



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

**Scheme of Examination**

**Master of Technology (Structural Engineering)**

**Department of Civil Engineering**



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

## Scheme of Examination

### Master of Technology (Structural Engineering)

### Department of Civil Engineering

#### SEMESTER : 1<sup>ST</sup> SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Hours/Week			Credits	Total marks
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Assignment/ Quiz/lab work	L	T	P		
1	MTSE 101	Advance Mathematics and Numerical Analysis	70	20	10	00	00	3	1	0	4	100
2	MTSE 102	Theory of Elasticity and Introduction to Plasticity	70	20	10	00	00	3	1	0	4	100
3	MTSE 103	Advance Structural Analysis	70	20	10	00	00	3	1	0	4	100
4	MTSE 104	Design of Concrete Structures	70	20	10	00	00	3	1	0	4	100
5	MTSE 105	Computer Aided Design	70	20	10	00	00	3	1	0	4	100
6	MTSE 106	Lab -1 (Concrete)	00	00	00	90	60	0	0	6	6	150
7	MTSE 107	Lab -2 (CAD)	00	00	00	90	60	0	0	6	6	150
		<b>Total</b>	<b>350</b>	<b>100</b>	<b>50</b>	<b>180</b>	<b>120</b>	<b>15</b>	<b>5</b>	<b>12</b>	<b>32</b>	<b>800</b>

L: Lecture

T: Tutorial

P: Practical



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## Scheme of Examination

### Master of Technology (Structural Engineering)

#### Department of Civil Engineering

#### SEMESTER : II<sup>nd</sup> SEMESTER

S. No.	Subject Code	Subject Name	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Hours/Week			Credits	Total marks
			End Sem.	Mid Sem. Test	Quiz, Assignment	End Sem.	Assignment/ Quiz/lab work	L	T	P		
1	MTSE 201	Structural Dynamics	70	20	10	00	00	3	1	0	4	100
2	MTSE 202	FEM in Structural Engineering	70	20	10	00	00	3	1	0	4	100
3	MTSE 203	Advance Concrete Technology	70	20	10	00	00	3	1	0	4	100
4	MTSE 204	Experimental Stress Analysis	70	20	10	00	00	3	1	0	4	100
5	MTSE 205	Theory of Plates and Shells	70	20	10	00	00	3	1	0	4	100
6	MTSE 206	Lab-III (Instrumentation)	00	00	00	90	60	0	0	6	6	150
7	MTSE 207	Lab-IV (Structural Software)	00	00	00	90	60	0	0	6	6	150
		<b>Total</b>	<b>350</b>	<b>100</b>	<b>50</b>	<b>180</b>	<b>120</b>	<b>15</b>	<b>5</b>	<b>12</b>	<b>32</b>	<b>800</b>

L: Lecture

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