DISCIPLINE– ELECTRICAL ENGG	SEMESTER- 5TH	NAME OF THE TEACHING FACULTY- JYOTIRMAYEE SETHY, LECT (ELECT)	
SUB- EM LAB-II	NO OF CLASSES/ WEEK – 12P	TIME PERIOD- 14.07.2025 TO 15.11.2025 NO OF WEEKS- 18	REMARK
1	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	1. Study of (Manual and Semi automatic) Direct on Line starter, Star-Delta starter, connection and running a 3-phase Induction motor and measurement of starting current.(GR-I & GR-II)	
2	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	2. Study of (Manual and Semi automatic) Auto transformer starter and rotor resistance starter connection and running a 3-phase induction motor and measurement of starting current. .(GR-I & GR-II)	
3	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	3. Study and Practice of connection & Reverse the direction of rotation of Three Phase Induction motor.(GR-I & GR-II)	
4	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	VIVA(EVOLUTION OF RECORDS) .(GR-I & GR-II)	
5	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	4. Study and Practice of connection & Reverse the direction of rotation of Single Phase Induction motor. .(GR-I & GR-II)	
6	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	5. Heat run test of 3-phase transformer. .(GR-I & GR-II)	
7	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	6. OC and SC test of alternator and determination of regulation by synchronous impedance method. .(GR-I & GR-II)	
8	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	VIVA(EVOLUTION OF RECORDS) .(GR-I & GR-II)	
9	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	7. Determination of regulation of alternator by direct loading.(GR-I & GR-II).	
10	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	8. Parallel operation of two alternators and study load sharing. .(GR-I & GR-II)	
11	1ST DAY 2ND DAY 3RD DAY 4THDAY 5TH DAY 6TH DAY	9. Measurement of power of a 3-phase Load using two wattmeter method and verification of the result using one 3-phase wattmeter. .(GR-I & GR-II)	