


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 06/08/2025 TO 04/12/2025 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

Form
14/08/25


 HOD (ELECTRICAL)
 GOVT. POLY.
 GAJAPATI