

CNC STOCK REGISTER

Name: SMART CNC LATHE WITH SIEMENS 802D SL PLUS  
 (BASIC) CNC SYSTEM WITH ACCESSORIES.

11

Date	Received from/ Issued to	Inv. no.	Rate		Receipt	Issues	Balance	Remarks
			Rs.	Ps				
10/14/2012	LAKSHMI MACHINE WORKS LTD. Machine tool Division Arasur, Coimbatore. 241407. Ph. 0422-3021300 Fax. 0422-2360029	211200207 9 Jul. 12	18,10,962	00	01			
	6" x 3 JHOL CHK KIT B-206					01		
	with soft jaws					01		
	HOL HYD cylinder kit					01		
	Tailstock assembly with revolving Centre					01		
	Voltage stabilizer 15KVA - Siemens					01		
	Main motor assembly 5.7KW SIEMENS STD (45 - 4500 rpm)					01		
	NC panel Cooler					01		
	Control Transformer assembly - 700VA					01		
	coolant above head stock					01		
	Interface for chip conveyor Lees Contractor					01		
	Coolant tank with chip tray - 100Lpm pump.					01		
	Foot plate					06		
	Air diverting plate					01		

Stock mustered as per the stock book  
and found correct. on 15.3.2020

~~W~~  
Workshop Supt.  
Mech. Dept

Lab. in-charge.  
APME

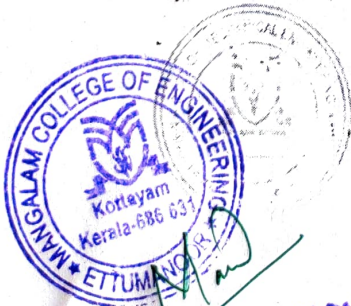


*[Signature]*  
HOD.

All tools and accessories mustered as per  
the stock books on 18.3.2021 and found  
correct.

~~W~~  
Workshop Supt.  
Mech. Dept.

Lab. in-charge  
APME.



*[Signature]*  
HOD.

Dr. K. PRATHEESH  
Head of Department

Department of Mechanical Engineering

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING

MECHANICAL LAB



# INDEX

Sl. No.	ITEM	PAGE No.
1.	Universal Governor Apparatus	1.
2.	Gyroscope	2.
3.	Spring Apparatus	3.
4.	Whirling of Shaft Apparatus	4.
5.	Cam Analysis Apparatus	6.
6.	Verification of Dunkerley's Principle	7.
7.	Static and Dynamic Balancing Apparatus	8.
8.	Metallurgical Microscope	9.

# STOCK REGISTER

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Name.....

Date	Received from or Issued to	Inv. No. or Issued	Rate		Receipts	Issues	Balance	Remarks
			Rs.	Ps.				

stock mustered as per stock book on 15.3.2020 and found correct.

*Philip Mathew*  
(Philip Mathew)  
Lab Instructor

*Abu Cheryas*  
Lab. In. charge  
APME



*Abu Cheryas*  
Lab. In. charge

All equipments mustered as per the stock book on 17.3.2021 and found correct.

*Philip Mathew*  
(Mr. Philip Mathew)  
Lab instructor.



Mr. (Abu. Cheryas)  
APME

Lab. in. charge

Internal Quality Assurance Cell (IQAC)  
Mangalam College of Engineering  
Kottayam, India - 686 631

*Dr. C. Pratheesh*  
Head of Department

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Department of Mechanical Engineering



# THERMAL ENGG: LAB - I

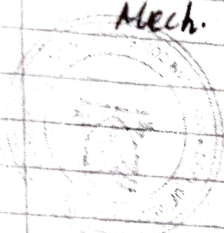



# INDEX

PAGE NO	ITEM
1	FOUR STROKE DIESEL ENGINE
2	SINGLE CYLINDER DIESEL ENGINE
3	FOUR STROKE PETROL ENGINE
4	CENTRIFUGAL AIR BLOWER
6	VAPOUR COMPRESSION REFRIGERATION
7	AIR COMPRESSOR
9	HAND TACHOMETER [FUJI]
10	SPANNERS & SCREW DRIVERS
11	BATTERY
12	STOP - WATCH
13	TEMPERATURE INDICATOR
14	TRIPLE 2 STROKE PETROL ENGINE [BATA]
15	CUT SECTION MODEL OF 1 CYLINDER 2 STROKE P/E
16	CUT SECTION MODEL OF SINGLE CYLINDER 4S
17	RED WOOD VISCOMETER
18	PENSKY MARTEN FLASH POINT APPARATUS
19	CLEVELAND FLASH & FIRE POINT APPARATUS
20	BOMB CALORIMETER APPARATUS
21	JUNKERS GAS CALORIMETER
23	Charts
25	FOUR STROKE SINGLE CYLINDER DIESEL ENGINE.
27	Screw driver (star)
28	Adjustable wrench.

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# STOCK REGISTER

PARTICULARS	Inv No of Bill No	AMOUNT		RECEIPT	ISSUED	BALANCE	Remarks
		Rs	P	Quantity	Quantity	Quantity	
All equipments and tools mustered and found correct as per the stock book on 16.3.2021.							
<i>[Signature]</i>							
Workshop Supt. Mech. Dept.							
<i>[Signature]</i>							
Mr. Jishnu APME (Lab. in-charge).							
							
