

Life Science Lab Maintenance Register

DATE	SEM	ITEMS ISSUED	Sign of Student	Sign of Lab incharge	Date	SEM	ITEMS ISSUED	Sign of Student	Sign of Lab incharge
09.03.24	4 th sem	4 petri dishes	Anpita		28/03/24	4 th sem	filter paper & UV-spectrophotometer	Pandiyul	
09.03.24	4 th sem	4 petri dishes	Anpita		28/03/24	4 th sem	Cuvette	Swastika	
09.03.2024	LS 4 th Sem Msc	2. Conical flask (500ml) 1. Beaker	Subhalaxmi	Returned Subhalaxmi	29/03/24	4 th sem	Shaking incubator	Anandini	
09.03.2024	LS 4 th Sem Msc	5 - Petri plate 4 - conical flask (250ml) 5 - culture tube	Anandini Singh		3/09/24	4 th sem BT	4 Petri plates	Subhalaxmi	
09.03.24	4th sem		Anpita		4.04.24	4 th sem BT	Test tube, 5 Beaker, 5ml Centrifuge tube, 2	Anandini	
09.03.24	LS 4 th sem	3 - petri plate	Anandini Singh		5.04.24	4 th sem BT	Petri plates	Anandini	
09.03.24	LS 4 th sem Msc	4 - Petri plate	Anandini Singh		5.04.24	4 th BT	Test tubes, beakers, cuvette, measuring cylinder	Swastika	
09.3.24	LS 4 th sem	3-petri plates & 1-con. flask	Anandini Singh						
09.3.24	LS 4 th sem	Conical flask (250 ml)	Anandini Singh						
12/03/24	BT 4 th sem	4-Petri plates & 1-con-flask measuring cylinder & cotton	Shivangi		6.07.24	LS 4 th sem	NB, Agar	Anandini	
12/03/24	BT 4 th sem	5 - 1000ml clonical flask 15 - 250ml clonical flask 5 from BIRAC and 1 - 500ml clonical flask	Pandiyul	1000ml-5 Ret 24	08/04/24	LS 4 th sem	NB, Agar, 1 beaker & 2 petri plate	Anandini	
13-03-24	Msc LS	2-Petri plates	Anandini Singh		09/04/24	Msc BT 4 th sem	Nutrient broth autoclave,	Anandini	
19-3-24	BT 4 th sem	Conical flask (100ml)	Shivangi		09/04/24	Msc BT 4 th sem	Centrifuge	Shivangi	
20/3/24	Msc BT 4 th sem	Spectrophotometer	Pandiyul		5:10 PM				
21/03/24	Msc BT 4 th sem	Conical flask, ethanol, beaker	Shivangi		10/04/24	Msc-LS 4 th sem	MSM medium Autoclave	Anandini	
25/03/24	Msc BT 4 th sem	Conical flask & 100ml, Spectrophotometer.	Shivangi		16/04/24	Msc-LS 4 th sem	Ethanol, Pipette, Centrifuge	Anandini	
26.02.24	Msc BT 4 th sem	Beaker 50ml, Test tube - 7 Photo spectro photometer.	Anandini Singh		17/04/24	Msc-LS 4 th sem	Nutrient Agar, Autoclave	Anandini	
27.03.24	M.Sc. BT 4 th sem	Beakers, Test tube, cubet, Spectrophotometer, Measuring cylinder, PBS	Swastika		17/04/24	Msc-LS 4 th sem	falch tube, beaker	Anandini	
27.03.24	M.Sc. BT 4 th sem	Test tube, Spectrophotometer, Measuring cylinder	Grangi		18/04/24	Msc-LS 4 th sem	falch tube (slant), beaker	Anandini	
28.03.24	"	Cubet, Beakers	Swastika		25/04/24	Msc-BT 2 nd Sem	Oral tube (slant)	Anandini	
					09/09/24	7 th sem BTech	Soxhlet apparatus	Prajukti	
					4/9/24	7 th sem	Conical flask, Pipette, Beaker (2)	Anandini	Returned Rinki
					21/9/24	2 nd semester Msc. life science	Distillation glass	Deepika	

23.03.23	4 th MSC	3 X 100ML conical flask 12 X centrifuge tube	Malati	
29.03.23	4 th MSC	1000ml beaker	Pratik	
11.04.23	4 th MSC	500ml flask X 2	Malati	
11.04.23	"	500ml flask X 2	Ananya	
19.04.23	Rabi Dix	250 ml. conical flask X 4 500 ml conical flask X 8	Rabi Dix	
13.04.23	Msc BT 4 th sem.	Culture tubes - 5ml 5ml X 20	Aakash	
13.04.23	Msc BT 4 th sem.	Centrifuge tubes - 15ml 15ml X 15	Manjush.	
13.04.23	Msc BT 4 th sem.	Conical flask (1000ml X 1) (500ml X 2) 250 ml X 1 - pending	Ananya	Returned Returned
03/05/23	Msc BT 4 th sem.	Conical flask - 01 X 250 Centrifuge tube - 15ml X 5 5ml X 6 Petri plates - 08 pairs Beaker - 100ml X 02, 250ml X 02, 500ml X 01, Effluent tube = 23.	Malati & Apistha	Returned
06/05/23	Msc BT 4 th sem.	Conical flask - 250 X 8	Ananya	

DATE	SEM	ITEMS ISSUED	SIGN OF STUDENT	SIGN OF Lab'l.
09/01/24	4 th sem	Glass petridish - 15 plate petridish - 13	Aashy Meher	(6) Returned
		Tube - 10		(12) Return
		Test tube stand - 1		(10) Don
		100 ml conical flask - 14		(1) Don
16/01/24	4 th sem	Soxhlet Apparatus - 1	Gargi	
16/01/24	4 th sem	petri plates - 1	Panigrahy Pradya D.	
17/01/24	4 th sem	soxhlet Apparatus - 1	Gargi	Gargi
		Rectangular box - 1	Panigrahy Gargi	Gargi
			Panigrahy	
11/01/24	4 th sem	Flask (250 ml) - 3 petriplate - 3	Rashmijanan Geheta Rashmijanan Beheta	
24/01/24	4 th sem	Soxhlet Apparatus - 1	Swastika Bhaskar	Swastika
31/01/24	4 th sem	1. 250ml Beaker 12 15ml glass centrifuge tube	Gargi Panigrahy	Gargi
31/01/24	4 th sem	1. 2 - Petriplates 2. 1 - Rectangular box	Swastika Bhaskar	Swastika
06/02/24	8 th sem	Saucler equipment Extractor	Sharmila	
07/02/24	4 th sem	3 petriplates	Tapasswini	Returned Tapasswini

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DATE	SEM	ITEMS ISSUED	SIGN OF STUDENT	SIGN OF LAB/C
25.02.20	4 th	(Cuvette) Spectrophotometry	Rishit	
20.1.23	4 th	(Petri Plates)	Aranya	Returned 28/04/23
20.01.23	4 th	Petri plates	Priyadarshi	
20.01.23	4 th	Petri plate	For practical	
20.01.23	4 th sem	15 petri plates	Ananda.	
	4 th sem	2 conical flask (200ml)	padhy	
20.01.23	4 th sem	Beaker (500ml) Centrifuge tube (20 nos)	Bampad ku Khanama	Returned 28/04/23
20.01.23	4 th sem	Beaker (500ml - 2) Test tube (12 nos) Petri plate (2 nos)	Deepali Swati Prasanti	
20.01.23	4 th sem	Tube (culture vial) (3 nos) Beakers (500ml - 1) Petri plate (2 nos)	Priyanka Suman Preeti	
20.01.23	4 th sem	Conical flask (12 nos) 200ml Test tube - (8 nos) Conical flask (1000ml - 3)	Bansha Anvesha Monali	Returned 28/04/23
20.01.23	4 th sem	Conical flask - 3 nos Test tube Beaker - 2+3 = 5 Centrifuge tube - 15	Fakir, Pratik	Returned.
20.01.23	4 th sem	Petri plate - 10 Conical flask 500x2 Ethanol & Cotton & other boys	Aakash Manjush	

DATE	SEM	ITEMS ISSUED	SIGN OF STUDENT	SIGN OF LAB/C
21.01.23	4 th sem	petri plates - 5 Nutrient agar 2.8 distilled water 100 ml	Dipali Swati prashanti	
22.01.23	4 th sem	Petri plate	Ananya	Returned 28/04/23
15.02.23	6 th sem	Beaker - 2x100ml BTB 1x100ml 1x250ml 1x500ml	Gauri Shree Behera	
13-03-23	4 th sem MSc BT	Flask 250ml x 4	Malati	
06/03/23	BIRAC	250ml x 3 Conical flask 500ml x 01 150 ml x 01	Anvesha	
20/03/23	BIRAC	500ml x 01 Conical flask	Anvesha	
20/3/23	BIRAC	500ml Beaker x 05 1000ml Beaker x 01 100 ml Conical Flask x 01	Manisha	Returned 28/04/23
20/03/23	4 th sem Msc BT	Beaker - 100ml x 6	Ashu	
21/03/23	4 th sem Msc BT	Beaker - 100ml x 1 250ml x 2 Centrifuge tube - 16	Ananya	Returned 28/04/23

Soil Science Lab Register

SERIAL NO.	NAME OF THE MACHINE	TYPE OF DEFECT	TYPE OF MAINTAINANCE	SPARE PARTS	DEFECT ON	SOLVED IN	MAINTAINANCE BY	SIGN OF LAB/IC	SIGN OF MOD	REMARK
1	pH Meter	Probe defect	Replacement of Transistor & Control	Transformer - 2	13/09/2021	26-09-2022	AKSHAYA SATPATIL			Working
2	Flame photometer	Burning of coil	Coil replacement	Transformer - 2	05/10/2021	26-09-2022	"			Working
3	Spectrophotometer	Defect coarse adjustment knob			06/01/2022					
4	Distillation unit	Defect in ^{ICE} Heating coil	Replacement of transformer	Transformer - 1	20-06-2022	26-09-2022	AKSHAYA SATPATIL			Working
5	EC meter	Fluctuation in reading								
6	Distillation unit	Defect in heating wire	Replacement of lot of capacitor	Coil & capacitor	17.05.2023	23-05-23	P.C. Das			Working
7	Flame photometer	Defect in suction pipe	Cleaning of suction pipe	Coil pipe	20.05.2023	23-05-23	P.C. Das			Working
				Coaching in Enterprise paid, bill No. 050/0105-23						
							Replace of coil - ₹ 8500.00			
							Replace of capacitor - ₹ 250.00			
							Toxpro Beer To Distillation ₹ 2500.00			
							Servicing charges ₹ 4000.00			
								15250.00		
8	weighing balance	Defect in display			31.06.2023					
9	Gas regulator	deformed	Replaced with a new one by Radhara. Agency Gurupur	Regulator changed.	31.6.2023	9-10-23	Radharani Agency			Working
							Against bill no. 25 dated 9.10.23 Amt. 100.			
10	Water Distillation unit	Excess salt deposition			20.04.24					
11	Hot plate	Defect in heating coil.			25.04.24					
12	oven	open handel breakage			20.8.24					

Workshop Maintenance Register

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SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	MAINTENANCE.	USED SPARE PARTS & EQUIP MENTS.	DEFECT SOLVED ON	SOLVED ON	LAB TECH	LAB I/C	HOD	REMARKS	
261	ME/NS/L-1	General Maintenance	Cleaning all parts with Kerosene. Removed muddy grease. Apply new grease in gear wheels. Feed and lead screws. Apply new plates in tool post. Apply Engine oil in movable parts.	Kerosene - 1/2 L Grease - 1/2 kg Mobile oil - 1/2 kg	17/11/23	18/11/23					
262	ME/NS/L-2	General maintenance Machine not working smoothly. Noise sound.	cleaning all parts with Kerosene. Clean all parts with new cloths. Apply new grease in movable parts. cleaning the gear teeth & arrangements.	Kerosene - 1/2 kg grease - 1/2 kg oil - 1/2 kg	22/11/23	22/11/23					
263	ME/NS/L-3	General maintenance	cleaning all parts with Kerosene. Removed muddy grease. Apply new grease. Apply Engine oil in movable parts.	Kerosene 1/2 L grease - 1/2 kg M. oil - 1/2 kg	28/11/23	30/11/23					
264	ME/NS/L-4	General maintenance	cleaning all parts with Kerosene. Removed all dust from machine parts. Apply new grease & oil on movable parts.	Kerosene E. oil Grease.	2/12/23	2/12/23					

SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	MAINTENANCE	USED SPARE PARTS/EQUIPMENTS	DEFECT ON	SOLVED ON	LAB TECH	LAB I/C	HoD	REMARKS.
257.	ME/WS/MM-21 (Milling M/C)	Milling machine Not function smoothly.	Removed muddy gear oil. Apply new gear oil. cleaning all parts with kerosene. Used mobile oil on all movable parts.	gear oil - 3L kerosene - 1/2L mobile oil - 1/4	13/10/23	13/10/23				
258.	ME/WS/GW-24 (Gas welding)	Gas leakage problem on controlled valve. Dust deposit on Nozzel.	Nozzle & Nipple removed. clean all dust particles. opened the controlled valve applied taplon tap on leakage area and fitting it.	Taplon tap = 01 Nipple = 01 1/4" hose clamp = 04	20/10/23	20/10/23				
259.	ME/WS/L-22 (Lathe M/C)	General maintenance	cleaning all parts with kerosene. Removed muddy grease. Apply new grease on gear wheels, feed rod, lead screw. Apply new mobile oil on movable parts.	Grease - 1/4 kg K. oil - 1/2 L Engg oil - 200ml		31/10/23	31/10/23			
260.	ME/WS/CNC-19	General maintenance	cleaning all the surface area. ^{check} Test the coolant level. Check the hydraulic oil table. Lubrication pressure gauge. ^{open the} Check the air cool down. clean it.			10.11.23	10.11.23			

SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	MAINTENANCE
251.	ME/WS/SS-09 (Shaper grinding)	Required oiling	All machinery parts cleaned in Kerosene. Applying mobile oil & Grease.
252.	ME/WS/S2-10 Slotted M/C	Required oiling	All machinery parts cleaning with Kerosene. then apply @ mobile oil & grease on the moveable parts.
253.	ME/WS/S4-09 (Shaper M/C)	Slotted link boreage	All Surface area of the M/C cleaning, oiling & greasing
254.	ME/WS/RD-08 Radial Drill Machine.	Not function properly.	open all parts of the machine. Apply grease and mobile oil.
255.	ME/WS/PHS-07 Power Hack Saw	Power Hack saw wasn't work properly.	open the shaft, lever, pulley, clean it properly with Kerosene. Replace than oil and greasing.
256.	ME/WS/S-20 Shaping M/C	Not Cutting properly.	open the blade and lever. clean it properly. Apply grease.

USED SPARE PARTS & EQUIPMENTS.	DEFECT ON	COL-MED ON	LAB TECH	LAB I/C	HOD	REMARKS.
Kerosene mobile oil Grease.	18.9.23	18.9.23				
Kerosene mobile oil Grease.	21/9/23	21.9.23				
Kerosene Grease mobile oil	25.9.23	25.9.23				Slotted link broken. No available.
Kerosene. mobile oil Grease	28.9.23	28.9.23				
Kerosene M-oil Grease	3.10.23	3.10.23				
Grease	7.10.23	7.10.23				

SL NO	NAME OF THE MACHINE	TYPES OF DEFECTS	MAINTENANCE
246.	ME/WS/SQ-11	Coolant Condition isn't good.	open the Coolant tank Remove old Coolant. Replace new Coolant. clean all the surface area. oiling the moveable parts. Run in the Machine up to 30 mins.

247	ME/WS/P7 (BENCH VICE)	(1) one Bench-vice was broken.	open the broken bench vice than fitting new bench vice.
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248.	(AUTOMATIC MIG WELDING MACHINE.)	Spool wire function problem. spool wire not function properly.	open the spool wire bundle. clean the nozzle area. than fixed it. spray Silicon spray on the nozzle.
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249.	ME/WS/AW-25 (Arc welding)	Electrode holder was broken.	open the damaged electrode holder. Replace new one.
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250.	ME/WS/FT-16 (Bench vice)	All vice moving Problem	15 Nos vice removed and cleaning in kerosene. Apply grease.
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USED SPARE PARTS & EQUIPMENTS.	DEFECT ON	SOLVED ON	LAB TECH	LAB I/C	HOD	REMARKS
Coolant = 12lit oil -	2/8/23	12/8/23	<i>[Signature]</i>	<i>[Signature]</i>		

(1) one new bench vice Size - 3x4"	14.8.23	16.8.23	<i>[Signature]</i>			
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Used Silicon spray	16.8.23	21.8.23	<i>[Signature]</i>			
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(1) one Arc welding electrode holder	24.8.23	28.8.23	<i>[Signature]</i>			
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Kerosene	2.9.23	4.9.23	<i>[Signature]</i>			
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SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	MAINTENANCE	USED. SPARE PARTS & EQUIP	DEFECT ON	SOLVED ON	LAB TECH	LAB I/C	HOD	REMARKS
242.	ME/WS/PHS-07	Not Cutting properly	Change the blade. Connect New blade. Change the coolant. clean all the surface area.	Coolant - 10% lit Power Hecaso Blade = 01	5/7/23	10/7/23		AKI 10/7/23		
243.	ME/WS/SL-10	General maintenance. Adjust - RAM	clean all the surface area of the M/C. Adjust Ram. oiling the concrete parts.	Saltsleade - 20ml	—	17/7/23	AKI	AKI 17/7/23		
244.	ME/WS/BG-12	General Maintenance.	open the grinder wheel cover. Clean the rust. Grease on the bearing.	Grease - 20gms - cloths	—	29/7/23	AKI			
245.	ME/WS/CNC-19	General maintenance.	clean all the surface area. Check the coolant level. Check the hydraulic pressure. oil level. Check the Engine - air level. clean the rust particles inside of the machine. Check the coolant flow. Remove the old Insect. fix new.	- cloths. New Insect = 01	—	7/8/23	AKI 7/8/23	AKI 7/8/23		

SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	MAINTENANCE
238.	ME/WS/L-22	General maintenance Machine Required oiling & greasing	clean the surface area of the machine. clean the old grease with K-oil. clean the moving parts and apply new grease. oiling the bad area and tool post area.

USED
SPARE PARTS
& EQUIPMENT

DEFECT ON	SOLVED ON	LAB TECH	LAB I/C	HOD	REMARKS
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Grease	10/5/23	AM	LN		
K-oil	-				
Mobile-oil	-				
20ml					

239.	ME/WS/L-19 (CNC)	Machine Required Coolant Change	Remove all waste Coolant. clean the Coolant area. Pour four water. than four 10Ltr of Coolant on 20:102burrs.
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New Coolant	20/5/23	27/5/23	AM	LN	AM 27/5/23
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240.	ME/WS/RD-08	General Maintenance	clean all the Surface area. clean the vice. Apply grease on the thread. tighten the spindle.
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Grease	-	7/6/23	AM	LN	
K-oil					

241.	ME/WS)SH-09	General Maintenance	clean all Surface area. Broken the slotted lever not so not moving the all parts.
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(cloths)	Defect from 29-2017	28/6/23	AM	LN	AM 28/6/23	Slotted lever Broken. Not working Condition.
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Sl. no	Name of mt	Types of defect	Types of maintenance	Utilization spaces	Defect on	Defect solved	Lab. Tech.	Lab. IIC	HOD	Remarks
234	ME/WS/L-3	Center Lathe 3rd no Sprindle bearing and motor belt and sprindle belt damaged	3rd NO Lathe totally disassembled and stuck up mud, grease dust to clean, damaged bearings and belt removed New bearings & belt Replaced.	6-47-2 Belt B66-2 Belt 2 nos Sprindle bearing.	18.9.22	30.1.23	8/10 21/2/23	✓	✓	
235	ME/WS/L 22	Center Lathe 22 NO Chuck replaced and Flange and Locking Bolt Problem	NO 22 Lathe machine old Chuck, Flange, Locking bolt old one removed same piece new 14" chuck, 7" x 3 1/2" flange and 4" x 12 mm Allen key screw fitted.	New 14" Chuck, Flange, 4 nos Allen key screw	18.2.23	25.3.23	8/10 16/3/23	✓	✓	
236	ME/WS/L-3	General maintenance	opened the Chuck key. Removed the rust materials. clean with kerosene to remove rust. Applied oil on thread area. Using grease on the bearing & gear areas.	Grease, K-Oil, mobile-oil 10 ml		5/4/23	✓	✓		
237	ME/WS/L-4	General maintenance.	opened the Chuck key. Removed all rust particles, clean all the surface area. Apply grease on the removal parts. Use mobile oil on the thread area of Chuck key	Grease K-oil mobile oil		20/4/23	✓	✓		ATY 20/4/23

Sl. no	Name of m/c	Types of Defect	Types of maintenance	spare and materials	Defect on	Defect solved by	Lab. I/C	HOD	Remarks.	
230.	ME/WS/L-4	N0-4. Centre Lathe machine Feed rod and Leadscrew Locking Problem	N4 centre Lathe machine TO open Apron Box and Open in side Gear wheels and clean in kerosene and applying Grease and oil and after fitted the Apron box.	Grease, mobil oil.	29.3.22	04/04/22	SKM 4/4/22 Pm	SKM 7/4/22	SKM 4/4/22	
231.	ME/WS/L-2, L-4, L-5, L-6, D-8, PH-7, SE-10, SE-11, milling-21, L-3, L-22	These are all machinery Required TO oiling and Greasing.	all machinery TO clean in kerosene and Thinner and TO remove Old Grease and reloaded New Grease and Slider, other thread area applying oil.	Grease, kerosene oil, Thinner, mobil oil, Gas welding torch.	12.08.22	10.9.22	SKM 11.9.22	SKM 11.9.22	SKM 11.9.22	
232	ME/WS/ welding-25	Transformer oil Change	Welding machine in Side Storage Transformer oil change Replace old oil removal Same place new Transformer oil pouring.	Transformer oil, 70ltr	10.1.23	11.1.23	SKM 12/1/23	SKM 12/1/23	SKM 12/1/23	
233	ME/WS/ 2, 4, 6, 7, 8, 10, 11, 21, 24, 25, 26.	These are all Lathe m/c, Surface, Slotter, powerhexa, required TO oiling and welding m/c Servicing.	Lathe m/c, Drill, Slotter, milling Power Hexa oiling and greasing done and Arc welding Cable change and Gas welding Bit, welding nozzle cleaning and refitting for leak proof stop.	Oil, Grease, kerosene, mobil oil, Arc welding cable wire, Gas welding hose pipe	12.1.23	22.1.23	SKM 22/1/23	SKM 22/1/23	SKM 22/1/23	

Sl. no	Name of m/c	Type of Defect	Type of maintenance	Spares and material	Defect On	Defect Solved.	Mainten. by	Lab. I/C	HOD	Remarks.
227.	ME/WS/KM-24	Gas welding Nozzle Nipple Gas flooding problem. control valve side Gas Leakage Problem.	Gas welding Nozzle NIPPLE removed and same place new NIPPLE fitted and control valve open and give to Thread seal tape and leak stopped.	Thread Seal Tape, NIPPLE 1/4" Hose clamp.	22.2.22	26.2.22	SKM 27/3/22 R	SKM 27.1.22	G 27/3/22	
228.	ME/WS/M.21	milling machine gear wheel functioning in problem and gear oil is very muddy and sliders moving problem.	milling machine cleaning in kerosene oil and applying motil and medley gear oil to drive and pour to new gear oil milling machine functioning OK.	Kerosene, 20W-40T Gear oil 7 Ltrs. and motil oil	29.3.22	29.3.22	SKM 30/3/22 R	SKM 30.3.22	G 30/3/22	
229.	ME/WS/PH-7.	Power Hack-seeo m/c Slotter shaft bearing Damaged and General maintenance required.	Power Hack-seeo m/c Slotter shaft damaged bearing removed and same place new bearing 6204, Replaced and arranged to right angle vice and applying oil.	mobil oil and 6204 bearing.	21.3.22	29.3.22	SKM 30/3/22 R	SKM 30.3.22	G 30/3/22	

