



Swami Keshvanand Institute of Technology, Management & Gramothan

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Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

Point 4.4.2 Laboratory Maintenance Record (Sample)

📍: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA
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**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
CIVIL ENGINEERING DEPARTMENT**



LABORATORY NAME: GEOTECHNICAL ENGINEERING LAB (5CE4-22)

MAINTENANCE REGISTER

**FACULTY INCHARGE: PANKAJ GUPTA
TECHNICIAN INCHARGE: SURESH KUMAR YADAV**

S.No	Stuck Register Page no	Date of report	Name of equipment	Make	Details of Problem/Maintenance required	Action taken by lab Incharge/TA	Signature		Date of Repair	Details of Repair	Remark by Lab Incharge	Signature	
							Lab Incharge	TA				Lab Incharge	TA
16		27/4/15	Sand furnace	HELCO	not working on applying load/need replacement on 27/4/15	Mail sent to company	MS 21/4/15		2/5/15	Replacement received on 2/5/15	Received Replacement on 2/5/15	MS 2/5/15	
17		10/3/17	Oven	S.D. Scientific and CHEMICALS	Heating filament and get burnt, relay on order replacement	Heating filament, Relay on order	MS 10/3/17		12/7/17	Repair over part of heating filament & relay	Repair over part of heating filament & relay	MS 12/7/17	
17		9/08/17	Oven	S.D. Scientific and Chemicals	Heating filament and got burnt	Imparted to lab Incharge	MS 9/8/17		16/08/17	Repaired by T.A. Anil K.	Repaired by T.A. Anil K. done	MS 16/08/17	
17		11/05/18	Oven	S.D. Scientific and Chemicals	Heating filament got burnt	Imparted to lab Incharge	MS 11/5/18		19/09/18	Repaired by TA.	Repaired by TA. done	MS 19/09/18	
17		24/01/19	Oven	S.D. Scientific and Chemicals	Heating filament and got burnt	Imparted to lab Incharge	MS 24/1/19		30/01/19	Repaired by TA	Repaired by TA. done	MS 30/01/19	
												PM HOD	02-02-19

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
CIVIL ENGINEERING DEPARTMENT**



LABORATORY NAME: ROAD MATERIAL TESTING LAB (7CE4-21)

MAINTENANCE REGISTER

**FACULTY INCHARGE: NISHANT SACHDEVA
TECHNICIAN INCHARGE: ANIL KUMAR SOMVANSHI**

S. NO.	STOCK NO.	DATE OF REPORT	NAME OF EQUIPMENT	MAKE	DETAILS OF PROBLEM / MAINTNANCE REQUIRED	ACTION TAKEN BY LAB INCHARGE / T.A.	SIGNATURE LAB T/C T.A.	REPAIR DATE	DETAILS OF REPAIR	REMARKS BY LAB T/C T.A.	INITIALS
1	14	9/11/18	oven	-	Heating element got burnt	Problem Resolved by T.A.	[Signature]	22/11/18	Heating element repaired by T.A.	[Signature]	[Signature]
2	14	18/11/18	"	-	"	"	[Signature]	20/11/18	"	[Signature]	[Signature]
3	14	10/11/19	"	-	"	"	[Signature]	17/11/19	"	[Signature]	[Signature]
4	xxx	4/11/19	MS burner	-	Holes blocked due to Burner	Replaced by new burner	[Signature]	8/1/19	Replaced	[Signature]	[Signature]
5	14	28/11/19	oven	-	Heating	25% R.	[Signature]				[Signature]
5	14	28/11/19	oven	-	Heating element got burnt	Problem Resolved by T.A.	[Signature]	29/11/19	Now replaced	[Signature]	[Signature]
6	08	22/11/19	Balancer	-	not working		[Signature]	23/11/19			

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
CIVIL ENGINEERING DEPARTMENT**



**LABORATORY NAME: COMPUTER AIDED CIVIL ENGINEERING
DRAWING LAB (3CE4-23)**

MAINTENANCE REGISTER

**FACULTY INCHARGE: POOJA JAIN
TECHNICIAN INCHARGE: AJAY SINGH**

S.No	Stock Register Page no	Date of report	Name of equipment	Make	Details of Problem/Maintenance required	Action taken by lab Incharge/TA	Signature		Date of Repair	Details of Repair	Remark by Lab Incharge	Signature	
							Lab Incharge	TA				Lab Incharge	TA
1.	8	28/7/15	lenovo computer	lenovo	windows & lab software problem	checked all system and installed window and software	<i>[Signature]</i> 29/7/15	Ajay	4/8/15	All system working properly	<i>[Signature]</i> 4/8/15	Ajay	
2.		5/11/15	Len port 16, 19, 22, 31	D-links	Not show lan connectivity in these port and asquired handle for both to require port six	All these port repaired by camera	<i>[Signature]</i> 5/11/15	Ajay	6/11/15	Lan connection show in port and running on internet in systems	<i>[Signature]</i> 6/11/15	Ajay	
3.	8	22/6/16	lenovo Computer	lenovo	Dusting and Cleanly of all system by Vacuum cleaner is required	All system cleaned	<i>[Signature]</i> 22/6/16	Ajay	25/6/16	All system All system Dusting and Cleaned	<i>[Signature]</i> 27/6/16	Ajay	
4.	8	2/07/16	lenovo Computer	lenovo	Autocad software not working and require to install autocad software in some systems	Autocad software checked system and autocad & other soft-ware works properly	<i>[Signature]</i> 6/7/16	Ajay	4/7/16	All Installed autocad and other software in some systems	<i>[Signature]</i> 5/7/16	Ajay	
5.	7	8/9/16	Emerson UPS	Emerson	UPS is not supply power in computer system. IGBT, driver card fault	Informed to Yashwanth Sharma sir and checked by electrician Bhrupenderg	<i>[Signature]</i> 8/9/16	Ajay	27/9/16	UPS is repaired by Sunline info energy Pvt Ltd	<i>[Signature]</i> 27/9/16	Ajay	

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
CIVIL ENGINEERING DEPARTMENT**



**LABORATORY NAME: ENVIRONMENTAL ENGINEERING DESIGN AND
LAB (6CE4-21)**

MAINTENANCE REGISTER

**FACULTY INCHARGE: VIKAS VYAS
TECHNICIAN INCHARGE: HANSRAJ MEENA**

S.No.	Stock Register Page No.	Date of Report	Name of Equipment	Make	Details of Problem/ Maintenance Required	Action taken Incharge/TA	Signature		Date of Repair	Details of Repair	Lab Incharge	TA
							Lab Incharge	TA				
4												
1.		10-8-2016	Electricity Box			OK			12-8-16	12-8-2016	done by Vinod Kr. electrician	AB
2.		10-9-2016		Gilax's	Sheet Cup Board	OK			15-9-16	15-9-2016	done by Anurag JI cooperates	AB
3.		15-9-2016		wooden	Stool Top				15-9-16	15-9-2016	done by Sphash Jangid	AB
4.		2-10-2016		plastic Aluminium & Glass	Racks Stand				5-10-16	5-10-2016	done by Ravash Khan	AB
5.		5-12-16		steel	Framing Cup Board Rod (distillation)				10-12-16		done by Vinod K. JI	AB
6.	95	1-1-17			Beer Board in Electrolysis				2-1-17		done by Bhupendra	AB
7.		2-3-17			Auto cut-off not working				3-3-17		Not work	AB
8.	17	6-12-18		Beeta	Relay Replace				?		Not work	AB
9.	15	20-12-18		Beeta	Compressor damaged	Under					Not working	AB
		22-03-19		Beeta	Compressor	Mounting mountains						AB
10.	19	8-4-19		Beeta	Reptage Compressor	Informative stven.			10-4-19	Compress replace	Ref. Rajdesh ji.	AB
11.	9	21-8-20			Amaze Scientific Instrument	Repair			21-8-20	Heading rod	Unsuccessful at not work	AB
12.	19	15-2-21		Beeta	Repairing of Compressor	Not work			20-2-21		not working	AB

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
CIVIL ENGINEERING DEPARTMENT**



LABORATORY NAME: CONCRETE LAB (4CE4-25)

