



# SAMRAT ASHOK TECHNOLOGICAL INSTITUTE (ENGG. COLLEGE)

(An Autonomous Institute Affiliated to RGPV, Bhopal)  
VIDISHA (M.P.) 464001

## Scheme of Examination W.E.F. 2011-2012

First Semester – ME / M.Tech in \_\_\_\_\_ ENVIRONMENTAL ENGINEERING \_\_\_\_\_

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem Marks	Test (Two)	Assignment /Quiz,	End Sem./ Practical/ Viva	Practical Record/ Assignment/ Quiz/Presentation	
1	MEENV-1111	Chemical & biological principles in environmental Engg.	3	1	-	4	70	20	10	-	-	100
2	MEENV-1112	Industrial waste treatment	3	1	-	4	70	20	10	-	-	100
3	MEENV-1113	Environmental planning	3	1	-	4	70	20	10	-	-	100
4	MEENV-1114	Energy efficient & environment friendly construction materials & techniques	3	1	-	4	70	20	10	-	-	100
5	MEENV-1115	Elective I	3	1	-	4	70	20	10	-	-	100
6	MEENV-1116	Advanced Environmental Lab. I	-	-	6	6	-	-	-	90	60	150
7	MEENV-1117	Advanced Environmental Lab. II	-	-	6	6	-	-	-	90	60	150
<b>Total</b>			<b>15</b>	<b>5</b>	<b>12</b>	<b>32</b>	<b>350</b>	<b>100</b>	<b>50</b>	<b>180</b>	<b>120</b>	<b>800</b>

**L: Lecture    T: Tutorial    P: Practical**

**Elective (E-I)** (a) Site Assessment and Remediation    (b) Contaminant Transport    (c) Environmental Quality Monitoring    (d) Treatment process – I



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Second Semester – ME / M.Tech in \_\_\_\_\_ ENVIRONMENTAL ENGINEERING \_\_\_\_\_

S. No	Subject Code	Subject Name	Periods per week			Credits	Maximum Marks (Theory Slot)			Maximum Marks (Practical Slot)		Total Marks
			L	T	P		End Sem Marks	Test (Two)	Assignment /Quiz,	End Sem./ Practical/ Viva	Practical Record/ Assignment/ Quiz/Presentation	
1	MEENV-1121	Environmental Impact Assessment & Audit	3	1	-	4	70	20	10	-	-	100
2	MEENV-1122	Air Pollution	3	1	-	4	70	20	10	-	-	100
3	MEENV- 1123	Solid Waste Management	3	1	-	4	70	20	10	-	-	100
4	MEENV-1124	Elective II	3	1	-	4	70	20	10	-	-	100
5	MEENV-1125	Elective III	3	1	-	4	70	20	10	-	-	100
6	MEENV-1126	Advanced Environmental Lab. III	-	-	6	6	-	-	-	90	60	150
7	MEENV-1127	Advanced Environmental Lab. IV	-	-	6	6	-	-	-	90	60	150
<b>Total</b>			<b>15</b>	<b>5</b>	<b>12</b>	<b>32</b>	<b>350</b>	<b>100</b>	<b>50</b>	<b>180</b>	<b>120</b>	<b>800</b>

**L: Lecture    T: Tutorial    P: Practical**

**Elective (E-II)**

(a) Instrumentation and Process Control      (b) ) Treatment Process – II      (c) ) Noise Pollution      (d) Building Environment

**Elective (E-III)**

(a) Remote Sensing & GIS application in Env. Engg.      (b) ) Ground water I management  
(c) ) Risk Assessment      (d) Resource Recovery and Utilization