Sl. no	Name of m/c	Type of Defect	Type of maintenance	Spares and Defect material	Defect on	Defect Solved	Defect maintn by	Lab. I/C	HOD	Remarks
223.	ME/WS/ES-12	Bench Grinder machine 3 phase on/off switch Damaged. Pliers 0	3 phase on/off switch Removed Same place new 3 phase switch Replacement.	3 phase on/off switch.	24.01.22	25-1-22	SKM 25/1/22 R/S	SKM 25-1-22	G 25/1/22	
224.	ME/WS/L-6	Centre Lathe machine NO-6, 'V' Belt Locking Setup Broken Problem.	6-NO of centre Lathe machine 'V' Belt Locking Block removed and same place new making block fitted.	3/8" x 1/2" TVS NUT 3/8 Bolt with washer.	04-02-22	26-2-22	SKM 26/2/22 R/S	SKM 26-2-22	G 26/2/22	
225.	ME/WS/L-22	Centre Lathe machine NO-22, 'V' Belt Locking Block Broken. Problem.	Centre Lathe machine-22, 'V' Belt Locking Block Removed same place new Locking block making and fitted.	3/8" x 1/2" TVS NUT 3/8 Bolt with washer.	10-2-22	26-2-22	SKM 26/2/22 R/S	SKM 26-2-22	G 26/2/22	
226.	ME/WS/BV 13 & 16.	Bench vice Table 13 & 16 no, two nos Bench vices Handle and General maintenance required.	Bench vices Handle required Purpose New Handle rod 10 mm rod making and Grease and oil applying.	Ø 10 mm. SS rod, 3/8" NUT-4 nos. Grease and oil.	16-2-22	18-2-22	SKM 19/2/22 R/S	SKM 19-2-22	G 19/2/22	

Sl. no	Name of m/c	Type of Defect	Type of maintenance done.
219	11	moving magnetic table stuck.	moving magnetic table dis-assembly and cleaning to kerosene, after applying grease and mobil oil
220	22, 04, 11 and FT-13	Required to maintenance.	These are machinery cleaning in kerosene and after applying grease and oil.
221	07	power Hack-Saw cutter handle moving problem.	Power Hack-Saw cutter handle Dis-assembly and clean to kerosene and engine shaft grinding done.
222	03, 03, 04, 06 & 22	Required to oiling and greasing.	machinery all parts cleaning to kerosene and after applying oil & grease.

Defect on	Defect Solved	maintenanc BY	Lab. TIC	HOD	Remarks.
27.10.21	30.10.21	SKM Puz	✓	✓	
25.11.21	02.12.21	SKM Puz	✓	✓	
18/12.21	23-12-21	SKM Puz	✓	✓	
03-01-22	05-01-22	SKM Puz	✓	✓	

Spares:
sprayers and material

Kerosene & oil

Kerosene and Grease.

kerosene; mobil oil emery paper.

mobil grease.

Sl. no	Name of m/c	Type of Defect.	Type of maintenance.	Spares and materials	Defect on	Defect solved.	maintained By	Lab. TIC	HOD	Remarks.
215.	ME/WS/ L-2, L-3, L4, L-5, L-6, PH 7, D-8, SL-9 SG-11, MM 21 and L-22	Required to cleaning, greasing and oiling.	workshop all mech- nery cleaning into Kerosene and after applying grease and oil	Kerosene mobi oil Grease	16.8.21	22.8.21	SKM Pur	✓	G 22/8/21	
216.	ME/WS/ MLW/28	MIG welding m/c spool wire stuck in problem and gas flowing pipe damaged.	mig welding m/c spool wire functioning. cable and torch completely disassembled and removed to bending spool wire and gas line old pipe removed new pipe replaced and after cable and torch assembled.	Hydraulic 8mm hose Pulse (plate)	25.8.21	31.8.21	SKM Pur	✓	G 31/8/21	
217.	ME/WS/ L-4	Lathe machine 04 starter not working. in side coil burning.	lathe machine 04 burned started removed and new starters replace - ment.	3 phase starters.	20.10.21	22.10.21	SKM Pur	✓	G 22/10/21	
218.	ME/WS/ MG-28	mig welding machine spool wire function problem in side spool wire stuck problem.	mig welding m/c spool wire functioning area and torch disassembled and stuck wire cut it and after assembled torch.	-	24.10.21	28.10.21	SKM Pur	✓	G 29/10/21	

Sl. no	Name of	Type of Defect	Type of maintenance
210	INS-FT-13	Fitting Table Bench vise moving Table Thread rod Breakage	Old Bench vice removed new one replaced.
211	WS/02	Required to Greasing and oiling.	Lathe machine cleaning in Kerosene and applying Grease.
212	ME/INS/03	Gearbox Function Problem, and spindle rotating Problem.	Lathe machine spindle removed and same time Gear box removed all parts cleaning in Kerosene and applying Grease.
213	ME/WS/04, 05, 06, 07, 08, 10, 11 and 21	These all machinery received to Greasing and oiling.	These all machines first of cleaning in Kerosene and applying Grease.
214	ME/WS/22	Gearbox in site Functioning Problem and rotating Pulley making Problem and belt locking problem.	First of clean to Gear box and correct correctly angled to gear wheels and belt Locking Lever and gear wheel removed (gear wheel damaged) and same parts replace ment. Other

Spares and material	Defect on	Defect solved	Maintena by	Lab. TIC	HOD	Remarks.
Bench vice	11.1.21	17.2.21	SKM P	LW 24/7/21	AM 24/7/21	
Kerosene Grease.	02.07.21	03.07.21	SKM P	LW 4/7/21	J 4/7/21	
Kerosene Grease	05.07.21	07.07.21	SKM P	LW 8/7/21	J 8/7/21	
Kerosene Grease Niel & belt.	09.07.21	19.07 29.7.21	SKM P	LW 27/7/21	J 27/7/21	
Kerosene Grease & Niel & belt.	20.7.21	23.7.21	SKM P	LW 27/7/21	J 30/7/21	

Sl. no	Name of M/C	Type of Defect	Type of maintenance.
207	Lathe M/C-02	Lathe machine all functioning parts do not working. Some sitting areas parts Thread etc- message, pulley shaft Some material loss. Gear wheel dont core reel and alignment do	Lathe m/c @ 2, Totally disassembled. cleaning in kerosene and Damaged parts re Threaded pulley shaft re Bearing sitting Gear wheel dont core reel and alignment do applying Grease and mobil oil

208	Lathe m/c: 4	Lathe m/c-4 Belt tight clamping Setup Damade, and Gear box (Apron) Some Gear engaged Problem.	Lathe m/c 4. Belt tight clamping system removed, and The Breakage part and new one replaced, Apron set been removed and some Gear wheel damaged, damaged gear wheel rework done. after assembled to Apron.
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209	Lathe m/c-22	Lathe m/c-22, Belt clamping setup Probie.	Belt clamping set up Removed and do to Rework.
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Used Spares and material	Defect on	Defect Solved.	Maintain by	Lab. TIC	HOD	Remarks.
Kerosene, mobil oil, Grease, and 6205 Bearing - 2 nos. and 3/8", 5/16" new nut & Bolt given.	09.2.21	17.2.21	SKM P=	SKM P=		

Grease, Kerosine 3/8" nut & Bolt	18.2.21	19.2.21	SKM P=	SKM P=		
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3/8" Nut & Bolt	19.2.21	20.2.21	SKM P=	SKM P=		
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AM
21/2/21

AM
21/2/21

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DECEMBER-2023

SLNO	NAME OF THE MACHINE	TYPE OF DEFECT	TYPE OF METENANCE
1.	Pelton turbine Apparatus	Leakage on The Sump tank	clean The Sump tank close The Leakage parts by using M. Seal
2.	Francis turbine Apparatus	Grease & oil	Clean The Sump Tank oiling the valves check Motor & Running 15. min. clean) pressureing pipe line.
3.	Reciprocation pump	Fey wheel not moving V. Belt Damage piston not moving	open The Fey wheel clean & oiling New V-Belt Fitting open The piston clean pump Hydamulic oil on The oil chafar.

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FMHM Lab Maintance Register

USED SPARE PARTS AND METERIALS	DEFECT OF DATE	SOLVED DATE	MENTE NANCE DATE	LAB I/C	H.O.D	REMARKS
M- Seal & Pets.	9/12/23	9/12/23	PM	A		
Engine oil & Grease	12/12/23	12/12/23	PM	A		
①. V. No V-Belt used ②. Hydraulic oil 200ML	23/12/23	23/12/23	PM	A		

SL No	NAME OF THE MACHINE	TYPES OF DEFECT	TYPE OF MAINTENANCE
1.	Non-circular pipe Apparatus	Mano Meter pipe of (1x1) Inch Blockage	Clean all pipes Mano meter Gate, valves, Sump Tank
2.	portul static tube	pipes defect	Cleaned Apparatus by using cloths checked Motor and pipe line
3.	Model (Pelton turbine)	Loose Impeller blades	Tighten The Loose Impeller Blades oiling The Remain parts
4.	Reciprocating pump	oil & Grease used	pipe line cleaning

USED SPARE PARTS AND MATERIALS	DEFECT OF DATE	SOLVEMENT DATE	MAINTENANCE DATE	LAB I/c	H.O.D	REMARKS
NO parts use	6/11/23	6/11/23	PS			
pipes	6/11/23	6/11/23	PS			
oil & kerosene used	15/11/23	15/11/23	PS			
NO parts	15/11/23	15/11/23	PS			

OCTOBER - 2023

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SLNO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPE OF MAINTENANCE	USED SPARE PARTS AND MATERIALS	DEFECT OF DATE	SOLVED DATE	MAINTENANCE DATE	LAB I/C	H.O.D	REMARKS
1	Venturi Meter Crotiche Meter Apparatus	NO defect	Clean the Sump tank Measuring Tank Hose pipe	oil used	10/10/23	10/10/23	Pr			
2	Gear oil pump	Defect	A) cleaning all the tank B) cleaning the pipe C) cleaning the valves D) check the Motor E) check the pressure Gauge condition F) check the Energy Meter Clean the Manometer	Motor wire Connection.	10/10/23	10/10/23	Pr			
3	Francis Turbines Francis Turbines	Cleaning	Clean the Total Apparatus oiling all Movable parts like Valves Running the Motor	Grease & oil used	14/10/23	14/10/23	Pr			

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September-2023

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Sl.No	Name of The Machine	Type of Defect	Types of Maintenance	Used Spare parts And Materials	Defect Date	Solved Date	Mainten Name Date	Lab I/c	H.O.D	Remarks
1.	Berodellos Apparatus	Leakage on the petco Meter tube pipe lines Near the Grease tube	Open the petco Meter pipe line clean the pipe line using cheric Soda	petco Meter pipe - 8' MM 1.5 FT	7/9/23	7/9/23	Pr			
2.	Pelton Turbine	Bearing is Damaged on The shaft	open The casing chamber open The shaft fix The New Bearing General Maintenance	(1) New Bearing (2) Grease (3) oil	22/9/23	22/9/23	Pr			
3.	Centrifugal Pump Apparatus	Water flow pannel is Damage	open The old pannel than fit on a New pannel.	Zinc Sheet Materials (1'x1')	22/9/23	22/9/23	Pr			

SL. NO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE PARTS AND MATERIALS	DEFCT DATE	SOLVED DATE	MENTENA- NCE BY	LAB I/C	HOD	REMARKS
1	Centrifugal Pump	Panel board is not working	No Repairing	—	9/8/23	9/8/23	Pr	Pr		Repair For the cooling fan of motor
2	Kapton Turbine Apparatus	Dust materials in Part in the motor and some tank.	Clean all side of the motor clean the sumo tank clean the oil and grease.	engine oil and grease.	13/8/23	13/8/23	Pr	Pr	AM	
3	Impact of Jets Apparatus	defection The balance Weight Leave	open the Balance weight clean all the surface oiling The Moveable parts	oil & Grease	25/8/23	25/8/23	Pr	Pr		
4	Non-circular pipe Apparatus		pipe line - Meter Manometer were cleaned & checked properly	—	25/8/23	25/8/23	Pr	Pr		

