

ADITYA COLLEGE OF ENGINEERING TECHNOLOGY



Approved by AICTE, Affiliated to JNTUK Kakinada
Recognized by UGC under section 2(f) of UGC Act 1956
Aditya Nagar, ADB Road, Surampalem-533437

Department of Mechanical Engineering

THERMAL ENGINEERING LAB

2020-2021

LIST OF EQUIPMENT

S.NO	Name of the Equipment	Quantity
1	Single cylinder 4S Diesel Engine with mechanical rope break dynamometer with retardation test & exhaust gas calorimeter	1
2	Single Cylinder 2-Stroke Petrol engine test rig with DC Generator	1
3	Variable Compression Ratio Petrol Engine test rig with DC Generator and motoring test	1
4	2-Stage 2-Cylinder 3HP Reciprocating Air Compressor	1
5	Cut-Section of 4-Stroke Single Cylinder Diesel engine	1
6	Cut Section of 2-Stroke single Cylinder Petrol Engine	1
7	Cut Section of 4-Stroke Single Cylinder Petrol Engine	1
8	4-Stroke 4-Cylinder Petrol Engine Test Rig	1
9	MODELS OF BOILER	
	(a) Simple Vertical Tube Boiler	1
	(b) Cochran Boiler	1
	(c) Lancashire Boiler	1
	(d) Locomotive Boiler	
	(e) Babcock And Wilcox Water Tube Boiler	


Lab In-charge


Head of the Department
Dept. of ME
Aditya College of Engineering
& Technology
SURAMPALAM-533437