MAINTENANCE REGISTER

**FACULTY INCHARGE: KISHAN LAL JAIN
TECHNICIAN INCHARGE: ANIL KUMAR SOMVANSHI**

S. NO.	STOCK REGISTER PAGE NO.	DATE OF REPORT	NAME OF EQUIPMENT	MAKE	DETAILS OF PROBLEM/ MAINTANCE REQUIRED	ACTION TAKEN BY LAB INCHARGE/T.A	SIGNATURE LAB I/C T.A	DATE OF REPAIR	DETAILS OF REPAIR	REMARK BY LAB I/C T.A
1	19	7/2/17	compressi on testing machine	BENT	CTM PISTON FAILURE	Reported To HOD ON 7/Eas/17	[Signature]	15/3/17	NEW Piston installed	DONE [Signature]
2	08	24/7/17	concrete Mixer	MSECO	EXTENSION OF POWER WIRE OF CONCRETE Mixer	Problem resolved by T.A	[Signature]	26/7/17	NEW WIRE	DONE [Signature]
3	19	31/8/17	compression testing machine	B.E.N.T	Top Up the Machine OIL	"	[Signature]	1/9/17	Top up oil	DONE [Signature]
4	25	4/10/18	vibrating Table	HI-TECH	Electric motor winding required	Reported to HOD on 4/10/18	[Signature]			
5	30	4/12/18	concrete Impersmentability testing machine	HI-TECH	Pressure tube Damage	Problem resolved by T.A	[Signature]	4/11/19	NEW PRESSURE Tube installed	DONE [Signature]
6	25	2/2/19	vibrating Table	HI-TECH	To repaired. Shift of motor (vibrating table)	Reported to H.O.D on 2/2/19	[Signature]	5/2/19	to repair by HANUMANT EGG. JAIPUR BILL NO 209 AMOUNT=280/-	DONE [Signature]
7	30	4/1/20	concrete Impersmentability testing m/c	HI-TECH	Pressure Rubber Ring Damage	Reported to H.O.D on 4/1/20	[Signature]			

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
CIVIL ENGINEERING DEPARTMENT**



LABORATORY NAME: BASIC CIVIL ENGINEERING LAB (1FY3-27)

MAINTENANCE REGISTER

**FACULTY INCHARGE: DEEPAK SHARMA
TECHNICIAN INCHARGE: HANSRAJ MEENA**

S. No.	Stock Register Page No	Date of Report	Name of Equipment	Make	Details of Problem / Maintenance Required	Action taken by Lab incharge/TA	Signature		Date of Repair	Remark by Lab Incharge	Signature	
							Lab Incharge	TA			Lab Incharge	TA
1.	34	Leveling Staff			Leveling staff broken back pin L46	Inform do Lab incharge			20/12/18	OK.		
2.	42	cross Staff			Repair cross Staff	"			09/12/2000			
03	47	Auto Level			Auto Level Repair	"			15/01/21			

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
CIVIL ENGINEERING DEPARTMENT**



LABORATORY NAME: SURVEY LAB (3CE4-21)

MAINTENANCE REGISTER

**FACULTY INCHARGE: VIKAS VYAS
TECHNICIAN INCHARGE: PRAHLAD KUMAR**

S.No	Stock Register Page no	Date of report	Name of equipment	Make	Details of Problem/Maintenance required	Action taken by lab Incharge/TA	Signature		Date of Repair	Details of Repair	Remark by Lab Incharge	Signature	
							Lab Incharge	TA				Lab Incharge	TA
1.	03	02/04/15	Versar Teavit Theodolite	National Expansion Rooster	Upper and lower plates fixed	Repair	MS 02/04/15		06/04/15	Upper and lower plate Repair.		MS 06/04/15	
2.	05	15/04/15	Auto level Tripod stand	Rooster survey house	Tripod leg broken	Repair	MS 15/04/15		21/04/15	Tripod leg Repair		MS 21/04/15	
3.	03	26/01/16	Theodolite	Rooster survey house	Theodolite Adjust-ment	Inform to lab incharge	MS 26/01/16		8/01/16	Theodolite Adjustment		MS 8/01/16	
4.	34	10/06/16	levelling staff	Sharm Namd & Sons (Rooster)	levelling staff broken	Inform to lab incharge	MS 10/06/16		22/08/16	levelling staff cha- rge lock pin		MS 22/08/16	
5.	03	16/11/17	Theodolite Tripod Stand	National Expansion Rooster	Tripod leg broken	Inform to lab incharge	MS 16/11/17		20/01/17	Tripod leg Repair		MS 20/01/17	

PN
HOD
28-11-2018

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
CIVIL ENGINEERING DEPARTMENT**



LABORATORY NAME: GEOLOGY LAB (3CE4-25)

MAINTENANCE REGISTER

**FACULTY INCHARGE: PANKAJ GUPTA
TECHNICIAN INCHARGE: LEENA TANDON**

S.No	Stock Register Page no	Date of report	Name of equipment	Make	Details of Problem/Maintenance required	Action taken by lab Incharge/TA	Signature		Date of Repair	Details of Repair	Remark by Lab Incharge	Signature	
							Lab Incharge	TA				Lab Incharge	TA
1.	07.	01.8.15	Brunton compass.	Glass	Alax p.	Ref.	In	Alax	22.8.15	Glass replaced. No. Sosh.	Dave Jy	In	Alax
2.	08.	17.2.16	Wooden road.	Wooden	Joint repair	repair.	In	R	24.1.16	Wooden frame repair. No. heema.	Dave Jy	In	R
3.	10.	20.12.18	lens.	lens.	lens repair.	Repair.	In	R	17.1.19	Lens repair	Dave Jy	In	R




Swami Keshvanand Institute of Technology,
Management and Gramothan, Jaipur

Computer Hardware
Maintenance Register

S.N.	DATE	RMAR Remark	LAB/Dep	NAME/Sign
3	24/01/2020	HP Computer H.D.D. 8.500GB and Windows Installation and Service Change New HDD 500 GB	Pharmacy Library	Arjunat meena Ar
	24/01/2020	Common Printer Service Guest problem OK	NETLAB Library	Pranav Saini Paini
	25/1/2020	Common LBP2900 Printer Teflon/Pressure Roller and Service printer OK.	Computer Lab-1 EE	Sham Salmer Sham
	27/1/2020	Two Computer HDD problem ok. Lenovo PC Think Centre	C1-12	Prasent
	28/01/2020	Mother Board Repair Change Boise cell and Board OK.	EC	Kiran Kiran 29/1/20
	28/01/2020	Printer Installation and Computer Service - ok	Exam cell	29/01/2020
	29/1/2020	Computer Boise Cell Change ok pc.	Accounts Rajkumar	
	5/1/2020	Colour Printer Service and ok printer	ME Ashish Nayak sir.	

SN	Date	Description	Category	By
	12/02/2020	Computer get Boise problem OK.	CP-2 1 year	B (Satyanna)
	12/02/2020	HP Computer syncs problem OK.	CP-2 1 year	B (Satyanna)
	12/02/2020	HP Computer RAM problem OK.	CP-2 1 year	B (Satyanna)
	12/02/2020	Canon Printer sensor problem OK and service printer OK.	Office Admin B (Satyanna)	Admin
	13/02/2020	Think Centre Computer Boise Mother Board problem OK.	Cl-12 Pousant.	
	14/02/2020	HP Computer Windows Antivirus Problem OK.	Exam Cell	HE 03-11/20
	14/04/2020	Printer Canon LBP 2900 Installed in Exam Cell	Exam Cell	HE 03-11/20
	14/02/2020	HP Laserjet 100 MFP printer Logic Card Cable Change OK. printer.	Sik mather SIR	Neelraj
	17/02/2020	Single battery Ups (Numeric) battery change and service UPS OK backup	EE	@khan
	18/02/2020	Head Segate check HDD Head Not working properly	EE	@khan
	18/02/2020	HP Laserjet 100 Printer services and check OK printer NO problem.	EC LAZ Singh	purj

N.	DATE	Remark	LAB/office/NAM
			Singh
1	19/02/2020	Lenovo pc is not working. HDD problem, Disply problem.	सिंह Singh Library
2	19/02/2020	Optiplex 780 Dell pc smys Not working. and Services PC	Frister English LAB-सिंह
	19/02/2020	Optiplex 780 Dell pc smys Networking and pc Services	Frister English English-सिंह
	19/02/2020	Optiplex 780 Dell pc is Not working power supply pc Services OK.	Frister English सिंह
	25/02/2020	Canon Printer LBP 2900 Services OK printer.	ECL 3 ECE सिंह
	3/03/2020	Canon Printer LBP 2900 NOT paper pickup problem OK Services	T.P.O 2752 सिंह
	4/03/2020	Canon Printer LBP 2900 printer Pressure Roller, Tephler Change OK. NO problem.	CS/IT Pankaj Dadih (3/03/2020)
	4/03/2020	Epson printer Pooresh Sir Accounts cell printer services OK printer	Pooresh Anand Accounts cell
	4/03/2020	Logitech Keyboard Repair OK keyboard	सिंह Dinesh Singh, (Seminar. Hall)