July-2023

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Sl No	Name of the Machine	Types of Defects	Type of Maintenance.	-Used spare parts	Defect date	Solved date	Maintenance by	Sign. of Lab I/C	HOD	Remarks
1.	Francis Turbine Test Rig	Vacuum pressure gauge problem.	Vacuum pressure gauge issue is solved. cleaning of various components and oiling of parts.		09/07/23	09/07/23	Qm			
2.	Oreifire and Mouth piece apparatus.	Water leakage at valves and collecting tank	Removal of dust particles in the pipes and cleaning of the collect ^{ing} tank. M-seal applied over over the leakage section.		08/07/23	08/07/23	Qm			
3.	Non-circular pipe Apparatus	Motor issue.	Electric motor is replaced taken out for repairment.		10/07/23	10/7/23	Qm			
4.	Metacentric height apparatus	-	Cleaning of ship models and the bath tube		10/07/23	10/07/23	Qm			

June - 2023

SL No	Name of the MACHINE	Types of Defect	Types of Maintenance	Used Spare Parts Materials	Defect Date	Solved Date	Maintenance	LAB I/C	SLIP OF LAB I/C	Mod
1-	Reynold's Apparatus	crack Pipe damage	Open the Pipeline and syringe then Rerunning.	—	8/6/23	8/6/23	Q/S			
2	Bernoulli's - APPARATUS	Leakage on the Pipe meter tube lines near the glass tube.	connect the Pl-20 meter pipe lines clean the pipe line using caustic soda.	Caustic Soda	14/6/23	14/6/23	Q/S		AM	
3	Gear oil pump apparatus	coconut not flow on the pipe lines.	Open the coconut pipe line clean it manually running the motor 15 minutes.	—	21/6/23	21/6/23	Q/S			
4	Impact of Jets	No Defect	cleaning some tank measuring tube cleaning tank. Running motor 15 minutes.	—	29/6/23	29/6/23	Q/S		AM	

MAY - 2023

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SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE PARTS & MATERIALS	DEFECT DATE	SOLVED DATE	MENTOR - NAME BY	SIGN OF LAB/IC	HPD	REMARKS
1	Reynold's A Apparatus	Rusty on the P.lpe lines maintenance m.c.L	Open the reynold pipe clean.	Bleaching Powder and sand	10/5/23	10/5/23	QW	✓		
2	Venturi meter and orifice meter	Gate valve isn't work properly.	water blow pipe is checked (some work need to done)	Mercury 50/gms	16/5/23	16/5/23	QW	✓		
3	Notch Apparatus	Manometer, Pipe of (1x1) inch blockage.	Cleaned all the pipes, manometer, gate valves, Sump tanks.	Maintenance	18/5/23	18/5/23	QW	✓	Am	
4	Kaelan Turbine Apparatus	water not recharging	call to the electrician and change the lace & line than repairing it.		20/5/23	20/5/23	QW	✓		
5	Pitot static tube	Pipe line damage	Remove the Pipe line used new apply M-scale.	M. cal 1 pr.	25/5/23	25/5/23	QW	✓	Am	

SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE PARTS & MATERIALS	DEFECT DATE	SOLVED DATE	MENTOR - ANCE BY	SIGN OF LAB/IC	HOD	REMARKS
1.	ORIFICE MOUTH PIECE APPARATUS	Leakage on the measuring tank.	clean open the defect part with emery paper. fixed on emery paper with that defect parts	Emery Paper - 1 Pkt M-Seal - 1 Pkt	4.4.23	4.4.23	QW	AI		
2.	Boisson's theorem apparatus.	Leakage on the Piezometer tube Pipe lines near the glass tube.	opened the Piezometer Pipe lines clean the Pipe line. Using Castic Soda.	Castic Soda	10.4.23	10.4.23	QW	AI	AKY	
3.	Non-Circular Pipe lines.	motor is not running properly.	clean outside. Smoother, but motor line is defect.	—	14.4.23	Not Solved	QW	AI		Motor defect.
4.	Potter static tube apparatus.	Pipe line damaged.	opened the old pipe lines. fixed new.	5MM plastic tube - 1 ft - M-Seal - 1 Pkt	20.4.23	20.4.23	QW	AI		
5.	Darcy test MC apparatus.	No defect	clean all the inside & outside surface area with cloth. to remove dust.	—	26.4.23	26.4.23	QW	AI	AKY	
6.	Models of Reciprocating Pump, Centrifugal Pump, Francis turbine, Kaplan turbine	No defect	clean all the inside & outside surface area with cloth. To remove dust.	—	30.4.23	30.4.23	QW	AI		

SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE PARTS & MATERIALS	DEFECT DATE	SOLVED DATE	MENTENANCE BY	SIGN OF LAB I/c	HOD	REMARKS
1.	Impact of Jets Apparatus.	Defect on the ^{balance} Weight Lever.	open the balancing weight lever. clean all the surface. oiling the moveable parts	oil & grease	3.3.23	3.3.23	Pur	H		
2.	Gear oil pump apparatus	Coolant not flow on the pipe lines	open the coolant pipe line. Clean it properly. running the motor 15 mins	—	10.3.23	10.3.23	Pur	H	AM	
3.	Venturi Meter & orifice meter.	Manometer is not work properly.	opened the orifice clean the manometer. then fixed it properly.	—	18.3.23	18.3.23	Pur	H		
4.	Reynolds apparatus	Damaged the transparent tube. one side.	opened the transparent tube. cut the damaged parts. then fix it properly.	M-Seal 2 Pkts.	21.3.23	21.3.23	Pur	H		AM
5.	Pelton turbine apparatus.	Leakage on the Sump tank.	clean the Sump tank. close the leakage parts by using M-Seal.	M-Seal 2 Pkts.	28.3.23	28.3.23	Pur	H		

SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE-PARTS & MATERIALS	DEFECT DATE	SOLVED DATE	MEN-TEENANCE BY	SIGNOR LAB I/C	HOD	REMARKS
1.	Kaplan turbine Apparatus	General maintenance.	cleaning the Sump tank. oiling the valves clean the pressure gauge pipe line.	Engine oil	21/2/20	21/2/20	Qm	A		
2.	Francis turbine Apparatus.	"	Clean the Sump tank. oiling the valves. Check motor & Running 15 min. Clean pressure gauge Pipe line.	Engine oil	21/2/20	21/2/20	Qm	A	A	
3.	Reciprocating Pump Apparatus	"	clean Sump tank, measuring tank Check the motor condition. Running at 15 minutes. clean pressure gauge Pipe line	"	17/2/22	17/2/22	Qm	A		
4.	Centrifugal Pump Apparatus	Panel Board defect.	cleaning all surface of the apparatus. oiling the valves Panel Board is defect. The inside coil is burnt.	1. Engine oil. 2. Panel Board coil is not available.	20/2/22	The apparatus is defective Not solved	Qm	A	A	Requestion for the coil not available.

July - 2022

Sl. No	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE PARTS AND MATERIALS	DEFECT DATE	SOLVED DATE	MENTENANCE BY	I/C	HOD	REMARKS
1.	VENTURI METER ORIFICE METER	gate valve isn't work properly.	open the gate valve. clean inside. oiling than fix it.	- oil	2.7.22	2.7.22	HH 2.7.22	HH	GH	
2.	GEAR OIL PUMP APPARATUS	pipe line of suction & outlet isn't working.	open the pipe lines. clean it properly. Clean the pressure gauge. Running the motor few minutes. Check the apparatus properly working.		5.7.22	8.7.22	HH 8.7.22		GH	
3.	Centrifugal Pump.	(Diameter of the apparatus isn't working)	clean the apparatus. clean the sump tank & measuring tank.			11.7.22	HH 11.7.	HH	GH	Require the new diaphragm not available
4.	Reciprocating Pump	Damage the measuring tube.	Open the damage tube. fixed new glass tube. using M-Seal.	① glass tube SMM-150 ② M-Seal-55mm ③ oil	12.7.22	15.7.22	HH 15.7.22	HH	GH	
5.	Francis Turbine	Rope brake is damage	Clean the apparatus. open the rope. cut the damaged parts. fix it properly on the rope brake dynameter. oiling the moving parts. oiling the gate valves.	oil - grease -	21.7.22	25.7.22	HH 25.7.22	HH	GH	

SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE PARTS & MATERIALS	DEFECT DATE	SOLVED DATE	MENTE - NANCE BY	LAB I/C	HOD	REMARKS
1.	MOUTH PIECE AND ORIFICE METER	Leakage of measuring tank.	open the measuring tank. clean the affected parts. used M-seal on that part. fix it properly. oiling movable parts.	M-seal oil	11.6.22	6.6.22	AK 6/6/22	PT	AK	
2.	PALTON TURBINE	check-valve problem	open the check valve. clean inside the valve. fix it properly. Running the motor 15 minutes, oiling the moving parts.	oil	7.6.22	8.6.22	AK 8.6.22	PT	AK	
3.	REYNOLD'S APPARATUS	Rope line (transparent tube) isn't visible properly.	open the transparent tube. clean it properly. then fix it. used M-seal. Change the Serenge - arrangement.	M-Seal 150gms	13.6.22	17.6.22	AK 17.6.22	PT	AK	
①	METACENTRIC HEIGHT APPARATUS	—	clean the surface area. clean the ship model.	—	—	21.6.22	AK 21.6.22	PT	AK	

MAY-2022

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SL NO	NAME OF MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE PARTS & MATERIALS	DEFECT DATE	SOLVED DATE	MENTENANCE BY	LAB I/C	HO/D	REMARKS
①	Model Impeller with forward/backward wave models of Kaplan, Centrifugal, Francis, Pelton & Reciprocating Pump.	No defect	clean the outside and inside surface of the models, oiling on movable parts.	- oil	-	2.5.22	Chh 2.5.22	It	It	
②	Pist Static Tube.	Pipe line damage	clean the pipe line and fix it with orifice. used M-seal	M-seal orings	31.4.22	7.5.22	Chh 2.5.22			
③	Non-Circular Pipe Apparatus	pipe line Jam	open the pipe lines, clean it properly. then fix it as usual.	-	6.5.22	11.5.22	Chh 11.5.22	It	It	
④	Noisy apparatus	Motor start. Problem.	open the motor cap. clean all dust materials. moving the blade. then fix it as usual using all movable parts.	- oil	18.5.22	22.5.22	Chh 22.5.22	It	It	
⑤	Barnwell's Turbine Apparatus.	No defect.	clean all inside and outside surface area. start the motor for few minutes. to check the apparatus as well as good condition. oiling movable parts.	- oil	30.5.22	30.5.22	Chh 30.5.22	It	It	

APRIL-2022

S A	SL NO	NAME OF MACHINE	TYPES OF DEFECT	TYPES OF MENTENANCE	USED SPARE PARTS MATERIALS	DEFECT DATE	SOLVED DATE	MENTE- NANCE BY	LAB I/C	HOD
(1)	(1)	PITOT STATIC TUBE.	Manometer Pipe line damaged.	open the Pipe. Fix new Pipe line. four new Mercury.	Mercury (10gms.)	21/4/22	21/4/22	Hi 3/4/22	Hi	Hi
	(2)	Reception Pumps & Centri- -fugal pump models.	clean the frequently not workable - bearing Jam.	clean the bearing grease on it. clean the internal parts of the equipment	- oil - - Grease -	5/4/22	5/4/22	Hi		
(1)	(3)	Model 8 of Kaplan, Petton & Francis turbines.	No Defect	cleaning & oiling the workable parts of the equipment.	oil grease Kerosene	11/4/22	13/4/22	Hi	Hi	Hi
	(4)	Impeller Forward & Backward Vane.	No defect	clean the internal and outside parts.	—	18/4/22	18/4/22	Hi		
(1)	(5)	Kaplan Turbine	Proximity Switch defect.	open the Proxi- -mit Switch. Properly fix the wire on the Panel Board. clean the Sump tank. Grease the bearing side. oiling the gate valve. Run the apparatus 1 hrs.	oil - grease.	23/4/22	25/4/22	Hi	Hi	Hi

