16	4	10							950	22

*The Mini Project or internship (3-4 weeks) conducted during summer break after II semester and will be assessed during III semester.

SEMESTER- IV

Sl.No.	Subject Codes	Subject	Periods			Evaluation Scheme				End Semester		Total	Credit
			L	T	P	CT	TA	Total	PS	TE	PE		
1	KAS401	Maths-IV	3	1	0	30	20	50		100		150	4
2	KVE401	Universal Human Values	3	0	0	30	20	50		100		150	3
3	KME401	Applied Thermodynamics	3	0	0	30	20	50		100		150	3
4	KME402	Engineering Mechanics	3	1	0	30	20	50		100		150	4
5	KME402	Manufacturing Processes	3	1	0	30	20	50		100		150	4
6	KME451	Applied Thermodynamics Lab	0	0	2				25		25	50	1
7	KME452	Manufacturing Processes Lab	0	0	2				25		25	50	1
8	KME453	Computer Aided Machine Drawing-II	0	0	2				25		25	50	1
9	KNC402/ KNC401	Environmental Science/Cyber Security	2	0	0	15	10	25		50			NC ⁺
10		MOOCs (Essential for Hons. Degree)											
		Total	17	3	6							900	21