

Sl NO	Date	Identification	Nature of the Defect	Component Replaced	Served By	Bill Amount	Signature	
							Technician	Lab I/c
1.	22.7.24	EC/EC/LCD /001	<u>LCR METER</u> working well	-	Muthurani	-	Muthu Mani <i>[Signature]</i>	<i>[Signature]</i>
2.	12.9.24	EC/EC/RB/530/001-005	<u>DPB</u> checked All the Decade Resistance Boxes.	-	Muthurani	-	Muthu Mani <i>[Signature]</i>	<i>[Signature]</i>
		" " / 7/0/001-005						
		" " / 9/0/001-005						
		" " / 10/0/001-005						

Date	Identification	Nature of Defect				
14-11-2024	Am kit	working well	-	-	M. Muthu	K. Karthik
28-11-2024	ADVANCED Electronic System (+5, +12 -12)	21 Fixed Power Supply 4 number not working	-	-	M. Muthu	K. Karthik
17-12-2024	All CRO TESTING	One CRO not working	-	-	M. Muthu	K. Karthik
06-1-2025						

S.No	Date	Identification No	Nature of defect	Component Replaced
1	21/7/24	SDSP-PC-25	OS Error	OS reinstalled
2	4/8/24	SDSP-PC-8	Software installed	Software installed
3	5/8/24	SDSP-PC-4-B	Matlab installed	Matlab installed
4	16/9/24	SDSP-PC-19	No display	Ram reconnected
5	15/9/24	SDSP-PC-22	Key board Not working	Key board replaced.

Bill Amount	Serviced by	Signature Technician	Lab Incharge
-	M. Guna Sekaran	SG	SG
-	S. Karthiga Devi	SG	SG
-	M. Guna Sekaran	M. Guna	SG
-	S. Karthiga Devi	SG	SG
-	S. Karthiga Devi	SG	SG

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NAME: IC Tester - [5]

Date	Identification No(s)	Nature of Defect
30/12/2019	EC/IC/IT/001 to 005	working well
28/01/2020	EC/IC/IT/001 to 005	working well
24/02/2020	EC/IC/IT/001 to 005	working well
21/03/2020	EC/IC/IT/001 to 005	working well

odd Sem 2020-2021

18/02/2020	EC/IC/IT/001 to 005	working well
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Even Sem 2023-2024

23.7.20	EC/IC/IT/001 to 005	working well
	EC/IC/IT/001 to 005	working well
	EC/IC/IT/001 to 005	working well

12.9.20	EC/IC/IT/001 to 005	working well
	EC/IC/IT/001 to 005	working well

Component Replaced	Bill Amount	Serviced by maintenance	Signature of Technician &c
checked	-	v. Prabha	v. Prabh
checked	-	v. Prabha	v. Prabh
checked	-	v. Prabha	v. Prabh
checked	-	v. Prabha	v. Prabh

checked	-	v. Prabha	v. Prabh
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checked	-	v. Prabha	v. Prabh
checked	-	v. Prabha	v. Prabh
checked	-	v. Prabha	v. Prabh
checked	-	v. Prabha	v. Prabh
checked	-	v. Prabha	v. Prabh

Sl. No	Date	Identification number	Nature of the defect
<u>2021-2022 [Even Sem]</u>			
1.	16.03.22	EC/ML/KI-001-010	working well
2	27.06.22	"	"
<u>2022-2023 [Odd Sem]</u>			
1.	10.08.22	EC/ML/KI-001-010	"
2	28.11.22	"	"
<u>2022-2023 [Even Sem]</u>			
1	18.02.23	EC/ML/KI-001-010	working well
2	16.05.23	"	"
<u>2023-2024 (Odd Sem)</u>			
1.	01.08.23	EC/ML/KI/001-010	Working well
3	01-12-23	"	"
<u>2023-2024 (Even Sem)</u>			
1	29.01.24	EC/ML/KI/001-010	working well
2	12.06.24	"	"
<u>2024-2025 (Odd sem)</u>			
1.	18.07.24	EC/ML/KI/001-010	Working well
2	13.11.24	"	"

Bill amount	Component replaced	Serviced by / Replaced by	Signature of Technician	Lab I/c
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst
K. Kavitha 29/2/23 Dr. K. KAVITHA, M.E. Ph.D. Professor and Head Department of Electronics and Communication Engineering Velammal College of Engineering and Technology, Chennai, Tamil Nadu				
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst
K. Kavitha 16/2/24 Dr. K. KAVITHA, M.E. Ph.D. Professor and Head Department of Electronics and Communication Engineering Velammal College of Engineering and Technology, Chennai, Tamil Nadu				
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst
-	-	M. Praveena	M. Praveena	Asst

Klystron Power Supply:

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Sl.No	Date	Identification No	Nature of defect
1.	22.8.19	EC/OM/VSWR/001-005	Working well
2.	19.9.19	EC/OM/VSWR/001-005	Working well
1.	17.12.20	EC/OM/VSWR/001-005	Working well
1.	5.10.21	EC/OM/VSWR/001-005	Working well
2.	23.12.21	EC/OM/VSWR/001-005	Working well
3.	15.3.22	EC/OM/VSWR/001-005	Working well
1.	7.9.22	EC/OM/VSWR/001-005	Working well.
2.	20.9.22	EC/OM/VSWR/001-005	Working well
3.	10.10.22	EC/OM/VSWR/001-005	Working well
1.	23.11.23	EC/OM/VSWR/001-005	working well.
2.	2.12.23	EC/OM/VSWR/001-005	working well.
1.	18/1/24	EC/OM/VSWR/001-005	Working well.
2.	8/8/24	EC/OM/VSWR/001-5	Working
3.	5/9/24	EC/OM/VSWR/001-005	working well