MARCH-22

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SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF MAINTENANCE	USED SPARE PART MATERIALS	DEFECT DATE	SOLVED DATE	MENTENANCE BY	LAB I/C	HOD	REMARKS
①	MOUTH PIECE ORIFICE METER-APPARATUS.	Lickage on collecting tank.	clean the damaged area. fix M-leak on the effected part. Clean the Sump tank and press measuring tank.	M-leak 1 Pat	21/3/22	4/2/22	HH 4/2/22			
②	BERNOULLI THEOREM APPARATUS	No-defect	clean the Sump tank, Measuring tank, Collecting tank. Run the motor 3/4 hrs. Closing the gate Valve.	oil	10/3/22	15/3/22	HH 15/3/22			
③	NOTCH-APPARATUS	Motor isn't working.	open the Motor. Sent it for Repair to the Electrician. clean the Pipe lines. Clean Sump tank, Measuring tank.	oil	15/3/22	22/3/22	HH 22/3/22			
④	NON-CIRCULAR PIPE.	PIPB LINE ZAM. Water not flow properly	open the Pipe lines. Clean it properly, then fix it. Run the motor $\frac{1}{2}$ hrs.	Taplers tape.	25/3/22	28/3/22	HH 28/3/22			

FEBRUARY - 2022

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SL NO	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF THE MAINTENANCE	USED SPARE PARTS & MATERIALS	DEFECT DATE	SOLVED DATE	MENTENANCE BY	LAB I/C	HOD	REMARKS
①	IMPACT OF JETS	NO DEFECT	cleaning Sump Tank, Measuring tank, oiling hanging beam. Running Motor 15 minutes.	oil, Grease.	1/2/22	1/2/22	H _{sn} 1/2/22			
②	VELOCITY METER & ORIFICE METER	Gate valve damaged	open the old gate valve, fixed New gate valve on the Sump tank. General maintenance.	New 1/2" gate valve (1) No oil -	4/2/22	7/2/22	H _{sn} 7/2/22			
③	REYNOLDS APPARATUS	RUST on the Pipe lines.	open the Reynolds Pipe. clean properly with bleaching powder & Surf. fixed with properly. clean the Senesce. clean the Calor dye tank.	Bleaching Powder. Surf.	18/2/22	20/2/22	H _{sn} 20/2/22	H _{sn}		
④	PELTON TURBINE	Bearing is damaged on the Shaft.	open the casing Chamber. open the Shaft. Fix the new bearing. General maintenance.	(1) New Bearings. (2) Grease (3) oil	23.2.22	28.2.22	H _{sn} 28/2/22			

JANUARY - 2022

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SL NO.	NAME OF THE MACHINE	TYPES OF DEFECT	TYPES OF THE MAINTENANCE	USED SPARE PARTS & MATERIALS	DEFECT DATE	SOLVED DATE	MAINTENANCE BY	LAB I/C	HOD	REMARKS
①	KAPLAN TURBINE	* Rope brake dynamometer not working. * Spring Load not working. * Pressure gauge (inlet) not working. * Starter button of the motor not working.	open the Dynamometer apply small Grease on the Rope. Refitting. Adjust the Spring. oiling on the thread. open the pressure (vacuum) gauge. New Pressure gauge Refitting. Call the Electrician. open the Starter & Replace it.	① Grease ② oil ③ pressure gauge (vacuum) Not used.	4/1/22	8/1/22	Ch. 8/1/22			
②	FANCY TURBINE	* Rope Brake dynamometer. * Spring Load * Values. * Bearings * Motor Condition.	open the Dynamometer apply small grease on the Rope & Down. Apply grease on the Spring Load thread. oiling the Bearings. Run the motor 1/2 hrs for checking motor Condition.	① Grease ② oil	10/1/22	12/1/22	Ch. 12/1/22			
③	RECEPRACATING PUMP.	fly wheel not moving. V. Belt damage Piston not Working.	open the fly wheel. Clean & oiling. New V-Belt fitting. open the piston & clean it. Pour hydraulic oil on the oil chamber.	① No V-Belt used ② Hydraulic oil 200ml	18/1/22	21/1/22	Ch. 21/1/22			

Ch.
21/1/22

Ch.

Sl. No.	NAME OF THE M/C	TYPE OF DEFECT	TYPE OF MAINTENANCE	SPARE PARTS	DATE		MAINTAIN- MCE BY	LAB I/C	H.O.D	REMARK
					DEFECT ON	SLOVED ON				
94	UTM	Repair pressure gauge at the time of Expt.	Fix the pressure gauge and put Hydraulic oil	10 Lit Hydraulic oil	18/10/23	19/10/23	n.n.h	<i>[Signature]</i>		
95	Fatigue test	Check out damage	oiling, Greasing and cleaning	New clean nut	15/11/23		n.n.h	<i>[Signature]</i>	<i>[Signature]</i>	Damage clean nut
96	Rockwell cum Brinell hardness test	Preventive Maintenance	oiling, cleaning and Greasing..	oil, Grease	11/10/23	03/11/23	n.n.h	<i>[Signature]</i>		
97	Belt Grinder	Preventive Maintenance	cleaning, oiling and Greasing	oil Grease	16/12/23	05/01/24	n.n.h	<i>[Signature]</i>	<i>[Signature]</i>	
98	Double Disc polishing m/L	Water leakage	check all pipe lines and Tight it	New clamp -1	01/01/24	15/2/24	n.n.h	<i>[Signature]</i>		
99	Impact test	Preventive Maintenance	cleaning, oiling, Greasing	oil, Grease	14/2/24	25/2/24	n.n.h	<i>[Signature]</i>	<i>[Signature]</i>	
100	Inverter Battery	IC Damage and Water level Down	New IC and Repair	IC - New Distil water 4-litre	15/9/23	16/3/24	Akhya Gaurapaty n.n.hale	<i>[Signature]</i>	<i>[Signature]</i>	

Sl. No.	NAME OF THE M/C	TYPE OF DEFECT	TYPE OF MAINTENANCE
85	HOT AIR OVEN	PID Control Damage.	New PID Control
86	Chamber furnace	PID Control Damage 1000	New PID Control
87	Muffle furnace (1700°C)	Controller Damage	New S7/R1A 120 (2 No.)
88	Double Disc polishing M/C	Preventive maintenance	Clean the plate oiling and clean the pipe line
89	Fatigue test	Preventive maintenance	Clean, oiling and greasing
90	Rockwell Cuy Brinell Hardness test	Preventive maintenance	Cleanly oiling and greasing
91	Bottom pouring furnace	Damage Green rod	New 1 no. Green rod
92	Inverter Battery	Low Distill water level capacitor	Put Distill water and clean and capacitor
93	UTM	Panel board Not Display	New Panel board and software

SPARE PARTS	DATE DEFECT ON	DATE SLOVED ON	MAINTENANCE BY	LAB I/C	H.O.D.	REMARK
	15/1/23	25/02/23	Anshya (ECE Dept)	LW		
	21/1/23	26/02/23	Anshya (ECE Dept)	LW		
	25/1/23	14/6/23	Anshya (ECE Dept)	LW	ATM 16/6/23	
Washing oil	03/03/23	9/02/23	W. S. S.	S. Panda 10/3/23		
oil and Grease	15/3/23	14/3/23	W. S. S.	S. Panda 16/3/23		
oil and Grease	21/3/23	25/3/23	W. S. S.	S. Panda 23/3/23		
Hand Prepara	02/4/23	15/4/23	W. S. S.	LW	ATM 23/4/23	
6 liter Distill water and 1 no. capacitor	20/5/23	22/6/23	W. S. S. Anshya (ECE Dept)	S. Panda 23/6/23		
Panel Board Software	25/6/23	06/9/23	Shreenik S. Panda	S. Panda 06/9/23	ATM	Meatru M/C

SL. NO.	NAME OF THE M/C	TYPE OF DEFECT	TYPE OF MAINTENANCE	SPARE PARTS	DATE DEFECT ON	DATE SLOVED ON	MAINTENANCE BY	LAB I/C	H.O.D	REMARK
77.	UTM	Calibration and Reading not coming properly	Oiling, Greasing and cleaning; calibration	Kerosin + Grease - 250ml	05/04/22	16/05/22	Kiran Jadar	<i>[Signature]</i> 05/11/22	<i>[Signature]</i> 05/11/22	
78	Inverter Battery	Decrease distilled water level	Put Distile water	Distile water 4 1/2	20/06/22	05/07/22	v.n.m	<i>[Signature]</i> 27/7/22	<i>[Signature]</i> 27/7/22	
79.	Electronic Tensometer	Real time error	Replace IC	Battery Backup IC and Real clock time IC Replace	07/08/22	22/09/22	Anand Kishorapan	<i>[Signature]</i> 28/10/22 Kadlae dust (C) at purr.		9850 269991
80	Inverter Battery	down distile water level	put Distile water	Distile water 5 1/2	05/12/22	10/12/22	Kishore m Jada	<i>[Signature]</i> 11/2/22		
81	Disc pushing	water not flow	clean the all inlet and out let pipes		01/12/22	12/12/22	Kishore m Jada	<i>[Signature]</i> 12/12/22	<i>[Signature]</i> 14/12/22	
82	Electronic tensometer	DTU Error	DTU Maintenance	New one DTU	25/11/22	05/03/23	Kundla Instrument	<i>[Signature]</i> 07/7/22		
83	RO-TAPE Sieve Shaker	preventive maintenance	cleaning, oiling, Greasing	Kerosin Grease	20/12/22	05/1/23	v.n.m	<i>[Signature]</i>		
84	Ball Mill	preventive maintenance	cleaning, oiling Greasing	Kerosin Grease	25/12/22	10/1/23	v.n.m	<i>[Signature]</i>	<i>[Signature]</i>	

Sl. No.	Name of the m/c	Type of Defect	Type of Maintenance	spare parts	Date		Maintenance By	Last I/C	H.O.D	Remarks
					Defect on	Solved on				
70	UTM	Software problem	Uninstall the software and Re-install and give preventive maintenance.	-	15/10/21	27/10/21	By Head maintenance section M. N. Sule	<i>[Signature]</i> 28/10/21		
71	Image Analyzer (100x to 500x)	Not working	Service and all type of maintenance.	-	16/10/21	06/12/21	Maheswar Chennaiyer	<i>[Signature]</i> 6/12/21	<i>[Signature]</i> 6/12/21	
72	Image Analyzer (100x to 1000x)	not working	New Software New Camera all type of maintenance.	New Camera and software		13/01/22	<i>[Signature]</i> 13/01/22 Dishank Sule	<i>[Signature]</i> 13/1/22	<i>[Signature]</i> 13/1/22	
73	Vickers Hardness Tester	Not working	New Software New Camera all type of maintenance	New software and camera		13/01/22	<i>[Signature]</i> 13/01/22 Dishank Sule	<i>[Signature]</i> 13/1/22	<i>[Signature]</i> 13/1/22	
74	Rockwell and Brinell Hardness Tester	Reading not coming properly	cleaning, oiling and adjust and all types of maintenance	-		14/01/22	<i>[Signature]</i> 14/01/22 Dishank Sule	<i>[Signature]</i> 14/01/22	<i>[Signature]</i> 14/01/22	
75	Electronic Tensometer	Flotation sensor not working, calibration and programing error	all type of maintenance by Anant Kethiresan	sensor no.	7/02/22	8/02/22	<i>[Signature]</i> Kethiresan 7/2/22	<i>[Signature]</i> 7/2/22	<i>[Signature]</i> 7/2/22	
76	IMPACT TEST IZOD & CHARPY	calibration Required	calibration & check the test sample	-	10/03/22	15/05/22	Kinan Jastu <i>[Signature]</i> Emechuron (C)	<i>[Signature]</i> 11/3/22	<i>[Signature]</i> 11/3/22	

