

**COURSE STRUCTURE****First Year M. Tech Power Electronic and Drives (FYMT) – AUTUMN SEMESTER**

Course Code	Course Name	Course Type	Teaching Scheme (Hrs/Week)			Examination Scheme						Credits			
			L	P	ODL	CIE	ETE	TW	PR	OR	Total	L	P	ODL	Total
M24EE101	Advanced Semiconductor Devices	PCC	4	-	-	50	50	-	-	-	100	4	-	-	4
M24EE102	Modelling and Analysis of Electrical Machines	PCC	4	-	-	50	50	-	-	-	100	4	-	-	4
M24EE103	Advanced Power Electronic Converters	PCC	4	-	-	50	50	-	-	-	100	4	-	-	4
M24EE104	Elective-I	PEC	-	-	4	100	-	-	-	-	100	-	-	4	4
M24EE105	Power Conversion and Analysis Lab	PCC	-	4	-	-	-	25	-	25	50	-	2	-	2
M24EE106	Research Lab- I	PEC, Research based	-	4	-	-	-	25	-	25	50	-	2	-	2
<b>Total</b>			<b>12</b>	<b>8</b>	<b>4</b>	<b>250</b>	<b>150</b>	<b>50</b>	<b>-</b>	<b>50</b>	<b>500</b>	<b>12</b>	<b>4</b>	<b>4</b>	<b>20</b>

**M24EE104 Elective -I Domain**

A	Power Quality	B	Soft Computing	C	Control System
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**Abbreviations:**

L- Lecture

ETE- End Term Examination

L : 1 Hr.= 1 credit

P- Practical

TW- Term work

P: 2 Hr. = 1 Credit

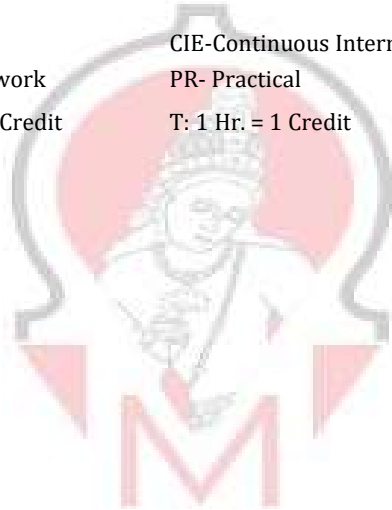
CIE-Continuous Internal Evaluation

PR- Practical

T: 1 Hr. = 1 Credit

OR- Oral

ODL - Open Distance Learning



First Year M. Tech Power Electronic and Drives- SPRING SEMESTER															
Course Code	Course Name	Course Type	Teaching Scheme (Hrs./Week)			Examination Scheme						Credits			
			L	P	ODL	CIE	ETE	TW	PR	OR	Total	L	P	ODL	Total
M24EE201	Switched Mode Power Conversion	PCC	4	-	-	50	50	-	-	-	100	4	-	-	4
M24EE202	Special Machines	PCC	4	-	-	50	50	-	-	-	100	4	-	-	4
M24EE203	Advanced Control Systems	PCC	4	-	-	50	50	-	-	-	100	4	-	-	4
M24EE204	Elective II	PEC	-	-	4	100	-	-	-	-	100	-	-	4	4
M24EE205	Power Converters and Drives Lab	PCC	-	4	-	-	-	25	-	25	50	-	2	-	2
M24EE206	Research Lab- II	PEC, Research based	-	4	-	-	-	25	-	25	50	-	2	-	2
<b>Total</b>			<b>12</b>	<b>8</b>	<b>4</b>	<b>250</b>	<b>150</b>	<b>50</b>	<b>-</b>	<b>50</b>	<b>500</b>	<b>12</b>	<b>4</b>	<b>4</b>	<b>20</b>

M24EE204 Elective -II Domain					
A	Industrial Automation	B	Electric Vehicles	C	Renewable Energy

**Abbreviations:**

L- Lecture

ETE- End Term Examination

L : 1 Hr.= 1 credit

P- Practical

TW- Term work

P: 2 Hr. = 1 Credit

CIE-Continuous Internal Evaluation

PR- Practical

T: 1 Hr. = 1 Credit

OR- Oral

ODL - Open Distance Learning