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Component Replaced	Bill Amount	Maintained / Serviced by	Signature of Technician		Lab. Incharge
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>
-	-	N. Sangeetha	<i>[Signature]</i>		<i>[Signature]</i>

[Signature]
20/12/19
Dr. S. Vasanthakumari
Professor & Head
Department of EEE
VIT-AP College of Engineering & Technology
Vellore, Tamil Nadu

[Signature]
23/06/22
Dr. K. KAVITHA, M.E., Ph.D.
Professor and Head
Department of Electronics
and Communication Engineering
VIT-AP College of Engineering
and Technology (Autonomous, Vellore)










**Velammal College of Engineering and Technology, Madurai
(Autonomous)**

**Department of Information Technology
Lab III Utilization Register**

**Lab in-charge: Mrs.R.Nancy Deborah, AP-III/IT
System Administrator: Mr.R.Ajay**

S.No	Date / Day Order / Session	Cr/Sec	Course Code / Course Name	Course Incharge Name	No. of Systems required	Problem Description	Status	Course Incharge Signature	Lab Incharge Signature (Mrs. R. Nancy Deborah)
1.	02.02.23	II/V A	CS8582 - OOAD Lab	Mr. S. Jagadeesan	36	-	-	[Signature] 2/2/23	[Signature]
2.	06.02.23	II/V A	CS8662 - MAD Lab	Dr. P. Uma Maheswari	39+1	-	-	[Signature] 6/2/23	[Signature]
3.	07.02.23	II/V D	CS8662 - MAD Lab	Ms. P. Suresh Datta	40	-	-	[Signature] 6/2/23	[Signature]
4.	8.2.23	II/V A	21CS211 - OS Lab	Mrs. R. Nancy Deborah	23	Cable problem 1 nos	problem Rectified	[Signature] 8/2/23	[Signature]
5.	8.2.23	II/V A	21CS210 - DBMS Lab	Ms. M. Sureshanga	20	-	-	[Signature] 8/2/23	[Signature]
								[Signature] 11/2/23	[Signature]
								[Signature]	[Signature]

16.	16/02/23	III/II/D	CS8662 - MAP Lab	P. Suresh Babu	35	-	-	16/02/23	By
17.	18/3/23	III/V/A	CS8582 - OOAD Lab	Mr. S. Jagadeesan	40	-	-	Jey	By
18.	21/3/23	III/V/B	CS8582 - OOAD Lab	Mrs. M. Prabha	40	-	-	M. H.	By
19.	1/4/23	III/V/B	BDA Class	Mrs. A. Vinola	40	-	-	11/4/23	By
20.	3/4/23	III/V/B	CS8582 - OOAD Lab	Mrs. M. Prabha	40	OS problem 1 system	Problem Rectified	By 3/4/2023	By
21.	5/4/23	III/V/A	CS8582 - OOAD Lab	Mr. S. Jagadeesan	40	-	-	By 5/4/23	By
22.	11/4/23	III/V/A	CS8662 - MAP Lab	Dr. P. Uma Maheswari	25	-	-	Prasa 11/4/23	By

S.No	Date/Day/Day Session	Year / Sem / Sec	Course code / Name	Course Incharge Name	No. of System Required	Problem Description	Status	Course Incharge Sign	Lab Incharge Sign
108	16.2.24 Day 4 FN	III / V / A	21PCS12 - AAD Lab	R. Umesh	24	-	-		
109	16.2.24 DO:4 FN	III / VI / A	21PCSO2 - EDA LAB	Ms. S. Lavanya	27	-	-	S. Lavanya	
110	17.2.24 DO:5 FN	III / VI / B	21PCS12 AAD Lab	R. Umesh C. Manjula Dewi	15	-	-		
111	17.2.24 DO:5 FN	III / VI / B	21PCSO2 - EDA Lab	Mrs. R. Nancy Deborah Ms. M. Soundarya	18	-	-		
112	19.2.24 DO:6 AN	III / VI / B	21PCSO2 - EDA Lab	Mrs. R. Nancy Deborah Ms. M. Soundarya	24	Cable Problem 2 System	Problem Rectified		

115	5-3-24 DO:5 / FN	III / VI / B	21PCS02 / EDA Lab	Mrs. R. Nancy Deborah.	25	-	-	By 5/3/24	By
116	6.3.24 DO:6 / AN	III / VI / B	21PCS02 / EDA Lab	Mrs. R. Nancy Deborah	22	-	-	By 6/3/24	By
117	6.3.24 DO:6 / AH	III / VI / B	21PCS12 / AAD Lab	Mr. R. UMESH	18	1 Machine as problem	call board with company HO.	By 6/3/24	By
118	8.3.24 DO:2 / AH	III / VI / A	21 PCS12 / AAD Lab	Mr. R. UMESH	14	-	-	By 8/3/24 HOD / IT [Dr. R. Kavitha]	By
119	8.3.24 DO:2 : AN	III / VI / A	21 PCS 02 / EDA Lab	Ms. S. Lavanya	10	-	-	By 8/3/24 S. Lavanya	By
120	19/3/24 DO:4 : FN	III / VI / A	21 PCS12 / AAD Lab	R. UMESH	21	-	-	By 8/3/24	By

