

Faculty of Engineering & Technology
Department of Electrical Engineering
Minutes of Meeting
Boards of Studies

A meeting of Boards of Studies of Department of Electrical Engineering, FET was held on 19/08/2025 (Tuesday) at 2:30 PM. in conference room of FET. The following members were present:

- | | |
|---------------------------|---------------|
| 1. Dr. Indrajeet Gupta | - Chairperson |
| 2. Dr. Samir Kumar Mishra | - Member |
| 2. Dr. Raghvendra Singh | - Member |



The following members agreed to review the minutes in Delhi.

- | | |
|----------------------|-------------------|
| 1. Prof. Jawar Singh | - External Member |
| 2. Mr. Raj Johri | - External Member |



Agenda:

1. Action Taken Report (ATR) on Minutes of Previous Meeting.

The BOS committee confirmed the minutes of the BOS meeting held on 18/05/2024.

2. To review Result analysis.

The Board reviewed the result analysis and found it to be acceptable but need more improvements.

3. Review of the existing program and their curricula

S. No.	Item No.	Existing	Recommendation /Action Taken
1	No change Syllabus of P.G. Course in Department of Electrical Engineering as per CBCS system admitted in session 2025-26	Marks Based Evaluation System	The BOS discussed the item and Recommended for approval the no change syllabus for 2020-21 session of P.G regular and for 2024-25 session PG part time Course of the Department of Electrical Engineering which is designed as per CBCS system.

The meeting concluded with a vote of thanks to the chair.

Date of the Next Meeting: to be decided and conveyed later

(Chairman)

CC:

1. Dean
2. Registrar Office



Course Curriculum (w.e.f. Session 2020-21)
M.Tech. Power Electronics & Power Systems

First Semester

S. NO.	CODE	SUBJECT	TEACHING SCHEME			EVALUATION SCHEME				TOTAL MARKS	CREDITS	CONTACTS HRS/WK
			L	T	P	CA	MTE	ETE				
1.	MEE-101	Power System Operation & Control	3	1	0	30	20	100	150	4	5	
2.	MEE-102	Advanced Power System Analysis	3	1	0	30	20	100	150	4	5	
3.	MEE-103	Advanced Power Electronics	3	1	0	30	20	100	150	4	5	
4.	MEE-104	Digital Control System	3	1	0	30	20	100	150	4	5	
PRACTICALS												
5.	MEE-151	Power System Lab	0	0	4	-	20	30	50	2	2	
6.	MEE-152	Power Electronics Lab	0	0	4	-	20	30	50	2	2	
		TOTAL	12	4	8	120	120	460	700	20	24	

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Course Curriculum (w.e.f. Session 2020-21)
M.Tech. Power Electronics & Power Systems

Second Semester

S. NO.	CODE	SUBJECT	TEACHING SCHEME			EVALUATION SCHEME				TOTAL MARKS	CREDITS	CONTACTS HRS/WK
			L	T	P	CA	MTE	ETE				
1.	MEE-201	Power System Protection	3	1	0	30	20	100		150	4	5
2.	MEE-202	Advanced Electrical Machines	3	1	0	30	20	100		150	4	5
3.	MEE-203	HVDC Transmission	3	1	0	30	20	100		150	4	5
4.	MEE 011 to MCS 014	Departmental Elective-I	3	1	0	30	20	100		150	4	5
PRACTICALS												
6.	MEE-251	Electrical Machine Lab	0	0	4	-	20	30		50	2	2
7.	MEE-252	Advance Machine Lab	0	0	4	-	20	30		50	2	2
		TOTAL	12	4	8	120	120	460		700	20	24

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Course Curriculum (w.e.f. Session 2020-21)
M.Tech. Power Electronics & Power Systems

Third Semester

S. NO.	CODE	SUBJECT	TEACHING SCHEME			EVALUATION SCHEME				TOTAL MARKS	CREDITS	CONTACTS HRS/WK
			L	T	P	CA	MTE	ETE				
1.	MEE 024 to MEE 027	Departmental Elective-II	3	1	0	30	20	100	150	4	5	
2.	MEE 037 to MEE 040	Departmental Elective-III	3	1	0	30	20	100	150	4	5	
PRACTICALS												
3.	MEE 301	Project/Seminar	0	0	16	-	200	300	500	12	6	
		TOTAL	6	2	16	60	240	500	800	20	16	

Fourth Semester

S. NO.	CODE	SUBJECT	TEACHING SCHEME			EVALUATION SCHEME				TOTAL MARKS	CREDITS	CONTACTS HRS/WK
			L	T	P	CA	MTE	ETE				
PRACTICALS												
3.	MEE 451	Dissertation	0	0	24	-	200	600	800	20	10	
		TOTAL	0	0	24	00	200	600	800	20	10	