S.No.	DATE	Remark	Singh. LAB/office, NAM
7/03/2020	25/03/2020	HP Laserjet printer 1020 Service and Cartridge problem ok.	Mukesh ji Admin office
13/03/2020	-	Dell pc Not power on smps Not Repair, mB D Not Repair, HDD Dead Not Repair, RAM Not working NOT Repair pc (SKIT/EC/46)	ECE Dep ECL-02 DB (Dhurenda)
16/03/2020	-	Printer Laserjet 1020 paper pickup problem OK and Service	PHY Doopting DMM
7/07/2020		Windows Installation and New Computer Install	गणित - सिस्टम में
8/07/2020		Windows Installation New computer Install	गणित - विनिर्देश में
9/7/2020		Web Camera and Software Installation OK.	गणित - विनिर्देश में
10/07/2020		UPS problems check pc battery Recharge	Admin - सुनील सह
21/07/2020		UPS battery change S.L. Suman sir Admin Admin office -	Subhakar Singh SKIT
28/07/2020		3 KW wattage का UPS दिना OK करके पावर काय में विनोद जाके Saaydish ji के फोटो पर	

S.N.	Date	Complent, Remarks	LAB, OFFICE, NAM, Siny.
1.	23/07/2020	T.P.O Amer Sir Ram Configuration and Computer Check	T.P.O 3TH ETC
2.	28/07/2020	EC Department Swati Arora man of Canon LBP 2400 printer Tephlon/Pressure Roller Change / Repairing Service OK printer	Swati Arora Mam LAB Singh
3.	4/08/2020	B.S Sharma of LCD monitor Change LED Screen Sprout problem OK Replace LCD Hardware Stock	Bharmu/make JERT
4.	5/08/2020	B.S Sharma of printer 1020 HP Laserjet Not printing and setting problem OK	B.S Sharma Admin Office
5.	7/08/2020	EC Rukhsar mam Think Centre PC Mother Board Boise problem OK. and Service OK. PC Change Boise Battery.	EC RUKSAR mam
7.	5/09/2020	Laserjet HP printer 1020 Tephlon / Pressure Roller Change and OK printer	Mukesh Ji Bagada Mam
8.	7/09/2020	HP Laser printer 1020 Tephlon Canon LBP 2400 Tephlon/ Pressure Roller Change OK printer.	Ajay Civil Depat.

S.N	Date	Compliment Remark.	Dept. LAB, Office, NAM. Sing
1.	8/09/2020	HP Comue to Dub pc Disply problems (RAM) not working problem ok	Ravi Jangid EC
2.	16/09/2020	LBP 2900 printer Tephlon Change Pcessor Roller Change Paper Jam problem ok.	Sunil LDC ECE 05
4.	16/09/2020	LBP 3000 printer PAPER Jam problem OK. Change Tephlon OK. printer	Exam Cell
5.	16/09/2020	HP pc Disply problems RAM smpts problem ok. No, problem pc	Exam Cell
6	24/09/2020	LBP 2900 Canon printer power supply card Repair and ok printer working properly.	Accounts Cell
7.	24/09/2020	LBP 3000 printer paper jam problem pressure Roller change ok. printer.	Exam Cell Sunil
9	13.	LBP 2900 printer Paper Pickup Roller Repair ok. printer.	Harod Exam Cell
9.		LBP 2900 Canon printer Tephlon change and Repairer printer ok.	Exam Cell Sunil

S.N	Date	Complent	LAB	offic	Signature
1	3/11/2020	Lenovo J-3 EE (smps Repair pc ok and service, ok pc	EE LAB-6		@Man
2	3/11/2020	Lenovo Numeric Ups Dual Battery ups battery Repair ok ups / change battery	EC	रवि जागिस	
3	4/11/2020	Deal pc not display problem ok Ram / smps & sort problem ok ok pc	PHY Boor Singh	पुनिकर	
4	3/11/2020	Think Centre Lenovo pc Boise power problem ok. and mos battery Change ok pc	EE	Swati Sharma	Swati Sharma
5	7/11/2020	HP pc mother Board Repair NOT power ON, Repair and dust cleaning ok. pc	CL-5	CS monoj	
6	8/11/2020	HP pc mother Board Repair NOT power ON repair and pc smps Repair	CL-5	monoj	
	12/11/2020	HP pc mother Board Repair and Ram problem ok. Cleaning pc	CL-5		
7	20/11/2020	Think Centre smps Fan jam and Cleaning ok. pc	CM	si	CS

S.N.	Date:	Complent	LAB	Office	Signe
1	23/11/2020	HP pc mother Board Dead IC short and Repair ok pc	C.L-5		
2	23/11/2020	HP pc power Supply Not working RAM problem ok.	C.L-5		
3	3/12/2020	HP pc Boise problem power Swich probems			
4	4/12/2020	HP Laserjet printer Service ok printer.	C.L-5		
5	12/12/2020	Numeric ups battery change and Service OK ups	Civil	Putanna	
6	13/10/20	ups battery change ok. and power Swich Repair ok ups	Nehru puter	English man	DPDhan
7	3/02/21	UPS Numeric battery Change ok ups	Civil ASD	Sir	
8	8/02/21	Thin Centre pc smys Repair and ok power Supply ok pc pc service	MIBD		
9	8/02/21	ups battery Change and Service ups ok. Accounts ok	Accounts	Praghu	
10	8/02/21	ThinK Centre pc Service ok pc	Vipin Sir	CS	
11	8/02/21	S.K. Mathur Sir pc	S.K. Mathur	Sir	

S.N.	Date	Completed	IAB	Office	Name
1.	10/02/21	Think Centre pc Boice problem and CMOS battery Change ok. Windows problem ok. Smps properly working.	JC Bose Seminar Hall		Jharwal
2.	11/02/21	Think Centre pc Windows and Service pc ok. Normal problem ok.	I.B.M	2A10	Schewy
3.	15/02/21	Intex ups service and Battery Change ok ups properly Backup ok.	Interdix	300A	BPRant
4.	15/02/21	Intex ups service and battery Change ok ups	Interdix	300A	BPRant
5.	19/02/21	I ball ups Tow battery Change and services ok.	T.P.O	H E	/
6.	19/02/21	Numeric ups one battery (single battery) Change and services.	T.P.O	H E	/
7.	20/02/21	HP LCD Display Repair and Service and Display 2	Computer dabngs		Dal
8.	27/02/21	Printer Canon LBP29 50 Tephom / Passer Roller Change and Service	Civil		Airawat
9.	27/02/21	Ups battery Change and services	Civil		Airawat
10	-	Ups battery Change and ok. ups	Hostel Radeep Sir		

S.N.	Date	Complent	LAB	Office	Name
4/03/21	4/03/21	Cannon LBP2900 printer Paper Jam problem - and Change Tephlon, Pressure Roller Service	ME		
4/03/21	4/03/21	Hp Laserjet printer 1505 Paper Jam printer problem OK. and Service printer	Exam Cell		Rishi yad Sir.
	17/03/21	HP Laserjet 1020 printer. Service Chaire Change OK printer/	Office Chemistry	Dr. Sharda Soni	Par Soni 17/03/21
	20/03/21	Think Centre Computer power Supply Repraine and Service pc OK.	CS/ C1-12	Office	Rashant
25/03/21	25/03/21	Single battery ups battery Change OK UPS and Service			Rishi yad Sir.
5	3/03/21	Think Centre pc service and dusting ceiling and properly working OK PC			Administrative Staff
6	3/03/21	Dull battery ups Service and battery Change OK ups	EC	all	71
7	7/04/21	HP PC - J-3 RAM problem OK.	Net		Rishi yad Sir
8	7/04/21				

Reg. 1.3

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.**



ECL-01

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

Verified
Swati
5/4/21
(ECE)

Date	kit equipment	S/w & Physical Parts	Action taken	Checked by	Inform to Eng	Report by engineers	Remarks
11-1-21	J-Tube light problem	not on	Inform to shopman	DS			OK
8-3-21	D-link Switch problem	Internet problem	D-link change Inform to Yodanot Sis	DS			
12-3-21	System Window Problem	Window Update	Window 10 Update	DS			OK
25-3-21	Keyboard Loose	Space key not work	Repaired by Yodanot Sis	DS			

Reg. 2.3
SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.