S.No	DATE/DAY/ORDER SESSION	YEAR (SEM) SEC	COURSE CODE/ NAME	COURSE INCHARGE NAME	No. OF SYSTEM REQUIRED	PROBLEM DESCRIPTION	STATUS	COURSE INCHARGE SIGN	LAB INCHARGE SIGN
121	12.3.24 D04/FN	III/VI/A	21PCS02 EDALAB	Ms. S. Lavanya	19	-	-	S. Lavanya 12/3/24	Py
122	13.3.24 D05/FN	III/VI/B	21PCS12 AAD Lab	Mr. R. Umesh	17	-	-	Mr. R. Umesh 13/3/24	Py
123	13.3.24 D05/FN	IV/VII/B	21PCS02 EDA Lab	Mrs. R. Nancy Deborah	24	OS problem 1st system	Problem Rectified HP company	Mrs. R. Nancy Deborah 15/3/24	Py
124	21/3/24 D06/AN	III/VII/B	21PCS12 AAD Lab	Mr. R. Umesh	14	-	-	Mr. R. Umesh 21/3/24	Py
125	21/3/24 D06/AN	IV/VII/B	21PCS02/ EDA Lab	Mrs. R. Nancy Deborah	25	-	-	Mrs. R. Nancy Deborah 21/3/24	Py

**Velammal College of Engineering and Technology, Madurai
(Autonomous)**

**Department of Information Technology
Lab II Maintenance Register**

**Lab In-Charge: Mrs. P. Saraswathi, AP-III/IT
System Administrator: Mr. K. Loganathan, TA/IT**

24	27/02/23 Do 1 AN	II/III	Project Work	SKL/ GSR	28	-	-	[Signature]
25	28/02/23 Do 2 FN	II/III	Project work	SKL	28	-	-	28/2/23 [Signature]
26	28/02/23 Do 2 AN		Maintenance Cos updated	Done Done				HOD Dr. R. Kavitha 28/02/23 [Signature]
			Ram cleared for two machines					[Signature]
27	02/03/23 Do 3 FN	II/IV	DBMS Lab	M. Saundarya	22	1 machine as problem	OS uninstalled	[Signature] 29/03/23
28	02/03/23 Do 3 AN	II/III	Project work	SKL	28	-	-	[Signature]
29	03/03/23 Do 5 FN	IV/VIII	Project work	Mrs. M. Prabha	28	-	-	[Signature]
30	03/03/23 Do 5 AN	IV/VIII	Project work	Dr. S. Kandesh	28	-	-	[Signature]

84	24/09/23 D04	IV/VII B	IT8-281 Security Laboratory	Mr. A. Soundarajan	20			M. S. D. / 27/9/23
85 d1	27/09/23 D04	IV/VII B	IT8-111 Passard Cloud computing Lab. 2E	Mrs. G. Srinivasan	19 18			G. S. / 27/9/23
			<p>29/09/2023 Lab Incharge Mrs. P. Saraswathi, AP</p>					<p>29/09/23 HoD IT Dr. R. Kavitha</p>
86 d1	29/09/23 D05	IV 'A'	Training & Placement	Mr. S. Jeyaraman		No Display system no	Ram Churned problem Occurred	Jey
87	30/9/23 D06	IV/VII 'A'	Training & Placement	Mr. S. Jeyaraman		-	-	Jey
89	03/10/23 D01 (FN)		Maintenance Done Basic updates Done Network Switch problem noticed			-	-	K. L. /

S. No	Date / Day / Section	Year / Sem	Course code / Course Name	Course Name	No. of system / Required	Dropout / Description	Status	Course TIC / Signature	Lab TIC / Signature
128	17/2/24 5/AN	II - B IV Sem	21CS211 - OS Lab	Mrs C. Manjula Devi Mrs. A. Vinora	33	-	-		
129	21/2/24 AN	II yr - A	21CS211 OS Lab	Mrs. R. Prabha Mrs. J. John Shiny	35	LAN Problem -	Problem Solved.		
130	22/2/24 PN	II yr - B IV Sem	21CS211 OS Lab	Mrs C. Manjula Devi Mrs. A. Vinora	30	-	-		
131	23/2/24 PN (3,4)	II yr - A IV Sem	21CS211 OS LAB	Mrs. M. Prabha Mrs. J. John Shiny	31	CMOS Problem	Temporarily Solved issue		

Lab Incharge
P. Saraswathi

HOD/IT
Dr. R. Kavitha

132	26/2/24 AN (5,6)	II - B Sec	21CS211 OS Lab	Mrs C. Manjula Devi Mrs. A. Vinora	31	-	-	AP 26/2/24
133	01/03/24 AN DO: 02 (5,6,7)	II - A IV sem	21CS211 OS Lab	Mrs. M. Prabha Mrs. J. John Shiny	29	-	-	M.A. 01/03/24 AP 15/2/24
134	2/3/24 FN DO: 03 (2,3,4)	II - B IV sem	21CS211 OS Lab	Mrs. C. Manjula Devi	22	CMOS Problem for 7 Machines CMOS Battery wants to change	Temporarily solved the date and time issue	AP 2/3/24
135	11/6/24 DO: 2 13/3/24	II - A IV sem	21CS211 OS Lab	Lab Incharge P. Saraswathi	33			4/3/24 HOD/IT Dr. R. Kanitha
135	04/03/24 FN DO: 4 (2,3,4)	II - A IV sem	21CS211 OS Lab	Mrs. M. Prabha Mrs. J. John Shiny	31	CMOS Error date and time to be changed manually	date and time issue solved temporarily	M.A. 04/03/24
136	5/3/24 AN DO: 5 (5,6,7)	II - B IV sem	21CS211 OS Lab	Mrs. A. Vinora Mrs. C. Manjula Devi	33	-	-	AP 5/3/24
137	6/3/24 AN DO: 6 (5,6,7)							

S.No	Date/ Day/Order/ Section	Year/ Sem	Course Code/ Course Name	Course I/C Name	No. of Students Required	Problem Description	Status	Course I/C Signature	Lab I/C Signature
149	3/4/24 DO: 2 (AN) A	II/IV	21CS211 OS Lab	Mrs. N. Prabha Mrs. J. John Shiny	35	CMOS & Binary changed to 2 mechanics	-	K. H. John 3/4/24	
150	4/4/24 DO: 3 (FN)	II/IV	21CS211 OS Lab	Mrs. C. Manjula Devi Mrs. A. Vinora	39	-	-		
151	5/4/24 DO: 4 (FN) 3,4 A	II/IV A	21CS211 OS Lab	Mrs. N. Prabha Mrs. J. John Shiny	31	-	-	K. H. 05/04/24 John 5/4/24	
				Lab in-charge Mrs. P. Saraswathi				5/4/24 Dr. R. Kavitha	
152	6/4/24 DO: 5 (AN) 5,6 B	II/IV B	21CS211 OS Lab	Mrs. C. Manjula Devi Mrs. A. Vinora	30	-	-		

Velammal College of Engineering and Technology, Madurai – 09.