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Course Curriculum (w.e.f. Session 2020-21)
M.Tech. Power Electronics & Power Systems

Program Core

S. NO.	CODE	SUBJECT	TEACHING SCHEME		EVALUATION SCHEME					TOTAL MARKS	CREDITS	CONTACTS HR/WK	PRE-REQUISITES		
			L	T	P	J	CA	MTE	ETE						
THEORY															
1.	MEE-101	Power System Operation & Control	3	1	0	0	0	30	20	100	150	4	5		
2.	MEE-102	Advanced Power System Analysis	3	1	0	0	0	30	20	100	150	4	5		
3.	MEE-103	Advanced Power Electronics	3	1	0	0	0	30	20	100	150	4	5		
4.	MEE-104	Digital Control System	3	1	0	0	0	30	20	100	150	4	5		
5.	MEE-201	Power System Protection	3	1	0	0	0	30	20	100	150	4	5		
6.	MEE-202	Advanced Electrical Machines	3	1	0	0	0	30	20	100	150	4	5		
7.	MEE-203	HVDC Transmission	3	1	0	0	0	30	20	100	150	4	5		
PRACTICALS															
8.	MEE-151	Power System Lab	0	0	4	0	0	-	20	30	50	2	2		
9.	MEE-152	Power Electronics Lab	0	0	4	0	0	-	20	30	50	2	2		
10.	MEE-251	Electrical Machine Lab	0	0	4	0	0	-	20	30	50	2	2		
11.	MEE-252	Advance Machine Lab	0	0	4	0	0	-	20	30	50	2	2		
Total			21	7	16	0	0	210	220	820	1250	36	43		

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Program Elective

S. NO.	CODE	SUBJECT	TEACHING SCHEME				EVALUATION SCHEME				TOTAL MARKS	CREDITS	CONTACTS HR/WK	PRE-REQUISITES
			L	T	P	J	CA	MTE	ETE					
Bouquet: Elective I														
THEORY														
1.	MEE 011	EHVAC Transmission	3	1	0	0	30	20	100	150	4	5		
2.	MEE 012	Applied Instrumentation	3	1	0	0	30	20	100	150	4	5		
3.	MEE 013	Distributed Generation	3	1	0	0	30	20	100	150	4	5		
4.	MEE 014	Power Electronics for Renewable Energy Systems	3	1	0	0	30	20	100	150	4	5		

Program Elective

S. NO.	CODE	SUBJECT	TEACHING SCHEME				EVALUATION SCHEME			TOTAL MARKS	CREDITS	CONTACTS HR/WK	PRE-REQUISITES
			L	T	P	J	CA	MTE	ETE				
Bouquet: Elective II													
THEORY													
1.	MEE 024	Energy Management and Audit	3	1	0	0	30	20	100	150	4	5	
2.	MEE 025	Microprocessor & their Application	3	1	0	0	30	20	100	150	4	5	
3.	MEE 026	FACTS Devices	3	1	0	0	30	20	100	150	4	5	
4.	MEE 027	SCADA Systems and Applications	3	1	0	0	30	20	100	150	4	5	

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Program Elective

S. NO.	CODE	SUBJECT	TEACHING SCHEME			EVALUATION SCHEME			TOTAL MARKS	CREDITS	CONTACTS HR/WK	PRE-REQUISITES	
			L	T	P	J	CA	MTE					ETE
Bouquet: Elective III													
THEORY													
1.	MEE 037	Advanced Electrical Drives	3	1	0	0	30	20	100	150	4	5	
2.	MEE 038	Non Conventional Energy Systems	3	1	0	0	30	20	100	150	4	5	
3.	MEE 039	Energy Efficient Machines	3	1	0	0	30	20	100	150	4	5	
4.	MEE 040	Power Quality	3	1	0	0	30	20	100	150	4	5	

Projects

PROJECTS													
S. NO.	CODE	SUBJECT	TEACHING SCHEME				EVALUATION SCHEME			TOTAL MARKS	CREDITS	CONTACTS HR/WK	PRE-REQUISITES
			L	T	P	J	CA	MTE	ETE				
PRACTICALS													
1.	MEE 301	Project/Seminar	0	0	16	0	-	200	300	500	12	6	
2.	MEE 451	Dissertation	0	0	24	0	-	200	600	800	20	10	
TOTAL			0	0	40	0	-	400	900	1300	32	0	