ECL-02
MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



ECL-03

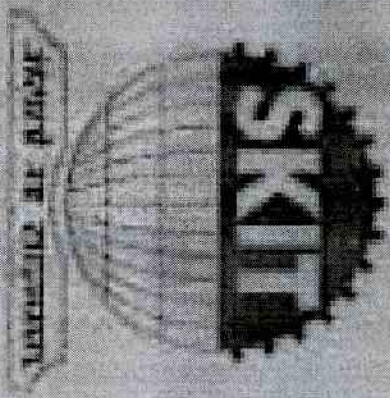
MAINTENANCE REGISTER

Sr No	Act/Item	Physical Problem	Action taken	Checked by
01	FF Board 4/11/16	SRK not working	check cable change SRK cable	Self
02	FF Board 21/4/16	Problem in SRK drive	check cable change lot	Self
03	DC motor speed 24/4/16	Cable not like ready for motor speed	check motor & Replaced DC motor	Self
	For as	Project Log	Maintenance	Projector
01	SAIPS (PC)	System not start	inform to lab Incharge	Self
2	SAIPS	SAIPS not working fan noise	inform to Lab Incharge	Service engineer
3	CPU cable	burn	inform to Lab Incharge	Self
4	SAIPS (PC)	System not start	inform to lab Incharge	Self
5	PC	Hard disk change	inform to lab Incharge	Self
6	PC (Laptop) (27/4/16)	hard disk change	inform to lab Incharge	Self
7	UPS	not Backup up	check battery	
8	PCs	system for update	update system	Self
9	Drill machine	Not working	check change cable	Self

Inform to service engg.	Repair by service engg.	Remarks
		OK 2/12
		OK 2/12
		OK
		OK 2/12
Yes, Inform to Penetration		OK 2/12
	change cable	OK 2/12
Yes & checked by service engineer	change cable cable	OK 2/12
Yes	SMD change	OK
		OK
		OK
		OK 2/12
		OK 2/12
		OK 2/12
		OK 2/12

Reg. 4.3

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.**



ECI.-04

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

Date	Kit/Component	Plotted Problem	Action Taken	Worked by user	Informative Error	Repeating Service	Signatures
7/2/19	8051 Microcontroller kit	EEPROM does not format	Replaced with new one but not working	Yes	N/A		
15/3/19	Debugging section	Vacuum problem not sufficient	Checked but not working	Yes	N/A		
15/3/19	Multimeter (Analog)	Relating switch	Checked not suitable	Yes	N/A		
17/4/19	Speaker Performance	Adaptor suggested	Checked by me at full speed	Yes			
15/10/20	Simulator slow entry	Battery level	Checked but not working properly	Yes			
5/11/20	PC	Simple problem of not saving window	Working properly	Yes	N/A		
4/1/21	PC updates	Software updates	Working properly	Yes	N/A		
15/2/21	off projects	old project - print out	Working properly	Yes	N/A		

Systems
 can't figure
 → Millars,
 checked at
 (COP system
 was wrong)
 - done

Done

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.**



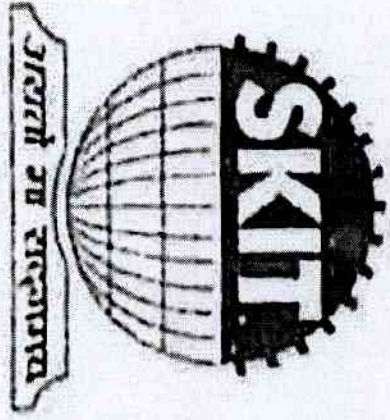
ECL-05

MAINTENANCE REGISTER

Department Of
Electronics & Communication Engineering

Date	Particulars	Physical/sw problem	Action taken	Remarks	Signi Sub
12-12-19	window not working	O/S corrupt in system	Install window of software	working	Signi Sub
9-01-2020	window of not working	O/S corrupt in the systems	Install window of software	working	Sub
26-6-2020	All system cleaning	-	-	-	Sub
27-10-2020	System not working	O/S corrupt in the systems	format the system and install the software	working	Sub
04-11-2020	window of not working	O/S corrupt in systems	Install window of software	working	Sub
20-02-2021	Two systems is not working	Power is not coming	Clean the CPU and check the RAM & Hard disk	Not working	Sub

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN. JAIPUR.**



ECL-06

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

S.No.	Date	Particulars	Physical/Software Problem	Action taken	Remark	Sign.
1	29.8.2018	System repairing	Physical/Software HFS network working	re installation (inform to Lab incharge) install anti virus.		Meenu
2	30.8.2018	Computer network working slow				Meenu
3	3.9.2018	Regarding System	power cable and Network issue	inform to Lab incharge Repair and sortout physical problem		Meenu
4	8.9.2018	Setup Systems.	problem in wiring	inform to: service engineer.	Repair wires	Meenu
5	15/10/19	One system checked by Ramavtar	Not working	Inform to Hardware eng. (Ramavtar)	Miss Botley Damage	Botley 15/10/19
6	9/12/19	Formatting Problem System not working	Formatting Problem	Inform to Hardware Eng. (Ramavtar)	-	Meenu
7	29-6-2020	All System Clean				Meenu
8	04-03-2021	One System is not	Power supply is	Inform to Hard		Meenu

Reg. 7.3

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.**



ECL-07

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

Sl. No.	Date	Name	Problem / Issue	Resolution / Action	STA	St. Eng. Sd. Eng.	Sign	Sign	Remark
91	12/09/19	Power Project Board	+5V supply downed	Proper work	-	-	Sumit	Sumit	Kit ok 14/10/19
92	10/10/19	2mm Pitch Gold wire	Connecting pin are broken.	connecting pin are broken.	-	-	Sumit	Sumit	Kit ok 15/10/19
93	22/10/19	Analog Digital trainer kit	Pulse wave not work proper	Pulse wave not work proper	-	-	Sumit	Sumit	Kit ok 23/10/19
94	12/11/19	Counter's & shift registers trainer kit	turn block of J-K flip flop are not working	turn block of J-K flip flop are not working	-	-	Sumit	Sumit	Kit ok
95	18/11/19	Flip flop, Counter, shift register kit Board / P-13	shift reg. not working	shift reg. not working	-	-	Sumit	Sumit	Kit ok
96	20/11/19	Ext. Board P-13	LED Driver not working	LED Driver not working	-	-	Sumit	Sumit	Kit ok
97	9/12/19	Power Project Board	supply does not proper	supply does not proper	-	-	Sumit	Sumit	Kit ok
98	16/01/20	MP kit	Hex key not work properly	Hex key not work properly	-	-	Sumit	Sumit	Kit ok
99	20/10/20	Power Project Board	Board board plate is damaged & burn	change board plate	-	-	Sumit	Sumit	Kit ok
100	24/11/20	Power Project Board	up-down flip switch is break	change switch	-	-	Sumit	Sumit	Kit ok
101	15/01/21	Power Project Board	o/p display LED is worst	change LED (3.5V x 5mm)	-	-	Sumit	Sumit	Kit ok
102	10/03/21	Power Project Board	Power Cable, main cord burn	change 3-pin Power Cable	-	-	Sumit	Sumit	Kit ok

Reg. 9.3

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.



