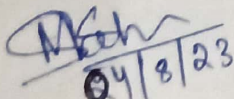
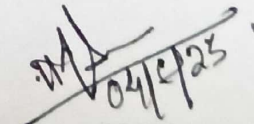




GOVERNMENT POLYTECHNIC, KORAPUT
DEPARTMENT OF MECHANICAL ENGINEERING

Discipline: MECHANICALENGG.	Semester: 3RD	Name of the Teaching Faculty: MANOJA KUMAR SAHU
Subject: ME LAB	No. of days/per week class allotted: 4	Semester From date: 01/08/23 To Date:30/11/23
WEEK	THEORY TOPIC/PRATICAL	
1 ST	Determine end reactions in a simply supported beam using parallel force apparatus.	
2 ND		
3 RD	Determination of Young's modulus using Searle's apparatus	
4 TH		
5 TH	Determination of torsional rigidity of the shaft using torsion testing machine	
6 TH		
7 TH	Determination of salient points (Young's modulus, yield point, fracture point) from stress-strain curve using Universal Testing Machine	
8 TH		
9 TH	Determination of hardness number by Rockwell/Vickers hardness testing machine	
10 TH		
11 TH	Determination of toughness using Impact testing machine (Charpy/Izod)	
12 TH	Determination of Flash point and fire point	
13 TH		
14 TH	Joule's experiment	
15 TH		


04/8/23.
Sign.Of Faculty concerned


04/8/23.
Sign. Of HOD

PRINCIPAL

