## KALINGA NAGAR POLY TECHNIC, TARAPUR, JAJPUR. Lesson plan for 1<sup>ST</sup>SEM2023(winter)

Subject:(Th.4a)Branch: Civil

Class allotted:- 02p/week Faculty name-Aisurya Mishra

w. 1.2 Concept of cept of resistance. 1.4 on of V, I & R in	Teaching Aid White board & marker
cept of resistance. 1.4	
cept of resistance. 1.4	
cept of resistance. 1.4	
.7 Effect of power in	White board & marker
t. THEORY 2.1 between D.C. & A.C.	White board & marker
alue, cycle, Time difference. 2.4 alue, Amplitude ems. 2.5 ms	White board & marker
ance & _C series circuits. c series circuits.	White board & marker
mpedance triangle	White board & marker
ve elementary idea Iro & nuclear power	White board & marker
peration, Derivation, achines. 4.2 Main generator	White board & marker
erent types of DC ngle phase induction	White board & marker
	THEORY 2.1 between D.C. & A.C. alue, cycle, Time difference. 2.4 alue, Amplitude ms. 2.5 ns ance & .C series circuits. series circuits. npedance triangle  ve elementary idea ro & nuclear power  peration, Derivation, achines. 4.2 Main generator

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1	Lesson plan for 1 <sup>ST</sup> SEM2023(winter)			
/eek	16/10/23	4.7 Concept of Lumen 4.8 Different types of Lamps (Filament,	White board &	
NO-10	to	Fluorescent, LED bulb) its Construction and Principle. 4.9 Star rating	marker	
	20/10/23	of home appliances (Terminology, Energy efficiency, Star rating Concept)		
Week	30/10/23	5. WIRING AND POWER BILLING 5.1 Types of wiring	White board &	
No-11	to	for domestic installations. 5.2 Layout of household	marker	
	04/11/23	electrical wiring (single line diagram showing all the important component in the system).		
Week	06/11/23	5.3 List out the basic protective devices used in house hold wiring.	White board &	
No-12	to	5.4 Calculate energy consumed in a small electrical installation	marker &	
	11/11/23		smart board	
Week	13/11/23	6. MEASURING INSTRUMENTS 6.1 Introduction to measuring	White board &	
No-13	to	instruments. 6.2 Torques in instruments.	marker	
	18/11/23			
Week	20/11/23	6.3 Different uses of PMMC type of instruments (Ammeter &	White board &	
No-14	to	Voltmeter). 6.4 Different uses of MI type of instruments (Ammeter	marker &	
	25/11/23	& Voltmeter).	smart board	
	28/11/23	6.5 Draw the connection diagram of A.C/ D.C Ammeter, voltmeter,	White board &	
Week	to	energy meter and wattmeter. (Single phase only).	marker &	
No-15	02/12/23		smart board	
	04/12/22	Previous year question & answer discussion	White board &	
Week	04/12/23	Previous year question & answer discussion	marker &	
No-16	to		smart board	
	09/12/23		Sinc. Care	
Week	11/12/23	Revision		
No-17				

Signature of HOD

signature of faculty