ECL-09

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

Date	Equipment/Kit	Physical Problem	Action Taken by IA	Informed to STA	Informed to Lab Incharge	Informed to Service Eng.	Report by Service Eng.	Remark.
16/09	Function Generator	Not turning on (Power supply load & fuse led display)	change the power supply lead					OK
20/09	Exp kit Solar cell panel char trainer kit	ICs 7812 & 7805 fuse blown	change, SCR & VIT, fuse change					OK
30/09	Board Board with Power Supply	Not giving correct voltage	change regulated ICs					OK
12/10	Multimeter	Loos the connection & fuse part change the fuses and solder the connectors and solder the connector part	change the fuse	Yes	Yes			OK
01/10/20	Solar Panel kit	Ammeter not working		Yes				OK
21/10/20	Thermo Couple Kit & Application Trainer kit	Display for measuring voltage not showing 0.00V	change the ICs & STA	Yes				OK
26/10/20	Cleaning the System							OK
27/10/20	Multimeter	Not working	Battery change					OK
20/10/20	Stroboscope Torch	Disconnected the wire	Soldering the connector					OK
18/10/20	Ultrasonic distance meter	Battery Problem	change the 9V Battery					OK
27/10/20	Ammeter	Reading is not proper	check the wires and connections					OK

Reg. 10.3

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.**



ECL-10

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

Sr No	Kit / Equ.	Physical Problem	Action Taken By JTA	Checked By	Inform to Service Engg.	Report By Service Engg.	Remarks
27.	Slotted time switch	Properly not move	changed knob.	Self 17/11/18 22/11/18			OK
28.	Klystron I/S.	Beam voltage not rise	changed .15D-115	Self 22/11/18			OK
29.	LED CLAMP	Not receiving LED light	changed photo Tr.	Self 15/11/18			OK
30.	PC	Display Problems	Open CPU & tight connection & clean RAM	Self 4/12/18			OK
31.	CRO	Connect Missing	Open & Spray Cleaning Connects Rotary Switch	Self 15/11/18			OK
32.	Kly. Bench	problem in. Alling frequency meter	Alling freq. Meter	Self 17/11/18			OK
33.	Board Board.	output is not coming properly	tight the connection & Soldering	Self 17/11/18			OK
34.	patch cord.	Break the wire.	Soldering the wire.	Self 6/12/18			OK
35.	PC.		Cleaning the PC & RAM	Self 6/12/18			OK
36.	Klystron I/S.	Beam Voltage not rise	changed .15D-115	Self 6/12/18			OK
37.	VSWR meter	Display Hanging	Open & check PS	Self 6/12/18			OK

Reg.11.3
**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.**



ECL-11

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

Serial Number	Equipment/Life others	Physical Problem	Action Taken/Date month	Assignment to STA Lab/Stage	Informed Service Engineer	Report by Service Engineer	Remarks
01.04.21	Car wheel	Worn with deformation	Repaired This Month	Lab/Stage	-	-	None
03.04.21	Ratchet Cord	no problem	Repaired Lab/Stage	Lab/Stage	-	-	None
05.04.21	Transfer 12-11-21	one wheel deformation	Repaired Lab/Stage	Lab/Stage	-	-	None
05.04.21	Exp. for the lab	no problem	Report on Lab/Stage	Lab/Stage	-	-	None
15.04.21	Beam Project 2015 Camp	no problem	change This Month	Lab/Stage	-	-	None
17.04.21	Beam Project 2015 Camp	no problem	change This Month	Lab/Stage	-	-	None
12.04.21	Beam Project 2015 Camp	no problem	change This Month	Lab/Stage	-	-	None
15.04.21	Beam Project 2015 Camp	no problem	change This Month	Lab/Stage	-	-	None
01.04.21	Construction Project	no problem	change This Month	Lab/Stage	-	-	None
01.04.21	Construction Project	no problem	change This Month	Lab/Stage	-	-	None
01.04.21	Construction Project	no problem	change This Month	Lab/Stage	-	-	None

Reg. 12.3

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.



ECL-12

MAINTENANCE REGISTER

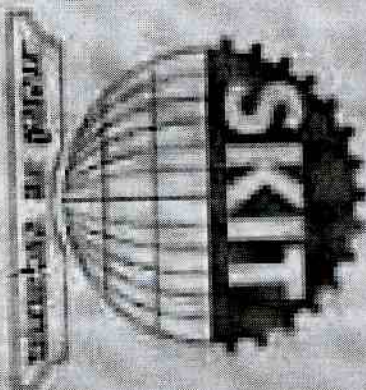
Department Of Electronics & Communication Engineering

of report
 of report
 of report

Sno	Date	Equipment & Kit Name	Physical Problem	Action taken	Information	Inform to Engg.	Report of Engg.	Remarks
9	24/10/2021	Bread board with Power supply	Power supply not work	check of type soldering on connector	-	-	-	OK
	6/10/2021	Computer	Supply not displaying	check all connectors & RAM	-	-	-	OK
	21/10/2021	Bread board with Power supply	Connector not work	check connection and re connect all wires properly	-	-	-	OK
	10/3/2021	Bread board with Power supply	Supply not work	check Power supply and connectors	-	-	-	OK

Reg. 15.3

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.**



ECL-15

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

S.N.	Equipment name.	Physical Problem	Action taken.	Inform to S.I.	Inform to Ser. Eng.	Report by Ser. Eng.	Remark
60	D.S.D.	Base Supply	spin to vacuum and to dry change the fuse 1A & correct the wire soldering.	5.1.11 Kishore Kumar	-	-	Partially Solved 11/1/2021
61	Multi-Meter	Calibration problem.					OK 11/1/2021
62	4mm Beam Wire Leads	damaged					OK 11/1/2021
63	Frequency Modulation & Demodulation Trainer kit	Audio out & Low pass filter section have problem (8038 & TLO74.)	Change IC 8038 & TLO74 (because of feedback part only ok)	-	-	-	Solved 11/1/2021 Partially
64	CRO - (cathode ray oscilloscope)	does not don't show correct wave form.	check power supply section (MV) & connect (transformer, IC block).	Yes	Yes the customer have problem of the feedback section. mother section it will be not work properly. presumed using of service sample	Sample 11/1/2021	Solved 11/1/2021
65	CRO Cathode ray oscilloscope	Y-Y axis does not show		Yes	-	There is problem in CRT X-Y plates. Replaced CRT in not available in market. Solved	Solved 11/1/2021
66	Multi Meter	Calibration problem	fuse change and connect wire	-	-	-	Solved 11/1/2021
67	4mm and 8mm wire leads	damaged	soldering	-	-	-	Solved 11/1/2021

Reg. 163

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.**



ECL-16

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

Date	Equipment/kit	Physical problem	Action taken	Information to	Reported by	Case
1/12/20	Lenovo system	RAM problem	repair	Self	-	Self
6/1/20	ACER (SPECT/EC/101)	Screen problem	repair	Self	-	Self
9/1/20	SPECT/EC/101	Software not working	updated	Self	-	Self
11/1/20	SPECT/EC/101	Software update	updated	Self	-	Self
12/1/20	Lenovo system	RAM problem	repair	Self	-	Self
8/1/21	ACER (SPECT/EC/101)	Software not working	update	Self	-	Self
9/1/21	ACER (SPECT/EC/101)	Screen not working	repair	Self	-	Self
9/2/21	Lenovo system	RAM problem	repair	Self	-	Self
10/2/21	DELL system	booting	repair	Self	-	Self
12/2/21	Lenovo system	Windows not working	format	Self	-	Self
1/2/21	ACER (SPECT/EC/101)	Software not working	format	Self	-	Self
3/2/21	ACER (SPECT/EC/101)	RAM problem	repair	Self	-	Self

Reg. 17.3

● SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.



ECL-17

MAINTENANCE REGISTER

Department Of Electronics & Communication Engineering

Date	Equipment	Physical Problem	Action Taken	Inform to ST/Incharge	Inform to service engineer	Remedy
1						
10 Jan	System	3 System not not working properly. Networking issues.	Repair work	Self repaired	-	Measy
11 Jan	System	1 System has hardware issue. Hard-disk not working. System 32 32 bit damaged.	Self Repair	-	-	Measy
12 Jan	1 System software	install windows 7 on 32 bit system.	Self Repair	inform to Ram Anwar Sir.	Repairable	Measy
4 Feb	Software installation	install Sai Lab in all systems.	software installed	-	-	Measy
6 Feb	Software	Application file missing	Re installed	-	-	Measy
2 March	WIN Lab	Turbo C++ software not working	Re installed	-	-	Measy
10 March	WIN Lab	Turbo C++ software not working	Re installed	-	-	Measy

File 18.3

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR.