SL. NO.	NAME OF THE M/C	TYPE OF DEFECT	TYPE OF MAINTENANCE	SPARE PARTS	DATE		MAINTENANCE BY	LAB I/C	H.O.D	REMARK
					DEFECT ON	SLOVED ON				
60.	Belt Grinding ME/BMP/14	Preventive maintenance	cleaning, oiling Greasing	-	12/09/21	16/8/21	w.v.m	<i>[Signature]</i> 12/8		
61.	ME/BMP/03 Double disc polishing M/C	4	4	-	19/09/21	21/09/21	w.v.m	<i>[Signature]</i> 12/8	<i>[Signature]</i> 15/10/21	
62.	Abrasive Cupstone M/C ME/BMP/01	4	4	-	24/09/21	26/09/21	w.v.m	<i>[Signature]</i> 12/8		
63.	Air Compressor	4	4	-	30/09/21	03/10/21	w.v.m	<i>[Signature]</i> 12/8		
64.	Bottom pouring furnace.	Preventive maintenance	cleaning, oiling Greasing	-	6/10/21	07/10/21	w.v.m	<i>[Signature]</i> 6/10	<i>[Signature]</i> 6/10/21	
65.	Wear testing (Ducowu)	M/C test with oil	Wear test with coolant.	2 lit engine oil.	10/10/21	11/10/21	w.v.m	<i>[Signature]</i> 10/10		
66.	Linear Reciprocating Tribometer	Newly install	Newly install	-	14/10/21	16/10/21	w.v.m	<i>[Signature]</i> 14/10/21	<i>[Signature]</i> 19/10/21	
67.	Impact Test	Clutch wire breakage	New one clutch wire attached	1 clutch wire.	19/10/21	25/10/21	w.v.m	<i>[Signature]</i> 19/10/21		
68.	UTM M/C	Arm lock in Hydraulic lever	open the lever and cleaning, oiling	oil	01/10/21	05/10/21	w.v.m	<i>[Signature]</i> 01/10/21		
69.	Inverter & Battery	preventive maintenance	Put Distilled water 5 lit and cleaning	5 lit Distilled water	11/10/21	13/10/21	w.v.m	<i>[Signature]</i> 11/10/21	<i>[Signature]</i> 11/10/21	

SL. NO.	NAME OF THE M/C	TYPE OF DEFECT	TYPE OF MAINTENANCE	SPARE PARTS	DATE DEFECT ON	DATE SLOVED ON	MAINTENANCE BY	LAB I/C	H. O. D	REMARK
49.	BALL MILL.	Newly install in furnace lab & clean Newly line connection	Install, cleaning, oiling and greasing	$\frac{1}{2}$ " x 10" Nut, Bolt and washer 6 no.	05/01/21	21/03/21	u.v.h	<i>[Signature]</i> 29/3/21		
50.	RO-TAPE SIEVE SHAKER	Newly install in Furnace lab Newly Line connection	Install, cleaning oiling and Greasing	$\frac{1}{2}$ " x 10" Nut, Bolt and washer. 3 no.	05/01/21	21/03/21	u.v.h	<i>[Signature]</i> 29/3/21		<i>[Signature]</i> 29/3/21
51.	Clay washer ME/BMP/05	Preventive maintenance.	cleaning, oiling Greasing	-	15/07/21	15/07/21	u.v.h	<i>[Signature]</i> 16/7/21		<i>[Signature]</i> 16/7/21
52.	Rapid dryer (ME/BMP/06)	"	cleaning, oiling Greasing	-	17/07/21	17/7/21	u.v.h	<i>[Signature]</i> 21/7/21		
53.	Shive shaver Sand Sieve ME/BMP/07	Preventive maintenance.	cleaning oiling Greasing	-	19/07/21	19/07/21	u.v.h	<i>[Signature]</i> 19/7/21		
54.	Permeability Tester (ME/BMP/10)	"	"	-	22/07/21	22/07/21	u.v.h	<i>[Signature]</i> 22/7/21		<i>[Signature]</i> 22/7/21
55.	Sand Rammer (ME/BMP/09)	"	"	-	26/07/21	26/07/21	u.v.h	<i>[Signature]</i> 26/7/21		
56.	Universal Strength MIL. ME/BMP/11	"	cleaning, oiling Greasing.	-	30/07/21	30/07/21	u.v.h	<i>[Signature]</i> 30/7/21		
57.	Hot Compressive Strength. ME/BMP/12	"	"	-	02/08/21	02/08/21	u.v.h	<i>[Signature]</i> 2/8/21		<i>[Signature]</i> 2/8/21
58.	Sand millen. ME/BMP/13	"	cleaning, oiling greasing.	-	06/08/21	06/08/21	u.v.h	<i>[Signature]</i> 6/8/21		
59.	Erichson Cupping MIL ME/MT/06	Preventive maintenance	"	-	09/08/21	09/08/21	u.v.h	<i>[Signature]</i> 9/8/21		

Sl. No.	NAME OF THE MIC	TYPE OF DEFECT	TYPE OF MAINTENANCE	SPARE PARTS	DATE		MAINTENANCE BY	LAD	H.O.D	REMARK
					DEFECT ON	SLOVED ON				
41.	Wear testing (DUCOMP)	No'	oiling, cleaning & Greasing.	-	20/04/21	23/04/21	n.v.d	Shinde 23/4/21		
42.	Electronic Tensile Testing MIC (Tens. mesin)	Calibration Required and new CPU change Not working	cleaning, oiling & Greasing and New CPU change	-	15/12/20	22/04/21	n.v.d	Shinde 24/2		
43.	Image Analyzer (100x to 1000x)	Not working	cleaning	-	02/03/21	02/03/21	n.v.d	Shinde 2/3/21		Aty 2/3/21
44.	Image analyzer (500x to 500x)	MIC to Desktop image not transfer	cleaning	-	05/03/21	05/03/21	n.v.d	Shinde 5/3/21		
45.	Micro vickers Hardness Tester.	Not working	cleaning.	-	06/11/20		n.v.d			
46.	Metallurgical Microscope. ME 106 ME 107 ME 108 ME 109	No'	cleaning.	-	10/03/21	12/03/21	n.v.d	Shinde 12/3		Aty 10/3/21
47.	Air compressor.	Newly install in furnace has & Newly line connection	Shift from chemical to mechanical, oiling & fit brass gate valve, nipple.	$\frac{3}{4}$ Lbow, brass gate valve, $\frac{1}{2}$ nipple.	05/01/21	15/03/21	n.v.d	Shinde 15/3		

Sl. No.	NAME OF THE MIC	TYPE OF DEFECT	TYPES OF MAINTENANCE	SPARE PARTS	DATE		MAINTENANCE BY	LAB I/C	H.O.D.	REMARKS
					DEFECT ON	SOLVED ON				
33.	INVERTER BATTERY	Distle water level to down	put Distle water New wire connection and cleaning	YL Distle water	03/06/20	05/11/20	w.n.m	S. Panda 6/11/20	AY 12/12/20	
34.	INVERTER UPS	SHOT the line connection & circuits.	PCB Replace	Mother Board Replace	19/12/20	16/01/21	REKUN SETHI 16/01/21	S. Panda 16/01/21	AY 16/11/21	
35.	UNIVERSAL TESTING MIC (UTM)	Maintenance	Oiling, cleaning and greasing.		17/01/21	21/01/21	w.n.m	S. Panda 21/1		
36.	Brinell (or) Rockwell.	Reading not showing properly	calibration required.	-	27/01/21	27/01/21	w.n.m	S. Panda 27/1		
37.	Fatigue test.	NO	cleaning, oiling and greasing	-	01/02/21	03/02/21	w.n.m	S. Panda 3/2	AY 3/2/21	
38.	Impact Test.	NO	cleaning, oiling and greasing.	-	06/02/21	09/02/21	w.n.m	S. Panda 09/2		
39.	Double Disc polishing	To join the pipe line	To clean the DISC and pipe lines.		11/02/21	15/02/21	w.n.m	S. Panda 15/2		
40.	Belt Grinder.	NO	cleaning, oiling and greasing.		17/02/21	14/02/21	w.n.m	S. Panda 14/2	AY 17/2/21	

Sl. NO	NAME OF THE M/C	TYPE OF DEFECT	TYPES OF MAINTENANCE	SPARE PARTS	DATE		MAINTENANCE BY	LAB I/C	HOD	REMARK
					Defect on	Solved on				
24.	ABRASIVE CUTTING M/C ME/BMP/01	Cutting oil flowing not properly and oil pipe watter	Cutting oil changed oil pipe new	1M pipe 1 L cutting oil	10/01/20	25/01/20	u.n.d	<i>P. Shinde</i> 24/01/20	<i>AM</i> 27/1/20	
25	UTM ME/MT/02	Newly M/C Setup it has	Newly setup the M/C Hydraulic oil pipe setup Electric wire connection	$\frac{1}{2}$ kg Grease cutting oil $\frac{1}{2}$ L oil	03/06/20	15/12/20	u.n.d	<i>P. Shinde</i> 15/12/20		
26.	DOUBLE DISC POLISHING M/C ME/BMP/03	Newly Setup	Electric wire connection water pipe connection cleaning	with basin, pipe, nozzle 2c, base valve	03/06/20	10/12/20	u.n.d	<i>P. Shinde</i> 12/12/20		
27.	IMPACT TEST M/C ME/MT/11	Newly setup	Electric wire connection Newly M/C set up. Greasing, oiling, cleaning.	Grease	03/06/20	05/09/20	u.n.d	<i>P. Shinde</i> 04/09/20	<i>AM</i> 5/9/20	
28	FATIGUE TEST	Newly setup	Electric wire connection oiling, cleaning, greasing	Grease oil	04/06/20	07/08/20	u.n.d	<i>P. Shinde</i> 7/8/20		
29.	ROCKWELL CUM BRINELL HARDNESS TESTER	Newly Setup	Electric wire connection oiling, cleaning, greasing	Grease oil	05/06/20	09/07/20	u.n.d	<i>P. Shinde</i> 10/7/20		
30.	WEAR TESTING M/C DUCOMO ME/01	Newly Setup	All the electric wire connection, cleaning and oiling.	oil	06/06/20	09/08/20	u.n.d	<i>P. Shinde</i> 09/08/20		
31.	ELECTRONIC TENSOMETER	Newly Setup	All the electric wire connection, cleaning and oiling.		07/06/20	11/10/20	u.n.d	<i>P. Shinde</i> 11/10/20	<i>AM</i> 5/7/20	
32.	BELT GRINDER	Newly Setup	Electric wire connection, oiling cleaning and greasing	Grease oil.	03/06/20	05/07/20	u.n.d	<i>P. Shinde</i> 9/7/20		

SL. NO.	NAME OF THE MACHINE	TYPE OF DEFECT	TYPES OF MAINTENANCE
14/	GITEU/MET/PHY/004 Disc polishing m/c	Maintenance	To clean all the pipes Disc and oiling, Greasing
15/	GITEU/MECH/MT/06 UTM m/c	Maintenance	To cleaning, oiling & Greasing.
16/	GITEU/MET/PHY/007 Metrological microscope	Maintenance Don't come to power supply in microscope.	
17/	GITEU/MET/PHY/006 - Metrological microscope		
18/	GITEU/MET/PHY/009 - Metrological microscope		
19/	GITEU/MET/PHY/010 - Metrological microscope		
20/	GITEU/MET/MT/12 Double Disc polishing m/c	disc Maintenance No working Disc Regulator Switch	New disc Regulator Switch
21/	GITEU/MET/01 Horizontal Tube furnace	Temp. not increasing	
22/	GITEU/MET/03 Muffel furnace	Ampere not increasing	
23/	Wear testing m/c Ducomo	Calibration	All type of Calibration

DATE		MAINTENANCE	LAI3	H.O.D	REMARK
DEFECT ON	SOLVED ON				
21/02/19	03/03/19	w.w.dale Jyoti	1/C Jyoti	AM 27/3/19	
12/03/19	13/04/19	w.w.dale Jyoti	Jyoti	AM 15/4/19	
02/08/19		M. K. Jaiswal 44 Kalyanpur IIT Kharagpur Dept.	Jyoti		
02/09/19	07/08/19			Jyoti	
07/08/19	16/08/19				AM 07/8/19
07/09/19	24/05/19				AM 07/9/19
3/9/19	29/10/19		Jyoti 29/10/19		
03/07/19	24/09/19		Jyoti 24/9/19		
18/9/19				*	
	06/01/2020	Mohini Joshi Ducomo	Jyoti 06/01/2020	AM 07/1/19	