(Autonomous)

Department of Electrical and Electronics Engineering

MAINTENANCE SHEET 2023- 2024

ENGINEERING PRACTICES LAB

VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY, MADURAI - 625 009
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
MAINTENANCE SHEET (ENGINEERING PRACTICES LAB)

Equipment Name: Digital Multimeter Equipment Code: VCET/EEE/EPL/01-07 Year: 2023-2024

√ Tick each cell as weekly checks

No	ODD Semester	Jul				Aug				Sep				Oct				Nov				Dec				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Check Patch Cords	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Check Display	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Signature of Lab Technician	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
	Signature of Lab-Incharge	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

√ Tick each cell as weekly checks

No	ODD Semester	Jul				Aug				Sep				Oct				Nov				Dec				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Change the Batteries	✓				✓				✓				✓				✓				✓				
	Signature of Lab Technician	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
	Signature of Lab-Incharge	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

√ Tick each cell as weekly checks

No	EVEN Semester	Jan				Feb				Mar				Apr				May				Jun				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Check Patch Cords	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Check Display	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Signature of Lab Technician	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
	Signature of Lab-Incharge	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

√ Tick each cell as weekly checks

No	Even Semester	Jan				Feb				Mar				Apr				May				Jun				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Change the Batteries	✓				✓				✓				✓				✓				✓				
	Signature of Lab Technician	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
	Signature of Lab-Incharge	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

[Signature]
16/10/23
HOD/EEE

ELECTRIC CIRCUITS LAB

GOVERNMENT ENGINEERING & TECHNOLOGY, SULTANPUR-KM 008
 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 MAINTENANCE SHEET (ELECTRIC CIRCUIT LAB)


ODD - EVEN SEMESTER
 Equipment Name: DRB, JTB, DCB Year: 2021-2022
 Equipment Code: _____

ODD Semester		Tick each cell as weekly checks																Remarks								
No.	Description	Jul				Aug				Sep				Oct					Nov				Dec			
1	Check Patch Leads	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Check Circuitry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Signature of Lab Technician	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
	Signature of Lab-Incharge	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

ODD Semester		Tick each cell as weekly checks																Remarks								
No.	Description	Jul				Aug				Sep				Oct					Nov				Dec			
1	Change the Batteries	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Signature of Lab Technician	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
	Signature of Lab-Incharge	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

EVEN Semester		Tick each cell as weekly checks																Remarks								
No.	Description	Jan				Feb				Mar				Apr					May				Jun			
1	Check Patch Leads	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Check Circuitry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Signature of Lab Technician	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
	Signature of Lab-Incharge	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

EVEN Semester		Tick each cell as weekly checks																Remarks								
No.	Description	Jan				Feb				Mar				Apr					May				Jun			
1	Change the Batteries	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Signature of Lab Technician	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
	Signature of Lab-Incharge	[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								


 HOD / EEE

ODD & EVEN SEMESTER

Year 2015-2016

Equipment Name: Stepdown & Stepup MOSFET Based Chopper Function Generator Equipment Code: VLE7/EE2/BULK-BOOST/Chopper
VLE7/EE2/FG/1-2

✓ Tick each cell as weekly checks

No	Description	July				August				September				October				November				December				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Work place is clean and orderly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Check electrical power cords/plugs / Terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Check Insulation / Earth	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Check Noise / Vibration / Heat	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Check indicating light operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Signature of Lab Technicians		[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
Signature of Lab-incharge		V. Lak				V. Lak				V. Lak				V. Lak				V. Lak								

✓ Tick each cell as weekly checks

No	Description	January				February				March				April				May				June				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Work place is clean and orderly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Check electrical power cords/plugs / Terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Check Insulation / Earth	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Check Noise / Vibration / Heat	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Check indicating light operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Signature of Lab Technicians		[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
Signature of Lab-incharge		V. Lak				V. Lak				V. Lak				V. Lak				V. Lak								

[Signature]
 HOD/EE

Measurements lab & Control lab

VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY, MADURAI - 625 009
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
MAINTENANCE SHEET (CONTROL & INSTRUMENTATION LAB)

Year: 2023-2024

ODD / EVEN SEMESTER

Equipment Name & Code: (001) **Trax CRD (VCET/EEE/MAI/01-04), Function Generator (VCET/EEE/M&IRG 01-02), Digital Storage Oscilloscope (VCET/EEE/M&DSO 01-02)**

√ Tick each cell as weekly checks

No	Description	July				August				September				October				November				December				Remarks			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV				
		1	Work place is clean and orderly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	
2	Check electrical power cords / plugs / Terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
3	Check Insulation / Earth	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
4	Check Noise / Vibration / Heat	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
5	Check indicating light operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Signature of Lab Technicians		[Signatures]																											
Signature of Lab-Incharge		[Signatures]																											

√ Tick each cell as weekly checks

No	Description	January				February				March				April				May				June				Remark			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV				
		1	Work place is clean and orderly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
2	Check electrical power cords / plugs / Terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
3	Check Insulation / Earth	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
4	Check Noise / Vibration / Heat	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
5	Check indicating light operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Signature of Lab Technicians		[Signatures]																											
Signature of Lab-Incharge		[Signatures]																											

VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY, MADURAI - 625 009
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
MAINTENANCE SHEET (CONTROL & INSTRUMENTATION LAB)

Year: 2023-2024

ODD / EVEN SEMESTER

Equipment Name & Code: CRD (VCET/EEE/COS/CRD 01-04), AFD (VCET/EEE/COS/AFD 01-02), Multimeter (VCET/EEE/COS/MM 01-04)

√ Tick each cell as weekly checks

No	Description	July				August				September				October				November				December				Remarks			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV				
		1	Work place is clean and orderly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	
2	Check electrical power cords / plugs / Terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
3	Check Insulation / Earth	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
4	Check Noise / Vibration / Heat	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
5	Check indicating light operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Signature of Lab Technicians		[Signatures]																											
Signature of Lab-Incharge		[Signatures]																											

√ Tick each cell as weekly checks

No	Description	January				February				March				April				May				June				Remark			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV				
		1	Work place is clean and orderly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
2	Check electrical power cords / plugs / Terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
3	Check Insulation / Earth	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
4	Check Noise / Vibration / Heat	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
5	Check indicating light operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Signature of Lab Technicians		[Signatures]																											
Signature of Lab-Incharge		[Signatures]																											

Electrical Machines Lab

Equipment Name: Panel board / work Table

Equipment Code: VCPT/EEE/ELM/ACD/Red
ACD/INTP

S. No	Description	/ Tick each cell in Weekly checks																								Remarks				
		Jan / Jan				Feb / Aug				Mar / Sep				Apr / Oct				May / Nov				June / Dec								
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV					
1	Checking of work place cleanliness	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
2	Checking of Electrical Power cords / Plugs / Terminals	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3	Insulation Checking / Earth Checking	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
4	Checking of Noise / Vibration / Heat	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
5	Checking of indication lamp	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
6	Checking of ON / OFF switches / Trip Circuits / Fuses	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
7	Checking of Electrical and Mechanical Loads	←—————→																												
8	Checking of moving parts / Carbon brushes	←—————→																												
9	Checking of physical damages	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
10	Verification of overall functioning	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Signature of the Lab Instructor	M. Logaj				M. Logaj				M. Logaj				M. Logaj				M. Logaj				M. Logaj								
	Signature of the Lab in charge	ck				ck				ck				ck				ck				ck								

* De short motor fuses has been changed.

A. S. S. Andriani

VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY, MADURAI – 625 009
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
MAINTENANCE SHEET (Simulation Lab - Computer)
ODD SEMESTER (2023-2024)

		√ Tick each cell as weekly checks																								
		July				August				September				October				November				December				
No	Description	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	Remarks
1	Clean CPU / Monitor / Keyboard / Mouse	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Empty Recycle Bin	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Delete Temp files	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Clean browser history / internet temporary files	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Scan for virus and spyware	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	Check the connections	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
7	Run defrag / disk cleanup the drive	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8	Updated Windows / installed software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
9	Uninstall Unused Programs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
10	Complete Data Backup	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Lab Technician's Sign	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Lab-Incharge Sign.	✓				✓				✓				✓				✓				✓				
	HOD Sign				✓																					

RENEWABLE ENERGY LAB

Equipment Name: 1 kWp Solar Power System with 4 batteries (WITH OFFER ON GRID)
 Equipment Code: VCE1/EEE/RES/3PN-01

No	Description	Tick each cell as weekly checks												Remarks																
		July				August				September					October				November				December							
		I	II	III	IV	I	II	III	IV	I	II	III	IV		I	II	III	IV	I	II	III	IV	I	II	III	IV				
1	Work place is clean and orderly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Check electrical power switch / plugs / terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Check Insulation / Earth and Check Solar PV panel and battery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Check Noise / Vibration / Heat (Hybrid Wind Solar system)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Check indicating light operation of all cell systems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Signature of Lab Technicians		[Signatures]				[Signatures]				[Signatures]				[Signatures]				[Signatures]				[Signatures]								
Signature of Lab-In-charge		[Signature]				[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

No	Description	Tick each cell as weekly checks												Remarks																
		January				February				March					April				May				June							
		I	II	III	IV	I	II	III	IV	I	II	III	IV		I	II	III	IV	I	II	III	IV	I	II	III	IV				
1	Work place is clean and orderly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Check electrical power switch / plugs / terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Check Insulation / Earth and Check Solar PV panel and battery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Check Noise / Vibration / Heat (Hybrid Wind Solar system)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Check indicating light operation of all cell systems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Signature of Lab Technicians		[Signatures]				[Signatures]				[Signatures]				[Signatures]				[Signatures]				[Signatures]								
Signature of Lab-In-charge		[Signature]				[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								

* Final cell kit to be checked

* Battery distilled water to be filled

* Solar panel to be cleaned at ground part

* Solar panel cleaned and zinc cutted

[Handwritten signature]

LABORATORY NAME: SOIL MECHANICS LAB

ACADEMIC YEAR : 20 23 - 2024

S.No	Description	Tick each cell as weekly checks																								Remarks
		Jan/Jul				Feb/Aug				Mar/Sep				Apr/Oct				May/Nov				Jun/Dec				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1.	Ensure work spaces and walk ways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2.	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3.	Visual check of mains electrical switches wiring, Arrange for immediate repair of any faults	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4.	Checking of equipment and instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5.	Confirm the working area is clean & not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign		RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	

