

**Marathwada Mitramandal's College of Engineering
Karvenagar, Pune- 52**

An Autonomous Institute



**Curriculum structure for
Second Year B. Tech Electrical Engineering**

A.Y. 2025-26

Permanently Affiliated to SPPU | Accredited with A++ grade by NAAC
Recipient of Best College award by SPPU | Accredited by NBA
Recognized under 2(f) and 12(B) of UGC Act 1956
www.mmcoe.edu.in

Second Year B. Tech Electrical Engineering - SEMESTER - III															
Course Code	Course Name	Course Type	Teaching Scheme (Hrs/week)			Examination Scheme						Credits			
			L	P	T	CIE	ETE	TW	PR	OR	Total	L	P	T	Total
EE24PCC201	Analog and Digital Electronics	PCC	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24PCC202	Network Analysis	PCC	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24PCC203	Power System- I	PCC	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24MDM204	Multidisciplinary Minors	MDM*	2	-	-	40	60	-	-	-	100	2	-	-	2
EE24PCC205	Analog and Digital Electronics Lab	PCC	-	2	-	-	-	-	50	-	50	-	1	-	1
EE24PCC206	Network Analysis Lab	PCC	-	2	-	-	-	-	50	-	50	-	1	-	1
EE24MDM207	Multidisciplinary Minors Lab	MDM*	-	2	-	-	-	25	-	-	25	-	1	-	1
EE24CEP208	Project Based Learning Lab	CEP	-	4	-	-	-	50	-	-	50	-	2	-	2
EE24AEC209	Professional Ethics	AEC	-	-	2	-	-	50	-	-	50	-	-	2	2
SH24VEC201	Environment Sustainability	VEC	-	-	2	-	-	50	-	-	50	-	-	2	2
Total			11	10	4	160	240	175	100	-	675	11	5	4	20

* Refer separate MDM Booklet

Abbreviations:

L- Lecture

ETE - End Term Examination

L : 1 Hr.= 1 credit

P- Practical

TW- Term work

P: 2 Hr. = 1 Credit

T- Tutorial

PR- Practical

T: 1 Hr. = 1 Credit

CIE-Continuous Internal Evaluation

OR- Oral

Course Code	Course Name	Course Type	Teaching Scheme (Hrs/week)			Examination Scheme						Credits			
			L	P	T	CIE	ETE	TW	PR	OR	Total	L	P	T	Total
EE24PCC251	Electrical Machines-I	PCC	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24PCC252	Power Electronics	PCC	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24PCC253	Electromagnetic Field Theory	PCC	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24OEL254	Open Electrive	OEL*	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24PCC255	Electrical Machines-I Lab	PCC	-	2	-	-	-	-	50	-	50	-	1	-	1
EE24PCC256	Power Electronics Lab	PCC	-	2	-	-	-	-	50	-	50	-	1	-	1
EE24VSE257	Programming & Simulation for Electrical Applications Lab	VSE	-	4	-	-	-	50	-	-	50	-	2	-	2
EE24VEC258	Industrial and Technology Management	VEC	-	-	2	-	-	50	-	-	50	-	-	2	2
SH24AEC202	Professional Communication and Personality Development	AEC	-	-	2	-	-	50	-	-	50	-	-	2	2
Total			12	8	4	160	240	150	100	-	650	12	4	4	20

* Refer separate OEL Booklet

Abbreviations:

L- Lecture

ETE - End Term Examination

L : 1 Hr.= 1 credit

P- Practical

TW- Term work

P: 2 Hr. = 1 Credit

T- Tutorial

PR- Practical

T: 1 Hr. = 1 Credit

CIE-Continuous Internal Evaluation

OR- Oral