MOS Maintenance Lab Register

SL. NO.	NAME OF THE MACHINE	TYPE OF DEFECT	TYPES OF MAINTENANCE	SPARE PARTS	DATE		MAINTENANCE BY	LAB I/C	HOD	REMARKS
					DEFECT ON	SOLVED ON				
1	Fatigue Test - MET/MT/07	Not running properly	To clean, oiling and put Grease on Bearing	-	9/10/17	13/10/17	Kishore w. dule	SK		
2	IMPACT TEST MET/MT/09	clutch wire dis. connect	clutch wire dis. connect To engage new clutch wire.	New one clutch wire	2/11/17	6/11/17	Kishore w. dule	SK		
3	UTM - MET/MT/06		To fill the hydraulic oil.		17/11/17	23/11/17	Kishore w. dule	SK	AM	31/2/17
4	UTM - MET/MT/05		To cleaning, oiling, greasing		25/11/17	03/12/17	Kishore w. dule	SK		
5	Abrasive Cutting m/c	Not running properly	oiling, cleaning and greasing		9/12/17	13/12/17	Kishore w. dule	SK		
6	UTM - MET/MT/05		oiling, cleaning and greasing		5/7/18	6/7/18	Kishore w. dule	SK	AM	12/1/18
7	Fatigue Test - MET/MT/07	Motor not running properly	To join motor line properly, cleaning, greasing & oiling		13/07/18	16/7/18	Kishore w. dule	SK		
8	Disc polishing m/c	Damage all the pipe lines.	Re-connect all the pipe lines.	new 1/2" UPVC, L-hou, clamp, T-clamp, Hose nipple, hose clamp, Hex PIPE etc.	20/07/18	7/8/18	Kishore w. dule and prabha	SK		
9	INVERTER	Damage mother board	To change the mother board	mother board	5/6/18	27/11/18	Micro Tech Service men w. n. dule	SK	AM	31/2/18
10	Tensometer	Repairing/calibration			03/12/18	28/02/19	By A.V. Krishnaiah			
11	UTM-MET/MT/05	Hydraulic oil leakage by pipe	To clean, oiling and fix the pipe		02/02/19	13/02/19	By w. n. dule	SK	AM	14/2/19
12	Wear Testing m/c	Maintenance	To clean the oil tank and oiling		02/01/19	25/01/19	w. n. dule	SK	AM	14/2/19
13	MET/MT/13 Abrasive Cutting m/c	Maintenance	To cleaning, oiling & Greasing	oil and Grease	20/02/19	23/02/19	w. n. dule	SK	AM	28/2/19

Computer Lab Maintenance Register

Sl. No.	Date	System No.	Nature of issue	Action taken	Solved date	Sign. of Handing over department.	Sign. of faculty	Remarks
01.	06.01.23.	06	monitor frozen	Resolved	09.01.23	Uma	[Signature]	
		08	CPU functioning slow					
		15	No power supply of					
		17	OS issue					
		23	Monitor frozen					
02.	17.01.23.	25	No bootable disk	Resolved	18.01.23	Uma	[Signature]	
		35	No OS.					
		01.	Recovery mode					
		09.	No keyboard					
03.	02.02.23.	49	Power supply	Resolved	09.02.23	Prasanta	[Signature]	
		39	CPU not turning on					
		21	No OS.					
		19	Monitor issue					
		25	Power supply					
04.	21.02.23.	38	No mouse	Resolved	23.02.23	Prasanta	[Signature]	
		28	No cable to CPU					
		29	Frozen monitor					
		19	CPU.					
		20	No OS.					

24		25						
S.No.	Date	System No.	Nature of Problem	Action Taken	Solved Date	Sign. of Hardware person	Sign of Faculty	Remarks
01.	11.11.22.	49	No bootable disk	} Resolved	} 12.11.22.	} <u>Ummer</u>	} <u>Asan</u>	
		41	Mouse Replacement					
		37	No Keyboard Key					
		32	No monitor cable.					
02.	23.11.22.	06	Monitor not responding	} Resolved	} 28.11.22.	} <u>Prasanta</u>	} <u>[Signature]</u>	
		07	No keys on keyboard					
		10	No mouse					
		31	No OS.					
		38	No bootable disk.					
03.	07.12.22.	01	No power supply	} Resolved	} 08.12.22.	} <u>Ummer</u>	} <u>[Signature]</u>	
		04	Socket broken					
		23	No internet					
		29	No OS.					
04.	16.12.22.	08	No OS	Resolved	} 18.12.22	} <u>[Signature]</u>	} <u>[Signature]</u>	
		09	No keyboard	} pending				
		10	No internet					
		17	No OS.	Resolved				
05.	30.12.22	11	No OS.	Resolved.	} 31.12.22	} <u>[Signature]</u>	} <u>[Signature]</u>	
		19	Socket broken	} solved				
		25	No internet					
		29.	No internet					

Sl. No.	Date	System No.	Nature of problem	Action Taken	Solved Date	Sign of Hardware person	Sign. of Faculty	Remarks
01.	23.09.22.	01	Keyboard not responding.	} Resolved.	} 26.09.22.	<u>Umma</u>	<u>[Signature]</u>	
		02	Mouse not working.					
		10	No OS.					
		30.	No OS.					
02.	11.10.22.	15	No bootable dsk	} Resolved.	} 12.10.22.	<u>Umma</u>	<u>[Signature]</u>	
		16	No OS.					
		18	monitor not working					
		25	No cables.					
		32	power supply					
03.	20.10.22.	08	CPU not turning on	} Resolved.	} 22.10.22.	<u>Shilpa</u>	<u>[Signature]</u>	
		09	mouse click doesn't respond					
		23	monitor issue					
		27	No bootable dsk					
		29.	No OS.					
04.	27.10.22	18	CPU not booting	} Resolved	} 29.10.22	<u>Prasanta</u>	<u>[Signature]</u>	
		20	OS deleted					
		45	No Mouse					
		60	keys missing					
05.	02.11.22	09	OS deleted	} Resolved	} 7.11.22	<u>Prasanta</u>	<u>[Signature]</u>	
		60	Monitor Screen iss					
		48	No mouse					
		49	keys missing					

20						21																																		
Sl. No	Date	System No.	Nature of Problem	Action Taken	Solved date	Sign of Hard ware Person	Sign of faculty	Remarks																																
1	5/08/22	3	Window Problem	x reading resolved	06-08-22	UMA RAO																																		
2	5/08/22	9	System problem	resolved	06-08-22			UMA RAO																																
3	5/08/22	16	mouse not working	mouse pad need						06-08-22	UMA RAO																													
4	5/08/22	23	OS problem	resolved									06-08-22	UMA RAO																										
5	5/08/22	28	CPU not there													resolved	06-08-22	UMA RAO																						
6	5/08/22	31	System Hang																	resolved	06-08-22	UMA RAO																		
7	5/08/22	36	Network problem																					resolved	06-08-22	UMA RAO														
8	5/08/22	50	CPU not there																									resolved	06-08-22	UMA RAO										
9	5/08/22	57	System problem																													resolved	06-08-22	UMA RAO						
10	16/08/22	37	power Board issue																																	resolved	06-08-22	UMA RAO		
"	19/08/2022	57	Internet not connecting			resolved	06-08-22																																	UMA RAO
	27/08/22	3	System Problem		resolved			06-08-22	UMA RAO																															
	27/8/22	22	"							resolved	06-08-22	UMA RAO																												
	"	28	CPU not there	resolved									06-08-22	UMA RAO																										
		31	System Problem													resolved	06-08-22	UMA RAO																						
	27/8/22	33	System Problem																	resolved	06-08-22	UMA RAO																		
	"	40	"																					resolved	06-08-22	UMA RAO														
	"	52	"																									resolved	06-08-22	UMA RAO										
	27/8/22	61																														resolved	06-08-22	UMA RAO						
	"	63																																		resolved	06-08-22	UMA RAO		
	27/8/22	65	mouse not there			resolved	06-08-22																																	UMA RAO
	9/9/22	37,40,41,51	Power Board issue		resolved			20-09-22	Prasanna																															
	"	49	Mouse port (6)							resolved	20-09-22	Prasanna																												
	"		CPU (5)	resolved									20-09-22	Prasanna																										
	"															resolved	20-09-22	Prasanna																						
	19/9/22	44	USB Drive Not Working		resolved			20-09-22	Prasanna																															

18		19						
Sl. No.	Date	System No	Nature of problem	Action Taken	Solved date	Sign of Hardware person	Sign of faculty	Remarks
18	9.04.22	13	mouse not working	mouse changed	10.04.22	Luv	G.V.S	
		28	os problem	Solved	"			
		37	Dev application not working	application restored	"			
19	16.04.22	17	key board not working	key board repaired	17.04.22	Luv	G.V.S	
		20	power failure	Solved	"			
20	26.04.22	26	mouse not working	mouse changed	27.04.22	Luv	Jhilli	
		59	power problem	Solved	"			
		61	computer is slow	formatted	"			
21	04.05.22	25	power failure	Solved	05.05.22	prashant	Jhilli	
		58	Internet is slow	Solved	"			
		60	slow internet	"	"			
22	10.06.22	24	mouse is broken	mouse changed	11.06.22	prashant	Jhilli	
		42	Screen is frozen	Repaired	"			
		57	booting problem	solved	"			
23	21.06.22	27	Can't connect to internet	Solved	21.06.22	Luv	Lipta	
		45	Server down	Solved	"			
		53	Internet issue	Solved	"			
24	29.06.22	23	System is slow	Solved	30.06.22	Luv	Lipta	
		28	mouse is broken	mouse is changed	"			
25	05.07.22	12	CPU is overheating	repaired	6.07.22	Luv	Lipta	
		17	System is slow	RAM extended	"			
		20	power failure	Solved	"			
		30	Power failure	Solved	"			

S.No	Date	System no	Nature of Problem	Action taken	Solved date	Sign of Hardware person	Sign of Faculty	Remarks
10	10.01.22	06	Windows wont boot	Repaired	11.01.22	Luna	Ganguly	
		17	Computer is slow	Bug removed	"			
		22	internet not connect	problem solved	"			
					"			
12	19.01.22	15	Slow internet	Solved	20.01.22	Luna	Ganguly	
		27	Abnormal functioning	Solved	"			
					"			
12	28.01.22	33	slow internet	Solved	29.01.22	Luna	Ganguly	
		36	computer not starting	Solved	"			
		48	over heating	cpu replaced	"			
					"			
13	3.02.22	4	The screen is blank	monitors repaired	3.02.22	Parvati	Ganguly	
		19	The screen is frozen	solved	"			
		27	Slow internet	solved	"			
					"			
14	12.03.22	11	mouse is not working	mouse changed	13.03.22	Parvati	Ganguly	
		35	computer is slow	Solved	"			
		49	internet is slow	Solved	"			
15	17.03.22	20	PC beep's	Solved	18.03.22	parvati	Pranali	
		28	Screen is frozen	Solved	"			
		55	power failure	Solved	"			
					"			
16	25.03.22	5	keyboard is broken	keyboard changed	27.03.22	parvati	Pranali	
		14	mouse is broken	mouse changed	"			
		17	system is slow	solved	"			
17	31.03.22	16	Dysfunctional port	solved	2.04.22	parvati	Saha	
		28	PC beep's	Solved	"			
		34	computer not opening	repaired	"			
		52	internet is slow	solved	"			