S.No	Description	Tick each cell as weekly checks						Remarks
		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	
1.	Conduct close inspection for damage in measuring instruments	✓	✓	✓	✓	✓	✓	
2.	Lubricate/Calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓	
3.	Check availability of specific tools for the instruments (Spanners Allen keys etc...)	✓	✓	✓	✓	✓	✓	
4.	Check of materials/chemicals required for the conduct of lab classes	✓	✓	✓	✓	✓	✓	
Sign		RP	RP	RP	RP	RP	RP	

S. D. M
Lab Incharge
30/6/24

[Signature]
HOD / CIVIL
24/6/24

LABORATORY NAME: SOIL MECHANICS LABORATORY

ACADEMIC YEAR: 2023-24

S.No	Description	Tick each cell as weekly checks												Remarks												
		Jan/Jul			Feb/Aug			Mar/Sep			Apr/Oct				May/Nov			June/Dec								
1	Ensure work spaces and walkways are clear and unobstructed and that no slip hazards are present	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
2	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Visual check of mains electrical switches, wiring. Arrange for immediate repair of faults if any	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Checking of equipments instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Confirm the working area is clean and not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign																										
S.No	Description	Tick each cell as weekly checks												Remarks												
		Jan/Jul			Feb/Aug			Mar/Sep			Apr/Oct				May/Nov			June/Dec								
1	Conduct the inspection for damage in the measuring instruments	✓			✓			✓			✓			✓			✓			✓						
2	Lubricate/calibrate lightly according to manufacturer's specification	✓			✓			✓			✓			✓			✓			✓						
3	Check the availability of specific tools for the instruments (spanners, allen keys etc.)	✓			✓			✓			✓			✓			✓			✓						
4	Check the materials/chemical required for conducting the lab classes	✓			✓			✓			✓			✓			✓			✓						
Sign																										

5
 Lab Incharge

HOD/CIVIL

LABORATORY NAME: HIGHWAY ENGG.LAB

ACADEMIC YEAR : 20 23 - 2024

S.No	Description	Tick each cell as weekly checks																								Remarks
		Jan/Jul				Feb/Aug				Mar/Sep				Apr/Oct				May/Nov				Jun/Dec				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1.	Ensure work spaces and walk ways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2.	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3.	Visual check of mains electrical switches wiring. Arrange for immediate repair of any faults	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4.	Checking of equipment and instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5.	Confirm the working area is clean & not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign		PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	

S.No	Description	Tick each cell as weekly checks							Remarks
		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec		
1.	Conduct close inspection for damage in measuring instruments	✓	✓	✓	✓	✓	✓		
2.	Lubricate/Calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓		
3.	Check availability of specific tools for the instruments (Spanners Allen keys etc...)	✓	✓	✓	✓	✓	✓		
4.	Check of materials/chemicals required for the conduct of lab classes	✓	✓	✓	✓	✓	✓		
Sign		PR	PR	PR	PR	PR	PR		

S. [Signature]
Lab Incharge 30/6/24

[Signature]
HOD / CIVIL 30/6/24

DEPARTMENT OF CIVIL ENGINEERING
PREVENTIVE MAINTENANCE LIST

LABORATORY NAME: Highway Engineering

ACADEMIC YEAR: 23-24

Tick each cell as weekly checks

S.No	Description	Jan/Jul				Feb/Aug				Mar/Sep				April/Oct				May/Nov				June/Dec				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Ensure work spaces and walkways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Visual check of mains electrical switches, wiring. Arrange for immediate repair of faults if any	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Checking of equipments instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Confirm the working area is clean and not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign		P. V. S.				P. V. S.				P. V. S.				P. V. S.				P. V. S.								

Tick each cell as weekly checks

S.NO	Description	Jan/Jul		Feb/Aug		Mar/Sep		April/Oct		May/Nov		June/Dec		Remarks
		I	II	I	II	I	II	I	II	I	II			
1	Conduct the inspection for damage in the measuring instruments	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Lubricate/calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Check the availability of specific tools for the instruments (spanners, allen keys etc.)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Check the materials/chemical required for conducting the lab classes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign		P. V. S.		P. V. S.		P. V. S.		P. V. S.		P. V. S.		P. V. S.		

P. V. S.
Lab Incharge

P. V. S.
HOD/CIVIL
11/10/23

DEPARTMENT OF CIVIL ENGINEERING
PREVENTIVE MAINTENANCE LIST

LABORATORY NAME: CONCRETE LAB

ACADEMIC YEAR : 2023-2024

S.No	Description	Tick each cell as weekly checks																								Remarks
		Jan/Jul				Feb/Aug				Mar/Sep				Apr/Oct				May/Nov				Jun/Dec				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1.	Ensure work spaces and walk ways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2.	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3.	Visual check of mains electrical switches wiring. Arrange for immediate repair of any faults	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4.	Checking of equipment and instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5.	Confirm the working area is clean & not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign		RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	

S.No	Description	Tick each cell as weekly checks							Remarks
		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec		
1.	Conduct close inspection for damage in measuring instruments	✓	✓	✓	✓	✓	✓		
2.	Lubricate/Calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓		
3.	Check availability of specific tools for the instruments (Spanners Allen keys, etc...)	✓	✓	✓	✓	✓	✓		
4.	Check of materials/chemicals required for the conduct of lab classes	✓	✓	✓	✓	✓	✓		
Sign		RP	RP	RP	RP	RP	RP		

Lab Incharge

30/6/24
HOD / CIVIL

LABORATORY NAME: Concrete Laboratory

ACADEMIC YEAR: 2023-24

S.No	Description	Tick each cell as weekly checks																												Remarks
		July				Aug				Sep				Oct				Nov				Dec								
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Ensure work spaces and walkways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Visual check of mains electrical switches, wiring. Arrange for immediate repair of faults if any	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Checking of equipments instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Confirm the working area is clean and not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign																														
S.NO	Description	Tick each cell as weekly checks																												Remarks
		July				Aug				Sep				Oct				Nov				Dec								
1	Conduct the inspection for damage in the measuring instruments	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Lubricate/calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Check the availability of specific tools for the instruments (spanners, allen keys etc.)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Check the materials/chemical required for conducting the lab classes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign																														