भारती मा सद्गमसा

ECL-18

MAINTENANCE REGISTER

Department Of

Electronics & Communication Engineering

Date	Equipment	Physical Problem	Network	Information to	Informed to (Engineer)	Repair by	Remark
22/1/21	RAM (CPU)	RAM system	Repaired	Self	-	Repair by service engineer	Remark
5/2/21	Mouse	Physically Damaged	Informed to service engg	-	-	Not Repairable	RF
22/2/21	CPUs updat	electricity slot not working	Repaired	self	-	-	RF RF
29/1	Printer Networking	Printer Net working	ins tables Printer driver	self	-	-	RF RF
1/21	windows net	-	installed windows	self	-	-	RF RF
1/21	RAM Net	RAM Net fixed	Repair	self	-	-	RF RF
1/21	windows	-	Repair windows	self	-	-	RF RF
1/21	NET working	-	Repair windows	self	-	-	RF RF

SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY MANAGEMENT AND GRAMOTHAN
JAIPUR

DEPARTMENT OF ELECTRICAL ENGINEERING
BASIC ELECTRICAL ENGINEERING LAB

1FY3-26/ 2FY3-26



MAINTENANCE REGISTER

Date	Maintenance Work	Signature	Date	Remarks	Signature	Remarks
2/9/19	200R Rheostat is Not Working Conditions	[Signature]	15/10/19	Working	[Signature]	OK Field
04/9/19	Repair 13 old Patch Cards	[Signature]	5/11/19	checked	[Signature]	OK
09/9/19	Make 20 Patch Cards (New)	[Signature]	7/11/19	checked	[Signature]	OK
20/9/19	DC Armature supply box Not working due to fuse burn-out during the Experiment.	[Signature]	11/11/19	checked	[Signature]	OK
27/9/19	Change new fuse in Supply box	[Signature]				
12/10/19	DC field Supply Box Not working due to fuse burn-out during the Experiment	[Signature]	22/11/19	Working	[Signature]	checked
12/10/19	Change new fuse in DC field supply box	[Signature]	2/11/20	checked	[Signature]	checked
15/10/19	DC Armature Supply box Not working due to fuse burn-out during the Experiment	[Signature]				

VISHAL

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN
RAMNAGARIA (JAGATPURA) JAIPUR-17

DEPARTMENT OF ELECTRICAL ENGINEERING

ELECTRIC DRIVES AND CONTROL LAB

MAINTANANCE REGISTER

To pro
To p
and to

3/1/19
4/1/19

Make 10 new patch Cords
Repair 13 old patch Cords.

ok
ok
ok
18/02/19

To pre
a fram

5/1/19

display not working of
PEC16HV 2B PWM Controller

ok
ok
18/02/19

• 7
• 1
•

10/1/19

check all display to pcv
connections and found
some connections faulty
after that repair all
faulty connections. it's
working now

ok
ok
18/02/19

After

1. E
2. I
3. I

16/2/19

Auto -
transformer (3 ϕ) malfunction
- Cng short because Rt.
fell down the floor during
an accident in the lab

ok
24/02/19

27/4/19

Repair 12 old patch Cords

ok

27/4/19

Repair DB-9 female Connector
of hall sensor (DC Motor)

ok

7/2/20

Rewiring of dc machine

ok

7/2/20

change two terminals of
3- ϕ Auto T/F

ok

Gr

1. 8/2/20

check SCR module kit
and found Amplifier circuit
faulty. change two resistors
and two diodes

ok

12/02/20 Rotary arrangement of
3- ϕ Auto T/F change
and J panel terminals
change and Rotary shaft
band removed so 3- ϕ Auto
T/F working now.

Kul

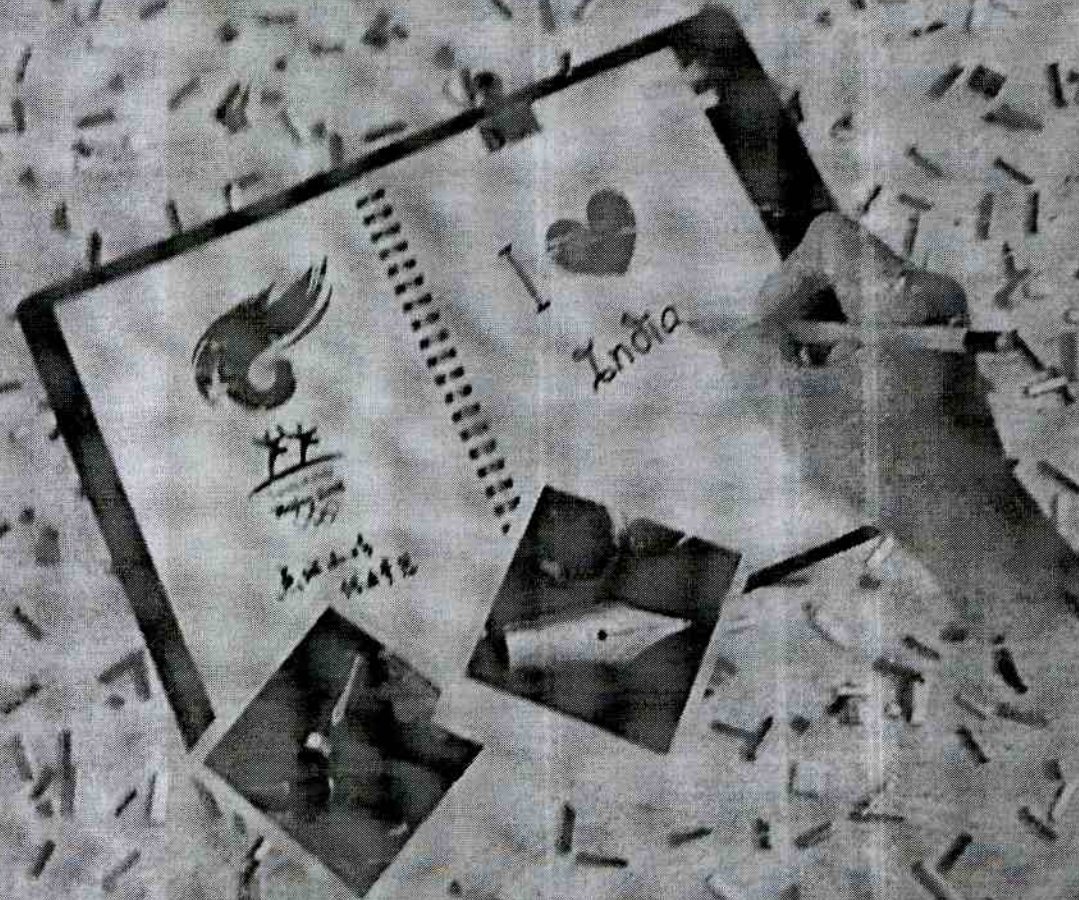
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and
verified

Ax 1

Head Electrical Engineering
Bhaskar Keshvanand Institute of Technology
Management & Gramochan, DAIPUR

12/02/20 *Line*

SANSAR[®]



LAB MAINTAINANCE RECORD

5F:EE-LAB 07

COMPUTER LAB-02

C3 Lab

Dr. Tara Nover

Date	Year 2018	Y/N/No	Remarks
23/09/18	Computers working	Yes	OK
23/09/18	24 PC system was formatted and all windows software checked	Yes	23/11/18
23/09/18	24 PC software repaired and installed to the systems	Yes	23/11/17
16/10/18	Malware was installed in the system	Yes	23/11/18
23/09/18	Microsoft Office is installed in the system	Yes	23/11/18
03/02/18	Malware 2018 is installed in the system	Yes	
12/05/18	Vacuum cleaning of all the system, check for any loose connection & chaffing. All deficiencies corrected.	Yes	
10/02/19	Change of mouse on PC 18 & PC 19.	Yes	OK

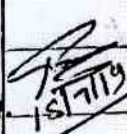





YEAR 2019-20

Date	Nature of Maintenance	PC No.	Remarks
14/10/19	All system checked, vacuum cleaned and functional check carried out.	All	OK
10/12/19	Temporary files removed from all systems and PC scanned.	All	OK
07/01/20	All system checked for their functional check and found all system working satisfactorily.	All	OK
08/02/20	All system vacuum cleaned, functionally checked and found all OK.	All	OK



SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY MANAGEMENT AND GRAMOTHAN
JAIPUR

**MAINTENANCE
REGISTER
(AE LAB)**

S.No.	Date	List of items/specification	Signature of TA	Signature of Head	Remarks
	15/7/19	Bread Board XL-137 in power supply not working.	 15/7/19		
	15/7/19	Bread Board XL 137 in supply terminal broken. So replaced and working.	 15/7/19		
	10/8/19	20 volt Voltmeter positive terminal not work.	 10/8/19		
	10/8/19	20 volt Voltmeter positive terminal repaired and working condition are.	 10/8/19		
	25/9/19	Bread Board XL-127 in power switch (ON/OFF) not working. Required maintenance.	 25/9/19		
	25/9/19	Bread Board XL-27 in power supply wire damaged. changed wire, and working. Condition are.	 25/9/19		

Head Electrical Engineering
 Sri Sri Keshava Institute of Technology
 Management & Information Systems
 2-7-2020

SANSAR[®]