Sl. No	Date	System No	Nature of Problem	Action Taken	Solved date	Sign of Hardware person	Sign of Faculty	Remark's
1	12/10/21	05	System is slow	Solved	12/10/21	Pansari	Bath	
	"	09	windows won't start	Solved				
	"	22	System is slow	Solved				
2	18/10/21	33	power failure	Solved	19/10/21	Pansari	Gangotri	
		14	Keyboard broken	key board changed				
		25	Power failure	Solved by				
		26	"	Electronian				
3	25/10/21	01	Computer is beeping	Cpu reinstalled	26/10/21	Pansari	Bath	
		53	Slow internet	Solved				
		60	Application crashes	Application reloaded				
4	4/11/21	22	mouse is not working	mouse is changed	15/11/21	Pansari	Gangotri	
		26	Screen is blank	monitor replaced				
		53	Internet is slow	Solved				
5	15/11/21	17	Computer is slow	RAM extended	16/11/21	Chauhan	Bath	
		19	Keyboard not working	Keyboard changed				
		34	slow internet	Problem solved				
		52	System error	Cpu changed				
6	23/11/21	27	system is slow	RAM extended	24/12/21	Chauhan	G.V.S	
		41	power failure	Solved				
		56	Keyboard is not operating	Keyboard changed				
7	7/12/21	34	System is slow	RAM extended	8/12/21	Chauhan	G.V.S	
		49	power failure	Solved				
8	15/12/21	13	Screen is blank	Monitors repaired	16/12/21	Sankar	Chandhok	
		18	Application crashes	Application reloaded				
9	30/12/21	37	Monitor is not on	caple changed	1/01/22	Sankar	Chandhok	

12		13						
Sl. No	Date	System No	Nature of Problem	Action Taken	Solved date	Sign of Handover person	Sign of faculty	Remarks
41)	26/12/19	16	power failure	solved	27/12/20	Panicha	GSM	
		29	slow internet	solved	"	Panicha	GSM	
42)	31/01/20	21	Keyboard is broken	Keyboard changed	4/01/20	Uma	Spadha	
		58	Application crashes	Application reinstalled	"	Uma	Spadha	
43)	13/01/20	34	Can't connect to internet	problem solved	14/01/20	Csbhena	Csbh	
		39	power failure	solved	"	Csbhena	Csbh	
44)	22/01/20	43	System error	OS reloaded	23/01/20	Panicha	Strupet	
		57	power failure	solved	"	Panicha	Strupet	
45)	4/02/20	35	mouse is not working	mouse is changed	5/02/20	Panicha	Csbh	
		51	screen is freeze	monitor repaired	"	Panicha	Csbh	
46)	14/02/20	26	Application crashes	Application restored	15/02/20	Uma	Spadha	
		37	slow internet	problem solved	"	Uma	Spadha	
47)	19/02/20	52	Keyboard is not working	Keyboard changed	20/02/20	Panicha	Strupet	
		57	power failure	problem solved	"	Panicha	Strupet	
		63	slow internet	solved	"	Panicha	Strupet	
48)	26/02/20	13	Screen is blank	monitor repaired	27/02/20	Csbhena	Csbh	
		18	mouse is not working	mouse changed	"	Csbhena	Csbh	
		37	mouse is not working	mouse changed	"	Csbhena	Csbh	
49)	6/03/20	14	System error	OS reloaded	7/03/20	Uma	Spadha	
		20	slow internet	solved	"	Uma	Spadha	
		45	power failure	solved	"	Uma	Spadha	

Sl. No.	Date	System No.	Nature of Problem	Action Taken	Solved date	Sign of third year person	Sign of faculty	Remarks
33	27/09/19	12	System configuration pending	configured.	28/09/19	Uma	Uma	
34	3/10/19	26	installing software stopped	solved	11	Uma	Uma	
		36	Hard disk failure	CPU changed	4/10/19	Paricha		
		48	Windows won't boot	Solved	11	Paricha	Uma	
35	15/10/19	18	System error	Solved	16/10/19	CS Behara		
		19	PC is beeping	Solved	11	CS Behara	Uma	
		23	Keyboard is not working	Keyboard changed	11	CS Behara		
36	6/11/19	25	mouse is not working	mouse changed	7/11/19	Uma		
		58	Screen is blank	monitor repaired	11	Uma	Uma	
		60	internet is slow	solved	11	Uma		
37	18/11/19	17	computer is beeping	computer repaired	19/11/19	Uma		
		19	keyboard not working	keyboard changed	11	Uma	Parichal	
		34	slow internet	problem solved	11	Uma		
		52	system error	CPU changed	11	Uma		
38	28/11/19	23	keyboard is not operating	Keyboard changed	29/11/19	Paricha		
		41	Application crashes	Application reloaded	11	Paricha	Parichal	
		56	can't connect to the internet	solved	11	Paricha		
39	10/12/19	27	system is slow	RAM extended	11/12/19	Paricha		
		43	power failure	solved	11	Paricha	Parichal	
40	17/12/19	45	keyboard not operating	Keyboard changed	18/12/19	Uma		
		53	CPU not working	CPU repaired	11	Uma	Parichal	
		59	internet is slow	solved	11	Uma		

Sl No.	Date	System No.	Nature of Problem	Action Taken
25	17/07/19	2	Keyboard not working	Keyboard changed
		32	System is slow	Ram extended
		56	Mouse is not working	mouse changed
26	25/07/19	33	USB Port is broken	wire changed
		42	system error	Cpu changed
		59	mouse is not working	mouse changed
27	7/08/19	36	power failure	Solved
		39	internet issue	Solved
		41	Mouse is not working	mouse changed
28	16/08/19	23	The screen is frozen	Solved
		28	Windows won't boot	Solved
		54	computer is beeping	Solved
29	22/08/19	26	The screen is blank	monitors changed
		33	mouse is broken	Mouse changed
		47	system is slow	Ram extended
		54	Slow internet	Solved
30	9/09/19	12	internet is slow	Solved
		17	Screen is frozen	monitors changed
31	19/09/19	18	Over heating	Cpu changed
		20	mouse not working	mouse changed
		33	system is slow	Ram extended
32	27/09/19	45	computer won't start	Solved
		58	system error	Solved

Solved date	Sign of Handwome Person	Sign of faculty	Remarks
18/08/19	Uma	Spadha	
"	Uma	Spadha	
"	Uma	Spadha	
26/07/19	CS bhena	CS bhena	
"	CS bhena	CS bhena	
"			
08/08/19	Uma	Spadha	
"	Uma	Spadha	
"	Uma	Spadha	
17/08/19	Paricha	Geus	
"	Paricha	Geus	
"	Paricha	Geus	
23/08/19	Paricha	Gmagat	
"			
"			
"			
12/09/19	Paricha	Gmagat	
"			
20/09/19	Paricha	Gmagat	
"			
"			
28/09/19	Paricha	Gmagat	
"			

SI NO	Date	System no.	Nature of Problem	Action Taken	Solved date	Sign of Hardware person	Sign of faculty	Remarks
16	03/05/19	06	Monitors not working	Monitors changed	4/5/19	Alma	Shahy	
		17	System is slow	Solved	"	Alma	Shahy	
17	10/05/19	12	cpu not working	checked and solved	11/5/19	Camek	Sahy	
18	20/05/19	15	internet problem	Solved	21/5/19	Alma	Alma	
		27	Keyboard broken	Keyboard changed	21/5/19	Alma	Alma	
		33	internet Problem	Solved	21/5/19	Alma	Alma	
19	24/05/19	21	System is very slow	(RAM extended) Solved	25/5/19	C. S. Chohan	Shahy	
		36	Application crashes	Solved	25/5/19	C. S. Chohan	Shahy	
20	05/06/19	4	Can't connect to internet	Solved	6/6/19	Par	Sahy	
		13	mouse is not working	mouse changed	6/6/19	Par	Sahy	
		19	internet error	Solved	6/6/19	Par	Sahy	
21	13/06/19	7	power failure	Solved	14/6/19	Alma	Shahy	
		14	System is slow	RAM extended	14/6/19	Alma	Shahy	
		16	Keyboard is not working	Keyboard changed	14/6/19	Alma	Shahy	
22	19/06/19	6	internet is slow	Solved	20/6/19	C. S. Chohan	Alma	
		18	System error	Solved	20/6/19	C. S. Chohan	Alma	
		27	Hard disk crashed	cpu changed	20/6/19	C. S. Chohan	Alma	
23	25/06/19	11	Monitors plug problem	Solved	26/6/19	Parvitha	Sahy	
		35	internet is slow	Solved	26/6/19	Parvitha	Sahy	
		48	Application is not there	Application installed	26/6/19	Parvitha	Sahy	
24	8/07/19	19	cpu is not working	Solved	9/7/19	Alma	Shahy	
		27	System is slow	RAM extended	9/7/19	Alma	Shahy	
		54	power failure	Solved	9/7/19	Alma	Shahy	

Sl No	Date	System No.	Nature of Problem	Action Taken
9.	07/03/19	12	Windows won't boot	Solved
	"	19	Computer is slow	Bug removed
	"	32	internet not connected	Problem checked
10.	12/03/19	35	Slow internet	solved
	"	47	Abnormally functioning	Solved
11.	19/03/19	55	Slow internet	Solved
	"	59	computer not starting	Solved
	"	61	Overheating	Solved
	"	63	The screen is blank	Solved
12.	2/04/19	01	key board is broken	Keyboard changed
	"	23	The screen is frozen	Solved
13.	9/04/19	09	mouse is not working	Solved
	"	33	Computer is slow	Solved
	"	46	slow internet	Solved
14.	22/04/19	22	Dysfunctional USB Port	solved
	"	27	PC beeps	solved
	"	32	computer not opening	Solved
	"	48	power failure	solved
15.	29/04/19	5	Screen is frozen	Solved
	"	13	mouse is broken	Solved
	"	19	key board keys broken	Solved
	"	26	System is slow	Solved
	"	41	power failure	Solved

Solved date	Sign of Hardware person	Sign of faculty	Remarks
9/03/19			
"	<u>Pankaj</u>	<u>Pankaj</u>	
"			
13/03/19			
"	<u>Pankaj</u>	<u>Pankaj</u>	
"			
22/03/19			
"	<u>Govind</u>	<u>Govind</u>	
"	<u>Govind</u>		
"			
03/04/19			
"	<u>Govind</u>	<u>Govind</u>	
"			
10/04/19			
"	<u>Govind</u>	<u>Govind</u>	
"			
23/04/19			
23/04/19	<u>Govind</u>	<u>G.V.S</u>	
"			
"			
30/04/19			
"			
"	<u>Govind</u>	<u>Pankaj</u>	
"			
"			

Sl No	Date	System No	Nature of Problem	Action Taken	Solved Date	Sign. of Hardware Person	Sign. of faculty	Remarks
1	7/01/19	3	mouse not working	mouse changed	8/1/19	Uma	Beth	
	"	9	OS problem	OS installed	8/1/19	Uma	Beth	
	"	18	JAVA not installed	JAVA installed	8/1/19	Uma	Beth	
	"	22	power problem	Solved	8/1/19	Uma	Beth	
2	12/01/19	37	key board not working	key board repaired	13/1/19	Csheta	Gowri	
	"	42	OS problem	Re installed	"	Csheta	Gowri	
	"	51	power failure	Solved	"	Csheta	Gowri	
	"	54	power failure	Solved	"	Csheta	Gowri	
3.	18/01/19	23	system error	cpu changed	20/01/19	Uma	GSD	
		34	internet problem	Solved	20/01/19	Uma	GSD	
		43	internet problem	Solved	20/01/19	Uma	GSD	
4.	29/01/19	25	mouse not working	mouse changed	30/01/19	Uma	Shruthi	
		59	power failure	Solved	30/01/19	Uma	Shruthi	
5.	5/02/19	23	Power. problem	Solved	06/02/19	Ponicka	Spada	
		45	computer is slow	Solved	06/02/19	Ponicka	Spada	
6.	8/02/19	37	Java path is not set	completely installed	09/02/19	Uma	Gowri	
	8/02/19	33	Keyboard not working	key board changed	09/02/19			
7.	18/02/19	36	mouse is broken	mouse changed	20/02/19			
	18/02/19	52	Screen is frozen	Solved	20/02/19			
	18/02/19	54	slow internet	Solved	20/02/19			
8.	27/02/19	35	Dropped internet connection	Solved	01/03/19	Uma	Gowri	
	"	42	Computer won't start	OS installed	01/03/19			
	"	46	booting problem	Solved	01/03/19			
	"	56	Mouse not working	mouse changed	01/03/19			