Manoj
Lab Incharge

Shankar
HOD/CIVIL 19/10/23

PREVENTIVE MAINTENANCE LIST

ACADEMIC YEAR : 2023 - 2024

LABORATORY NAME: STRENGTH OF MATERIALS LAB

S.No	Description	Tick each cell as weekly checks																								Remarks
		Jan/Jul				Feb/Aug				Mar/Sep				Apr/Oct				May/Nov				Jun/Dec				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1.	Ensure work spaces and walk ways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2.	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3.	Visual check of mains electrical switches wiring, Arrange for immediate repair of any faults	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4.	Checking of equipment and instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5.	Confirm the working area is clean & not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign		RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	

S.No	Description	Tick each cell as weekly checks						Remarks
		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	
1.	Conduct close inspection for damage in measuring instruments	✓	✓	✓	✓	✓	✓	
2.	Lubricate/Calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓	
3.	Check availability of specific tools for the instruments (Spanners Allen keys, etc...)	✓	✓	✓	✓	✓	✓	
4.	Check of materials/chemicals required for the conduct of lab classes	✓	✓	✓	✓	✓	✓	
Sign		RD	RD	RD	RD	RD	RD	

[Signature]
30/6/24
Lab Incharge

[Signature]
30/6/24
HOD / CIVIL

DEPARTMENT OF CIVIL ENGINEERING
PREVENTIVE MAINTENANCE LIST

LABORATORY NAME: STRENGTH OF MATERIALS LABORATORY

ACADEMIC YEAR: 2023-24

S.No	Description	Tick each cell as weekly checks																Remarks								
		Jan/Jul				Feb/Aug				Mar/Sep				Apr/Oct					May/Nov				June/Dec			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Ensure work spaces and walkways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Visual check of mains electrical switches, wiring, Arrange for immediate repair of faults if any	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Checking of equipments Instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Confirm the working area is clean and not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign		[Signature]				[Signature]				[Signature]				[Signature]				[Signature]								
S.NO	Description	Tick each cell as weekly checks														Remarks										
		Jan/Jul		Feb/Aug		Mar/Sep		Apr/Oct		May/Nov		June/Dec														
1	Conduct the inspection for damage in the measuring instruments	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
2	Lubricate/calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
3	Check the availability of specific tools for the instruments (spanners, allen keys etc.)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
4	Check the materials/chemical required for conducting the lab classes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
Sign		[Signature]		[Signature]		[Signature]		[Signature]		[Signature]		[Signature]														

[Signature]
Lab Incharge

[Signature]
HOD/CIVIL

KAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY,
AUTONOMOUS, MADURAI-625009.
DEPARTMENT OF CIVIL ENGINEERING
PREVENTIVE MAINTENANCE LIST

LABORATORY NAME: ENVIRONMENTAL & ENGG. LAB

ACADEMIC YEAR : 20 23 - 24

S.No	Description	Tick each cell as weekly checks																								Remarks
		Jan/Jul				Feb/Aug				Mar/Sep				Apr/Oct				May/Nov				Jun/Dec				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1.	Ensure work spaces and walk ways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2.	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3.	Visual check of mains electrical switches wiring, Arrange for immediate repair of any faults	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4.	Checking of equipment and instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5.	Confirm the working area is clean & not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	

S.No	Description	Tick each cell as weekly checks						Remarks
		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	
1.	Conduct close inspection for damage in measuring instruments	✓	✓	✓	✓	✓	✓	
2.	Lubricate/Calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓	
3.	Check availability of specific tools for the instruments (Spanners Allen keys, etc...)	✓	✓	✓	✓	✓	✓	
4.	Check of materials/chemicals required for the conduct of lab classes	✓	✓	✓	✓	✓	✓	
Sign		R	R	R	R	R	R	



R. M. S. Arun
Lab Incharge
2/7/24

[Signature]
2/6/24
HOD / CIVIL

DEPARTMENT OF CIVIL ENGINEERING
PREVENTIVE MAINTENANCE LIST

LABORATORY NAME: ENVIRONMENTAL ENGG. LABORATORY

ACADEMIC YEAR: 2023-24

S.No	Description	Tick each cell as weekly checks												Remarks								
		Jan/Jul			Feb/Aug			Mar/Sep			Apr/Oct				May/Nov			June/Dec				
1	Ensure work spaces and walkways are clear and unobstructed and that no slip hazards are present	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
2	Ensure fasteners are working properly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Visual check of mains electrical switches, wiring. Arrange for immediate repair of faults if any	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Checking of equipments instruments in working condition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Confirm the working area is clean and not slippery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Sign																						
S.NO	Description	Tick each cell as weekly checks						Remarks														
		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	June/Dec															
1	Conduct the inspection for damage in the measuring instruments	✓	✓	✓	✓	✓	✓															
2	Lubricate/calibrate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓															
3	Check the availability of specific tools for the instruments (spanners, allen keys etc.)	✓	✓	✓	✓	✓	✓															
4	Check the materials/chemical required for conducting the lab classes	✓	✓	✓	✓	✓	✓															
Sign																						

R. M. [Signature]
Lab Incharge

[Signature]
HOD/CIVIL

Equipment/Machine Name: Basic Electro Pneumatic with PLC (VMPT-303LC)