							
Dr. K. PRATHAP Head of Department Department of Mechanical Engineering							
Internal Quality Assurance Cell (IQAC) Mangalam College of Engineering Kottayam, India - 686 631							
							
PRINCIPAL MANGALAM COLLEGE OF ENGINEERING							
							

STOCKBOOK

ADVANCE MACHINE TOOL



# INDEX

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3	DRILLING MACHINE	2
4	ANGLE GRINDING MACHINE	3
5	POWER HACK-SAW MACHINE	4
6	MILLING CUTTER	5
7	HSS TOOL BIT	6
8	DRILL BIT	8
9	TAP-SET	10
10	RING SPANNER	12
11	SCREW DRIVER	14
12	ALLEN KEY	16
13	FILES	17
14	VERNIER CALIPPER	18
15	DIAL TEST INDICATOR	20
16	STEEL RULE	21
17	HACK-SAW FRAME	22
18	SNIP	23
19	TAP WRENCH	24
20	'G' CLAMP	25
21	ANGLE PLATE	26
22	MACHINE VICE	27
23	VERNIER HEIGHT GAUGE	28
24	VERNIER DEPTH GAUGE	30
25	<del>POWER HACK-SAW</del> DRILL BIT	31
26	DRILL BIT	32
27	DRILL BIT	33
28	DRILL BIT	34
29	DRILL BIT	35
30	DRILL BIT	36
31	TORQUE WRENCH	37
		38

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59

# STOCK REGISTER

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Name

Date	Received from or Issued to	Qty. No or Lst. No	Rate		Receipts	Issues	Balance	Remarks
			Rs	Ps				

All equipment and tools verified as per the  
Stock book and found correct on 18.3.2021

*Philip Mathew*

Mr. Philip Mathew  
(Lab Instructor).

*M*

(Mr. Manoj Bala)  
APME  
Lab - in charge.

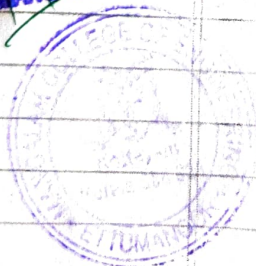


*Dr. K. Pratheesh* HOD.

Dr. K. PRATHEESH  
Head of Department  
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*M* PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING





STOCK REGISTER

THERMAL ENGG:

LAB II

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4	HEAT TRANSFER THROUGH COMPOSITE WALL	4
5	PARALLEL FLOW/COUNTER FLOW HEAT EXCHANGER	5
6	HEAT TRANSFER CO-EFFICIENT IN A FORCED CONVECTION THROUGH PIPE	6
7	HEAT TRANSFER CO-EFFICIENT IN NATURAL CONVECTION	7
8	AIR CONDITIONING CYCLE TEST RIG	8
9	Charts	9



# STOCK REGISTER

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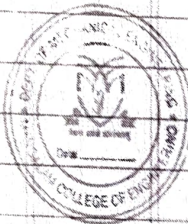
Name.....

Date	Received from or Issued to	Inv No or Issue	Rs		Receipts	Issues	Balance	Remarks

All equipments mustered as per stock book on 15.3.2020 and found correct.

~~Philip~~  
(Mr. Philip Mathew)  
Lab instructor

~~APME~~  
Lab. in. charge  
APME



*[Signature]*  
HCB

All equipments and items mustered as per the stock book on 18.3.2021 and found correct.

~~Philip~~  
Mr. Philip Mathew  
Lab. Instructor.

Mr. Hariprasad  
APME  
Lab. in charge.



*[Signature]*  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING

*[Signature]*

Dr. HODDEESH  
Head of Department  
Department of Mechanical Engineering

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MEASUREMENT LAB STOCK BOOK



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3	Load Cell Trainer Module	4
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5	Dead Weight pressure Gauge Tester	6
6	Stroboscope Demonstration Setup	7
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8	Milling Tool Dynamometer	9
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11	Charts	12
12	Bevel Protractor	15
13	Side bar	16
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21	Slip gauge set	27
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# STOCK REGISTER

Name .....

Date

Received from  
or  
Issued to

In. No  
or  
Issue

Rs

Ps

Receipts

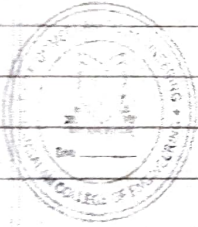
Issues

Balance

All equipments mustered as per the stock books  
on 18.3.2021 and found correct.

~~Lab~~  
(Mr. ~~Abhishek~~ MN)  
Lab. instructor

~~Lab~~  
(Mr. Albert Matteo)  
APME  
lab-in-charge.



*[Signature]*

HOD.

Dr. K. PRADEESH  
Head of Department  
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Kottayam, India - 686 631





MACHINE SHOP

STOCK

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8	Bench vice	8
9	Drill Bit	9
10	Drill bit	10
11	Universal surface gauge	11
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# STOCK REGISTER

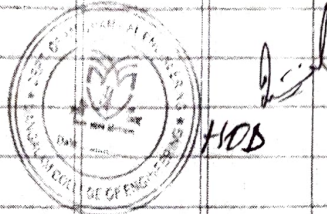
Name

Date	Description of Particulars	Qty or No.	Rate		Receipts	Issues	Balance	Remarks
			Rs.	Paise				

All machines and tools mustered as per the stock book on 18.3.2020 and found correct.

*Philip*  
(Mr. Philip Mathew)  
Lab-instructor

*Mangal Bala*  
Lab. in-charge  
APME.



HOD

All machines and tools mustered as per the stock book on 18.3.2021 and found correct.

*Philip*  
(Mr. Philip Mathew)  
Lab-instructor

*Mangal Bala*  
Lab-in-charge  
APME.



*Manoj*  
PRINCIPAL Dr. K. PRATYUSHA  
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