



# UNNAMALAI INSTITUTE OF TECHNOLOGY

Suba Nagar, Kovilpatti-628502

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

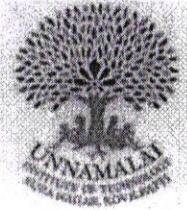
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## Maintenance Chart For Fire Extinguishers

Staff In-charge name : <u>Gr. Marimuthu</u>						Academic year: <u>2022-2023</u>				
Extinguishers type: <u>Dry Chemical Powder</u>										
Inspection date: <u>24-7-23</u>										
Extinguishers Number	Extinguishers location	Weight (kg)	Tube (kgf/cm <sup>2</sup> )	Pressure	Date of seal	Date of bracket	Date of charged	Date of expire	Sign of the staff in-charge	Remarks
87069	GF-I	4	OK	35	25/7/23	25/7/23	25/7/23	24/7/24	G. Marimuthu	
86587	GF-II	5	OK	30	25/7/23	25/7/23	25/7/23	24/7/24	G. Marimuthu	
86588	FF	5	OK	30	25/7/23	25/7/23	25/7/23	24/7/24	G. Marimuthu	
86179	SF	4	OK	35	21/7/23	25/7/23	21/7/23	20/7/24	G. Marimuthu	
87085	Canteen	4	OK	35	21/7/23	21/7/23	21/7/23	20/7/24	G. Marimuthu	
86594	Library	4	OK	35	25/7/23	25/7/23	25/7/23	24/7/24	G. Marimuthu	
86586	Library	5	OK	30	25/7/23	25/7/23	25/7/23	24/7/24	G. Marimuthu	
86584	Workshop	5	OK	30	25/7/23	25/7/23	25/7/23	24/7/24	G. Marimuthu	
86585	Workshop	5	OK	30	25/7/23	25/7/23	25/7/23	24/7/24	G. Marimuthu	
86609	Thermal Lab	4	OK	35	25/7/23	25/7/23	25/7/23	24/7/24	G. Marimuthu	

(Attached)  
Dr. D. RAVINDRAN, M.E., Ph.D.,  
Principal  
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Maintenance Chart For Rest Room 22-23

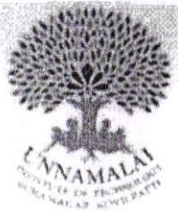
Supervisor name; : **S. NIVEDHA AP/CE**

Type of Maintenance: Daily

Date	Student		Staffs		Sign of Supervisor
	Gents	Ladies	Gents	Ladies	
2.01.2023	✓	✓	✓	✓	G. out
3.01.2023	✓	✓	✓	✓	G. out
4.01.23	✓	✓	✓	✓	G. out
5.01.23	✓	✓	✓	✓	G. out
6.01.23	✓	✓	✓	✓	G. out
9.01.23	✓	✓	✓	✓	G. out
10.01.23	✓	✓	✓	✓	G. out
12.01.23	✓	✓	✓	✓	G. out
13.01.23	✓	✓	✓	✓	G. out
19.01.23	✓	✓	✓	✓	G. out
24.01.23	✓	✓	✓	✓	G. out
25.01.23	✓	✓	✓	✓	G. out
30.01.23	✓	✓	✓	✓	G. out
31.01.23	✓	✓	✓	✓	G. out

*(Handwritten signature)*  
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Type of Maintenance: Every day Maintenance * 22 - 22										Sign of the floor Coordinator
Date	GF			FF			SF			
	Class room cleaning	Steps cleaning	Dust bin	Class room cleaning	Steps cleaning	Dust bin	Class room cleaning	Steps cleaning	Dust bin	
2/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
3/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
4/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
5/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
6/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
9/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
10/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
12/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
13/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
19/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
24/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
25/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
30/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty
31/1/2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q.Puty

Principal  
Q.Puty

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Maintenance Chart For Water Tank							
Name of the block		Technician name: <i>G. Manimuthu</i>				Academic year; <i>2022-2023</i>	
		Type of Maintenance: Weekly					
		Venue:					
Date	Inspection of corrosion, rust, cracks or warping on the tank body	The tank base And Supporting Structure a In a good Condition	Inspection of sludge In the tank	Are all vents and Fill points protected To prevent water and Debris from entering	In this tank Secured from Unauthorized Access the Locks Maintained	Sign of The Technician	Remarks
<i>7.1.23</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>G. Manimuthu</i>	
<i>16.1.23</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>G. Manimuthu</i>	
<i>21.1.23</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>G. Manimuthu</i>	
<i>28.1.23</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>G. Manimuthu</i>	

*Approved*  
*[Signature]*

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## Maintenance Record for ECE- Laboratories