√ Tick each cell as weekly checks

No	Description	Jan.				Feb.				Mar				Apr.				May.				June.				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Ensure workspace and walk-ways are clear and unobstructed and that no slip-hazards are present.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Verify all guards are secure function correctly (Check latches, locks, fasteners and / or interlocks)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Visual check of mains Electrical Switches, Wiring and /or Conduit (Cracks, broken controls etc)Arrange for immediate repair of any faults.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Confirm availability and condition of Personal Protective Equipment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Performing virus check, updation and back up the required data.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	Equipment's and electronic devices are clean and dust free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Lab Technician's Sign		✓				✓				✓				✓				✓				✓			
	Lab-In charge Sign.		fm				fm				fm				fm				fm				fm			
		√ Tick each cell as monthly checks																								
		Jan.				Feb.				Mar				Apr.				May.				June.				
1.	Conduct close inspection for damage to patch cords, switches, sensors, pneumatic and hydraulic valves and connectors.	✓				✓				✓				✓				✓								
2.	Perform disk checkup ,clean the monitor ,keyboard, mouse and printers	✓				✓				✓				✓				✓								
3.	Lubricate the required devices and equipment's lightly according to manufactures specification	✓				✓				✓				✓				✓								
4.	Check availability of the accessories needed for the equipment	✓				✓				✓				✓				✓								
5.	Check floor space for oil and water contamination	✓				✓				✓				✓				✓								
	Sign	✓				✓				✓				✓				✓								
	Lab-In charge Sign.	fm				fm				fm				fm				fm								

ODD SEMESTER

Year: 23-24

Equipment/Machine Name: Single cylinder Four Stroke Diesel Engine with Electrical loading

✓ Tick each cell as weekly checks

Sl.No	Description	Jul.				Aug.				Sep.				Oct.				Nov.				Dec.				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Ensure workspaces and walkways are clear and unobstructed and that no slip hazards are present	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Verify the lubricating oil level, fuel level and water level, Battery checking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Verify all guards are secure function correctly (Check latches, locks, fasteners and / or interlocks)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Visual check of mains Electrical Switches, Wiring and / or Conduit (Cracks, broken controls etc. (Arrange for immediate repair of any faults)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Confirm availability and condition of Personal Protective Equipment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Lab Technician's Sign	✓				✓				✓				✓				✓								
	Lab-in charge Sign.	✓				✓				✓				✓				✓								
		✓ Tick each cell as monthly checks																								
		Jul.				Aug.				Sep.				Oct.				Nov.				Dec.				
1	Conduct close inspection for all Engines	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Lubricate lightly according to manufacturer's specification	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Check availability of specific tools for this machine (Spanners etc.)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	Check floor space for oil contamination	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Lab Technician's Sign	✓				✓				✓				✓				✓								
	Lab-in charge Sign.	✓				✓				✓				✓				✓								

EVEN SEMESTER

PREVENTIVE MAINTENANCE LIST (THERMAL LABORATORY-I)

Year: 23-24

Equipment/Machine Name: Single cylinder Four Stroke Diesel Engine with Electrical loading

√ Tick each cell as weekly checks

SLNo	Description	Jan.				Feb.				Mar.				Apr.				May.				June.				Remarks
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1.	Ensure workspaces and walkways are clear and unobstructed and that no slip-hazards are present.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
2.	Verify the lubricating oil level, fuel level and water level, Battery checking.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3.	Verify all guards are secure function correctly (Check latches, locks, fasteners and / or interlocks).	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
4.	Visual check of mains Electrical Switches, Wiring and /or Conduit (Cracks, broken controls etc.) Arrange for immediate repair of any faults.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
5.	Confirm availability and condition of Personal Protective Equipment	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Lab Technician's Sign		/				/				/				/				/								
Lab-in charge Sign.		/				/				/				/				/								

√ Tick each cell as monthly checks

		Jan.	Feb.	Mar.	Apr.	May.	June.	
1.	Conduct close inspection for all Engines.	/	/	/	/	/	/	
2.	Lubricate lightly according to manufactures specification	/	/	/	/	/	/	
3.	Check availability of specific tools for this machine. (Spanners etc.)	/	/	/	/	/	/	
4.	Check floor space for oil contamination	/	/	/	/	/	/	
Lab Technician's Sign		/	/	/	/	/	/	
Lab-in charge Sign.		/	/	/	/	/	/	

EVEN SEMESTER

PREVENTIVE MAINTENANCE LIST (THERMAL LABORATORY-D)

Year: 23-24

Equipment/Machine Name: Single cylinder Four Stroke Diesel Engine with Mechanical loading

√ Tick each cell as weekly checks

SLNo	Description	Jan.				Feb.				Mar.				Apr.				May.				June.				Remarks				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV					
1.	Ensure workspaces and walkways are clear and unobstructed and that no slip -hazards are present.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
2.	Verify the lubricating oil level, fuel level and water level, Battery checking.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3.	Verify all guards are secure function correctly (Check latches, locks, fasteners and / or interlocks).	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
4.	Visual check of mains Electrical Switches, Wiring and /or Conduit (Cracks, broken controls etc.)Arrange for immediate repair of any faults.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
5.	Confirm availability and condition of Personal Protective Equipment	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Lab Technician's Sign		/				/				/				/				/												
Lab-in charge Sign.		/				/				/				/				/												

√ Tick each cell as monthly checks

SLNo	Description	Jan.	Feb.	Mar.	Apr.	May.	June.	Remarks
1.	Conduct close inspection for all Engines.	/	/	/	/	/	/	
2.	Lubricate lightly according to manufactures specification	/	/	/	/	/	/	
3.	Check availability of specific tools for this machine. (Spanners etc.)	/	/	/	/	/	/	
4.	Check floor space for oil contamination	/	/	/	/	/	/	
Lab Technician's Sign		/	/	/	/	/	/	
Lab-in charge Sign.		/	/	/	/	/	/	