Department of Electrical Engineering

6F:EE:LAB 10

Maintenance Register

		in Lab 5/11/20	King	Remarks	
1/10/2017	all PC are in working condition. all PC antivirus.	yes	Antivirus		01
9/07/2018	all PC are in working condition. all PC antivirus	Yes			01
17/01/20	No display problem solution	yes	<u>Janey</u>		01
10/01/2020	Win-10 Installation	yes	<u>Janey</u>		11
11/01/2020	all PC are in working condition	yes	<u>Janey</u>		18
15/01/2020	all PC are in working condition	yes	<u>Janey</u>		
28/01/2020	all PC are in working conditions	yes	<u>Janey</u>		
30/01/2020	LAN problem solution	yes	<u>Janey</u>		
08/02/2020	all PC are in working condition	yes	<u>Janey</u>		
12/02/2020	all PC are in working conditions	yes	<u>Janey</u>		

		includ/yes	ding	Remark
04/03/2020	Solve No display problem of 3 pc.	yes	<u>James</u>	
	All pc are working Condition.	yes	<u>James</u>	
07/03/2020	All pc are Working Condition.	yes	<u>James</u>	
04/06/2020	All pc are working Condition.	yes	<u>James</u>	
01/07/20	All pc are working Condition.	yes	<u>James</u>	
11/08/20	All pc are Clean and working Condition.	yes	<u>James</u>	
18/08/20	All pc are working Condition And new windows 10 Installation and Software.	yes	<u>James</u>	
15/09/20	All pc are working Condition.	yes	<u>James</u>	
19/10/20	All pc are working Condition.			

Date	PC working / med working	In lab Y/N	Sigs	Remarks
01/11/20	All PC are working Condition	Yes	<u>James</u>	
16/12/20	All PC are working	Yes	<u>James</u>	
15/2/21	All PC are working And monitor	Yes	<u>James</u>	
2				
22/3/21	All PC are working Condition	Yes	<u>James</u>	
13/4/21	All PC are working Condition	Yes	<u>James</u>	



SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY MANAGEMENT AND GRAMOTHAN
JAIPUR

Department of Electrical
Engineering

ELECTRICAL MACHINE LAB
(4EE10A)

LAB MAINTAINANCE
REGISTER

25/8/18

Run the Direct load of alternator for various loads & check all the parameters

3/9/18

Repair old Patch cords

10/9/18

Run ~~check~~ the No load & blocked rotor test & check all the parameters.

16/9/18

Repair patch cords

20/9/18

Run the parallel of ~~at~~ ~~constant~~ load test on 2-d of Induction Motor & check all parameters

Date	Type of work/maintenance	Remark
25/01/21	① 3-pin point starter change and all connections rectified/lightened. ② All panel connections Rectified/lightened.	Bashed
28/01/21	① 3-pinpoint starter repaired [replacement of magnetic coil] for Hopkinson's test panel. ② Cleaning of all panels with vacuum cleaner.	Bashed
29/01/21	① Slip Ring IM lubrication + rotor resistance starter repaired Note - "SR Motor is in working condition, (Now)" - "Magnetic coil of starter is not working". ② Lubrication / Carbon brush change / connection lightened & checked of 3- ϕ Auto-transformer (variac) ③ Lubrication of all m/c's.	Bashed
30/01/21	① Rheostats [Note - "Repairment Required Done"] (a) 200 Ω , 0.5 A (b) 200 Ω , 1.0 A (c) 150 Ω , 1.6 A [Note - "Repairment Required"] (a) 1500 Ω , 0.5 A ② Replacement of 9V Batteries in all multimeters.	

Date	Type of work/maintenance	Remarks
------	--------------------------	---------

	2- No. of multimeters were found to be working & 2-no. of Multi-meters are not-working.	Bashirah
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SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY MANAGEMENT AND GRAMOTHAN
JAIPUR

Department of Electrical
Engineering

Power Electronics /Advanced
Power Electronics Lab

MAINTENANCE
REGISTER

[Signature]
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 [Signature]
 [Signature]
 [Signature]

Head Electrical Engineering
 Smart Keshavnagar Institute of Technology
 Management & Information, JALPAIGURI

1. Zero Voltage Switching
2. Repairing DC-chopper kit
3. Repairing DC-circuit breaker
4. Repairing One-Tap Bulbless Chopper Kit (Control Card problem)

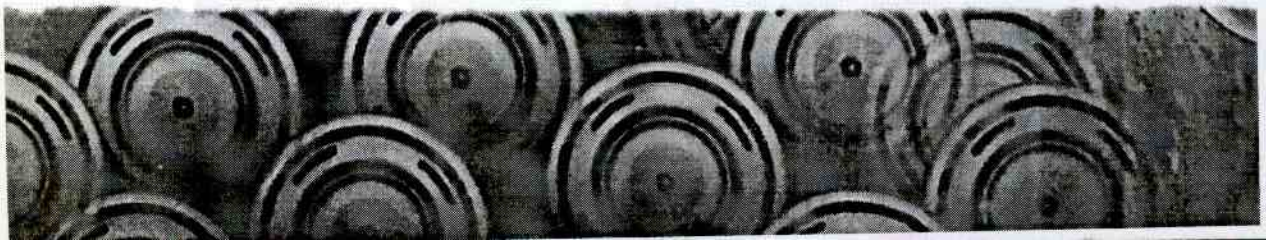
Sl. No.	Date	Topic	Signature
1.	8/8/2020	PE Lab Form to patch, Conductor mm Create	[Signature]
2.	9/11/2020	Characteristics of SCR 6512 kit in Pot 2 not working SCR kit 6512 in Pot 2 new replaced	[Signature]
3.	27/11/2020	TRAC (6510) Char. Kit in B Pot. not working TRAC 6510 Char. Kit in B Pot. Changed and working.	[Signature]
4.	8/2/2020	10 mA Ammeter (A) (A) in printer not working. 10 mA Ammeter in printer repaired & working. (2)	[Signature]
5.	10/2/2020	Single phase half wave Kit in on/off switch not working. Half wave kit in on/off switch changed & working.	[Signature]
6.	12/2/2020	DIAC kit in Pot B, not working.	[Signature]
	12/2/2020	DIAC kit in Pot A changed. A working.	[Signature]



Department of Electrical Engineering

Power System-II Lab

Maintenance Register



Date	PC working	In Lab yes/no	Remark
4/2/2020	PC No-15 display Problem then checked RAM PC OK	yes	
10/2/2020	PC No-15 formatted and Installation window -	yes	
26/10/2020	All PC - Dusting and] All OK
to 27/10/2020	Blowzing in lab	yes	
21/01/2021	PC No. 02 - formatted	yes	
18/01/21	PC No-03 - formatted and Installation window	yes	
22/02/21	PC - No-06 - formatted and Installation window	yes	
24/3/21	PC - No-05 matlab Problem then matlab 0/2	yes	
26/3/21	PC - No-13 matlab Problem then new matlab Installation	yes	
26/3/21	PC - No-03 display Problem then checked RAM PC-02	yes	

Date	PC working	In Lab yes/no	Remark
4/2/2020	PC No-15 display Problem then checked RAM PC OK	yes	
10/2/2020	PC No-15 formatted and Installation window -	yes	
26/10/2020	All PC - Dusting and] All ok
27/10/2020	Blauzing in lab	yes	
21/01/2021	PC No. 02 - formatted	yes	
18/01/21	PC No-03 - formatted and Installation window	yes	
22/02/21	PC - No - 06 - formatted and Installation window	yes	
26/3/21	PC - No - 05 matls matlab Problem then matls 0/2	yes	
26/3/21	PC - No - 13 matlab Problem then new matlab Installation	yes	
26/3/21	PC - No - 03 display Problem then checked RAM PC - 02	yes	

Date	PC working	In Lab Yes/No	Remark	Date	PC Working	In Lab Yes/No	Remark
22/10/19	6F LAB-10-66 - 2 days	YES		27/11/19	PC-No-21 to PC-No-26 Install Installation lab Software	YES	
23/10/19	all lab PC format formatted	YES		2/12/19	PC-No-01 HDD Problem Checked HDD and Installation New window-10 PC-01	YES	
4/11/19	PC No-01 to PC No-14 all PC formatted and Installation window-10	YES		10/12/19	OS PC Network Problem in Lab-10-66.	YES	
5/11/19	PC-No-15 to PC No-26 all PC formatted Installation window-10	YES		11/12/19	LAB-10-All PC change IP address	YES	
6/11/19	PC-No-01 to PC No-14 window update	YES		3/1/2020	All PC Installation multilab folder in lab	YES	
7/11/19	PC-No-15 to PC No-20 window update	YES		4/1/2020	Project lab 3 PC-display Problem	YES	
8/11/19	PC-No-21 to PC-26 window update	YES		6/1/2020	PC-No-23 display Problem turn on In Lab	YES	
25/11/19	PC-No-01 to 10, installation lab Software	YES		11/1/2020	PC-No-15 window Problem, PC format	YES	
26/11/19	PC No-01 to PC No-20 Installation lab Software	YES					

