

DISCIPLINE	SEMESTER	NAME OF THE TEACHING FACULTY	
CIVIL & MECHANICAL ENGG.	1ST	MISS. SINDHUJA PANIGRAHI, GF(ELECTRICAL)	
FUNDAMENTALS OF ELECTRICAL ENGG(PR-4A)		NO. OF DAYS PER WEEK CLASS ALLOTTED : 02	SEMESTER FROM 15/08/2024 TO 24/12/2024
		NO. OF WEEKS:- 15 NOS.	
WEEKS	CLASS DAYS	THEORY TOPICS	
1ST WEEK	1ST	Determine the permeability of magnetic material by plotting its B-H curve	
2ND WEEK	1ST	Determine the permeability of magnetic material by plotting its B-H curve with record check and rubrics	
3RD WEEK	1ST	Measure voltage, current and power in 1-phase circuit with resistive load	
4TH WEEK	1ST	Measure voltage, current and power in 1-phase circuit with resistive load with record check and rubrics	
5TH WEEK	1ST	Measure voltage, current and power in R-L series circuit	
6TH WEEK	1ST	Measure voltage, current and power in R-L series circuit with record check and rubrics	
7TH WEEK	1ST	Determine the transformation ratio(K) of 1-phase transformer	
8TH WEEK	1ST	Determine the transformation ratio(K) of 1-phase transformer with record check and rubrics	
9TH WEEK	1ST	Connect single phase transformer and measure input and output quantities	
10TH WEEK	1ST	Connect single phase transformer and measure input and output quantities with record check and rubrics	
11TH WEEK	1ST	Make Star and Delta connection in starter to run induction motor	
12TH WEEK	1ST	Make Star and Delta connection in starter to run induction motor with record check and rubrics	
13TH WEEK	1ST	Practice of previous experiments with record check and rubrics	
14TH WEEK	1ST	Practice of previous experiments with record check and rubrics	
15TH WEEK	1ST	Practice of previous experiments with record check and rubrics	

S. S. S.
15/08/24
(GF. ELEC)

S. S. S.
15/8/2024
HOD (ELECTRICAL)
GOVT. POLY.
GAJAPATI