22		2023-24		23				
S.No	Name of equipment & laboratory	Name of fault	Internal Service	External Service	Date of Service	Remarks	Sign of lab in-charge	Sign of HOD.
①	ASK, PSK, FSK trainer kit (Communication lab)	Service	✓		16-2-23	Serviced	<i>[Signature]</i>	<i>[Signature]</i>
②	DM / ADM trainer kit (Communication lab)	Service	✓		30-3-23	Serviced	<i>[Signature]</i>	<i>[Signature]</i>
③	3MHz - DDS - Function generator (SFG 1013) (Communication lab)	Display Not Working	✓		09-05-23	Problem Rectified	<i>[Signature]</i>	<i>[Signature]</i>
④	Microwave lab. (Equipment Service)	Service	✓		22/06/23	Serviced	<i>[Signature]</i>	<i>[Signature]</i>
⑤	TMS 320 VC5416 Based DSP Starter kit	OP fluctuating	✓		28/07/23	Problem Rectified	<i>[Signature]</i>	<i>[Signature]</i>
⑥	Patch cords - 2 (RF & Optical lab)	Not Working	✓		10/08/23	Replaced New Cords	<i>[Signature]</i>	<i>[Signature]</i>
⑦	LED module (RF & Optical lab)	Power Cord Damaged	✓		30/8/23	Replaced new cords	<i>[Signature]</i>	<i>[Signature]</i>
⑧	VSWR meter, Radiation meter (RF & Optical lab)	Service	✓		07/9/23	Serviced	<i>[Signature]</i>	<i>[Signature]</i>
⑨	DAM, PPM, PWM (Communication lab)	Service	✓		09/9/23	Serviced	<i>[Signature]</i>	<i>[Signature]</i>

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6/10/23

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## Maintenance Record for Mechanical-Laboratories

16 SL. NO	NAME OF THE COMPONENT AND LABORATORY	NATURE OF FAULT	INTERVAL	DATE OF SERVICE	REMARKS	17 SIGN OF USTIC	SIGN OF H.O.D
17	Shaping machine	oil change	✓	17/8/22	Replace with new oil	Balraj	St
18	Surface grinding	belt worn out	✓	30/8/22	Replace new belt	Balraj	St
19	Shaping machine	vice maintenance	✓	7/9/22	lubricating with grease	Balraj	St
20	Vertical milling mlc	Tool damage	✓	23/9/22	Replace with new one	Balraj	St
21	Centre lathe -04 MTC Lab	belt damage	✓	12/10/22	Replace new belt	Balraj	St
22	Slow Speed diesel engine	oil change	✓	22/10/22	Replace with new oil	Balraj	St
23	Air Compressor [Mechatronics Lab]	oil change	✓	17/11/22	Replace with new oil	Balraj	St
24	milling machine [MT2 Lab]	Pulley damage	✓	21/11/22	Replace new pulley	Balraj	St
25	Shaping machine [MT2 Lab]	Service	✓	28/12/22	Full Service completed	Balraj	St
26	Centre lathe [MT1 Lab]	Service lubrication	✓	16-2-23	applying grease to lubricate the lathe	Balraj	St
27	Centre lathe -03 MTC Lab	Switch damage	✓	30-3-23	Replace with new one	Balraj	St
3	Manufacturing Tec. Lab	Service	✓	19-15-23	Service completed	Balraj	St
	Equipment Service [Mechatronics Lab]	Service	✓	22-6-23	Replaced with new one	Balraj	St
4	Chisel -4	handle damage	✓				St

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## Maintenance Record for EEE- Laboratories

20

S No	Name of equipment & Lab	Nature of service	INTERNAL SERVICE	EXTERNAL SERVICE	Date of done	Person	Status of Lab	Status of HOD
84	Buck converter	Diode problem	✓		1.2.23		S. Jay	✓
85	Buck converter	Diode problem			27.2.23		S. Jay	✓
<u>Renewable Energy system</u>								
86	Solar Mini wind Trainer kit	Capacitor problem	✓		16.3.23		S. Jay	✓
87	Mini wind turbine	Spinning problem	✓		17.4.23		S. Jay	✓
88	Blower setup				28.4.23		S. Jay	✓
89	Solar Panel	load error	✓		10.5.23		S. Jay	✓
90	Exp Lab (Electronics)				31.05.23		S. Jay	✓
90	DPDT Switch	Terminal problem	✓		15.6.23		S. Jay	✓
91	SPDT Switch	Loose contact			04.7.23		S. Jay	✓
92	DC Motor	Terminal problem			28.7.23		S. Jay	✓
93	Potentiometer	wire continuity	✓		11.8.23		S. Jay	✓
94	Single Phase Transformer (0-12V)	Open circuit			21.8.23		S. Jay	✓
95	Tube light set	bulb burnt out	✓		19.9.23		S. Jay	✓
96	Center tapped Transformer	winding problem			27.9.23		S. Jay	✓

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