



Dr. A.P.J. Abdul Kalam University, Indore

Grading System

Scheme of Examination

Bachelor of Engineering (Mechanical Engineering)

Semester/Year: V Semester & VI Semester /III Year



Dr. A.P.J. Abdul Kalam University, Indore

Grading System

Scheme of Examination

Bachelor of Engineering (Mechanical Engineering)

SEMESTER : V SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz					
1	ME-501T	Entrepreneurship & Management Concepts	70	20	10	00	00	00	3	1	0	4	100
2	ME-502 T	Turbo Machinery	70	20	10	00	00	00	3	1	0	4	100
3	ME-503 T	Mechanical Measurement and Control	70	20	10	00	00	00	3	1	0	4	100
4	ME-504 T	Machine Component Design	70	20	10	00	00	00	3	1	0	4	100
5	ME-505T	Dynamics Of Machine	70	20	10	00	00	00	3	1	0	4	100
6	HU-223 P	NSS/NCC *	-	-	-	-	-	-	-	-	-	-	Qualifier*
7	ME-503 P	Mechanical Measurement Control	00	00	00	30	10	10	0	0	2	1	50
8	ME-504P	Machine Component Design	00	00	00	30	10	10	0	0	2	1	50
9	ME-505 P	Dynamics Of Machine	00	00	00	30	10	10	0	0	2	1	50
10	ME-506 P	JAVA	00	00	00	30	10	10	0	0	2	1	50
11	ME -507	Soft Skill - I	00	00	00	00	00	50	0	0	2	1	50
12	ME-508	Seminar / Group Discussion (Internal Assessment)	00	00	00	00	00	50	0	0	2	1	50
Total			350	100	50	120	40	140	15	5	12	26	800

L: Lecture

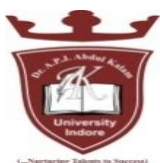
T: Tutorial

P: Practical

Note:

For 'Soft Skill - I' and 'Seminar & Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.

NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.



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Scheme of Examination

Bachelor of Engineering (Mechanical Engineering)

SEMESTER : VI SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Lab Work	Assignment/ Quiz					
1	ME-601T	Operation Management	70	20	10	00	00	00	3	1	0	4	100
2	ME-602T	Power Plant Engineering	70	20	10	00	00	00	3	1	0	4	100
3	ME-603T	Metal Cutting & CNC	70	20	10	00	00	00	3	1	0	4	100
4	ME-604T	IC Engine	70	20	10	00	00	00	3	1	0	4	100
5	ME-605T	Heat and Mass Transfer	70	20	10	00	00	00	3	1	0	4	100
6	HU-223 P	NSS/NCC *	-	-	-	-	-	-	-	-	-	-	Qualifier*
7	ME-603P	Metal Cutting & CNC	00	00	00	30	10	10	0	0	2	1	50
8	ME-604P	IC Engine	00	00	00	30	10	10	0	0	2	1	50
9	ME-605P	Heat and Mass Transfer	00	00	00	30	10	10	0	0	2	1	50
10	ME-606 P	Computer Aided Engineering	00	00	00	30	10	10	0	0	2	1	50
11	ME-607	Soft Skill - II	00	00	00	00	00	50	0	0	2	1	50
12	ME-608	Seminar / Group Discussion (Internal Assessment)	00	00	00	00	00	50	0	0	2	1	50
Total			350	100	50	120	40	140	15	5	12	26	800

L: Lecture

T: Tutorial

P: Practical

Note:

For 'Soft Skill - II', 'Seminar and Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.

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Dr. A.P.J. Abdul Kalam University, Indore

Grading System

Scheme of Examination

Bachelor of Engineering (Mechanical Engineering)

Semester/Year: VII Semester & VIII Semester / IV Year



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Scheme of Examination

Bachelor of Engineering (Mechanical Engineering)

SEMESTER : VII SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignm ent	End Sem.	Lab Work	Assignm ent/ Quiz					
1	ME-701T	Elective - I	70	20	10	00	00	00	3	1	0	4	100
2	ME-702T	Renewable Energy System	70	20	10	00	00	00	3	1	0	4	100
3	ME-703T	Mechanical Vibration & Noise Engineering	70	20	10	00	00	00	3	1	0	4	100
4	ME-704T	Operation Research & Supply Chain	70	20	10	00	00	00	3	1	0	4	100
5	ME-705T	Automobile Engineering	70	20	10	00	00	00	3	1	0	4	100
6	HU-224 P	Yoga	-	-	-	-	-	-	-	-	-	-	Qualifier*
7	ME-703P	Mechanical Vibration & Noise Engineering	00	00	00	30	10	10	0	0	2	1	50
8	ME-704P	Operation Research & Chain Supply	00	00	00	30	10	10	0	0	2	1	50
9	ME-705P	Automobile Engineering	00	00	00	30	10	10	0	0	2	1	50
10	ME-706	Minor Project	00	00	00	60	20	20	0	0	2	1	100
11	ME-707	Industrial Training (4 Week)	00	00	00	30	10	10	0	0	2	1	50
Total			350	100	50	180	60	60	15	5	10	25	800

L : Lecture

T: Tutorial

P: Practical

Note :-

ELECTIVE I :- 701T(A) - Design Of Heat Exchanger / 701T (B) – Industrial Robotics / 701T(C) - Work Study & Ergonomics

-Yoga is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.



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Bachelor of Engineering (Mechanical Engineering)

SEMESTER : VIII SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credits	Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem. Test	Quiz, Assignm ent	End Sem.	Lab Work	Assignm ent/ Quiz					
1	ME-801T	Elective -II	70	20	10	00	00	00	3	1	0	4	100
2	ME-802T	Machine Design	70	20	10	00	00	00	3	1	0	4	100
3	ME-803T	Refrigeration & Air Conditioning	70	20	10	00	00	00	3	1	0	4	100
4	ME-804T	CAD / CAM / CIM	70	20	10	00	00	00	3	1	0	4	100
5	ME-802P	Machine design	00	00	00	30	10	10	0	0	2	1	50
6	ME-803P	Refrigeration & Air Conditioning	00	00	00	30	10	10	0	0	2	1	50
7	ME-804P	CAD / CAM / CIM	00	00	00	30	10	10	0	0	2	1	50
8	ME-806P	RDBMS (Access/ Oracle)	00	00	00	60	20	20	0	0	3	2	100
9	ME-807	Major Project	00	00	00	120	40	40	0	0	8	4	200
10	ME-808	Seminar /Group Discussion	00	00	00	00	00	50	0	0	2	1	50
Total			280	80	40	270	90	140	12	4	19	26	900

L : Lecture

T: Tutorial

P: Practical

Note:-

Elective- II :- 801T(A) Energy Management & Audit / 801T(B) Tools Design and Machine Tools / 801T(C) Reliability and Maintenance.

-Minimum Strength of Ten Students is required to offer an Elective in the College in a Particular Academic Session. Choice of Elective Course once made for an examination cannot be changed for future examinations

-For 'Self study', 'Seminar and Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.