PK



SWAMI KESHVANAND INSTITUTE
Of Technology, Management & Gramothan
Ramnagar, Jaipur - 302025

Department of Electrical Engineering

Modernization of Power Electronics Laboratory

(Funded Under Modrob Scheme of AICTE)

Maintenance File

PHYSICAL REPAIR REPORT

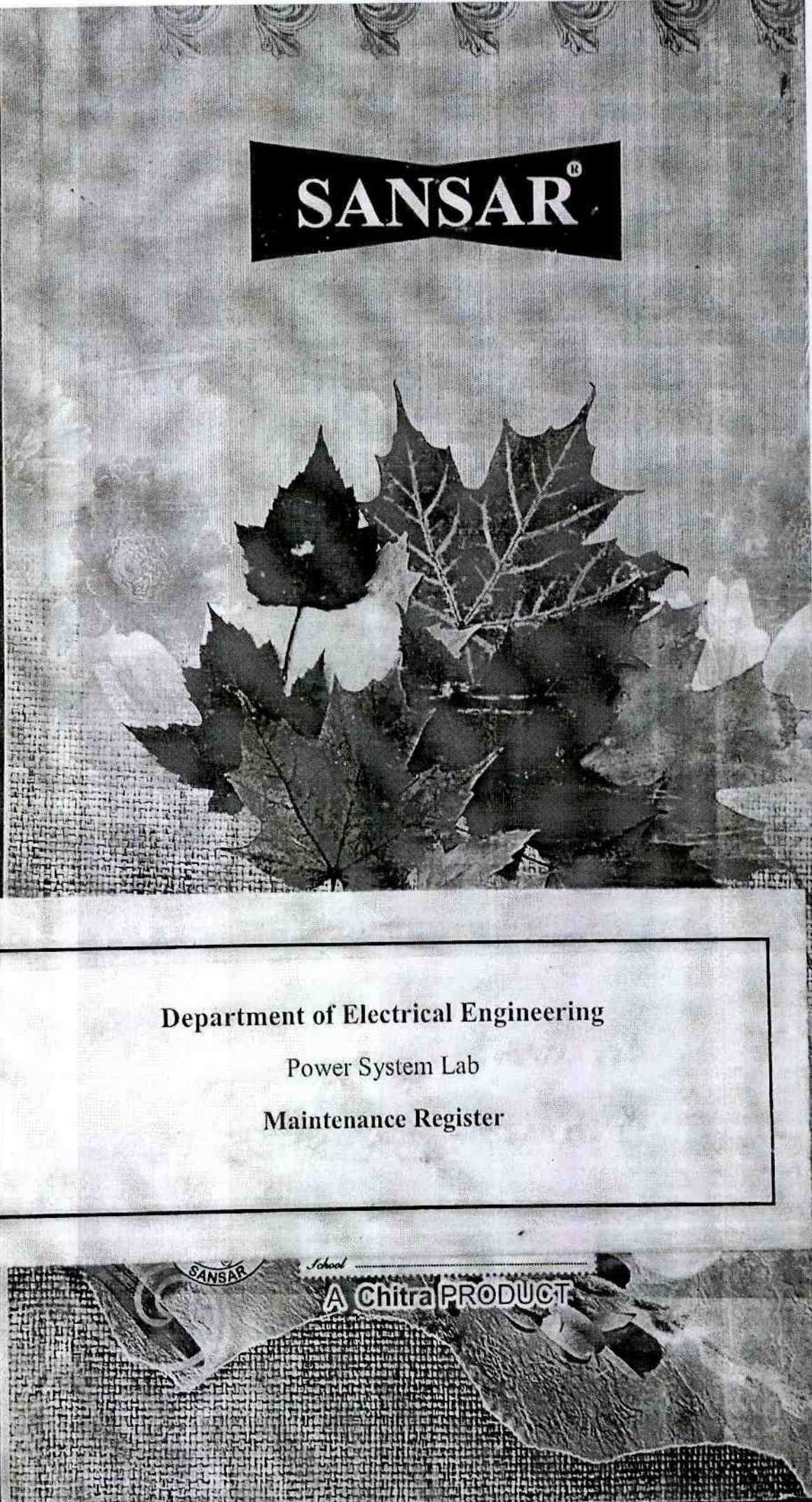
Lab No: 6F-EE-LAB8

Sr. No.	Maintenance Description	Call Date	Maintenance Performed Date	Remark	Verified By
1	IBM SERVER MOTHER BOARD Fault	5-1-15	6-1-15	Mother board replaced	[Signature]
2	HP SYSTEMS HDD DETECTING	9-2-15	12-2-15	HDD not detected	[Signature]
3	LENOVO SYSTEM NO 17 HDD NOT DETECTING	9-12-16	23-12-16	HDD not detected	[Signature]
4	ONLINE 10 kVA UPS FAULT	9-1-17	17-1-17	UPS replaced	[Signature]
5	Lenovo 1934 System Number 24020 HDD DEAD	11-2-17	23-2-17	HDD dead	[Signature]

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 Head Electrical Engineering



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Department of Electrical Engineering

Power System Lab

Maintenance Register

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School

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Session - (2016-17)

Date	work	T.A sign	Verified by Faculty	Remark
31/1/17	Repair 20 old patch cords.	Pam 09/02	P 09/02/17	
20/1/17	change the Relay wire of under frequency Relay Panel.	Pam 09/02	P 09/02/17	
28/2/17	change the Ammeter (10A/AE) of Percentage bias differential Relay Panel.	Pam 05/03	P 02/03/17	1 Ammeter is changed
4/3/17	change the lamp Holders of Differential Relay and buchholz Relay panels.	Pam 06/03	P 06/03/17	1 each (Total 2) holders changed
6/3/17	change the pencil cell of buchholz Relay.	Pam 07/03	P 07/03/17	2 No. 2 pencil cell have been changed
2/8/17	check the panel for percentage bias differential Relay and third differential Relay Faulty. Relay Model No. - 130190280124002. This Relay model not available in market.		P 8/8/17	

2/8/19

check panel for C.T. Test. and
~~found~~ find C.T.S not working.
These C.T. Model not available
in market.

~~Kul~~

~~Kul~~
3/8/19

2/8/19

check panel for Buchholz Relay
and find air compressor valve
~~not working~~ and Reset button
both not working condition.

~~Kul~~

~~Kul~~
3/8/19

6/01/20

Repair 25 old patch cords

~~Boj~~

~~Gansa~~
6/1/20

1. Temperature measurement tutor using kit.

Almirah



SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY MANAGEMENT AND GRAMOTHAN
JAIPUR

Department of Electrical
Engineering

**MAINTENANCE
REGISTER**

S. No.	Sr. No.	Date	Particulars	Make (Manufacturer)	From date	To date	Maintainance/Repairs (K)	Requirement of any	Remark
4	19/09/16	Power Project board	Scientech	19/09/16	27/09/16	Condition: Working Internally ckt is checked. Each component is checked. Soldering was done.			Working
5	20/09/16	Power Project board	Scientech	20/09/16	29/09/16	Condition: not working Power Project board internal ckt is checked and IC was also replaced.	IC-7805 Voltage regulator		Working
6	7/01/17	Patch chord	-	7/01/17	28/02/17	Condition: 25 patch chords damaged. Action: 26 patch chords are repaired. Condition: Not working. Soldering is required.	40 Banana plugs.		Working
-	23/02/17	Head phone	-	23/02/17	26/02/17	Action: Soldering is done & insulation is provided.	1 Tape Roll & 1 Banana plug.		Working

FF/19/17

Sl. No.	Date	Particulars	make / (manufacture) from date	Maintenance / Repair Details	Requirements of any	Remarks
7	26/4/18	Patch chords are broken	26/4/18	patch chords repaired by soldering	banana plug solder wire	Working
8	2/01/20	Patch chords broken in Lab	2/01/20	patch chords repaired by soldering	solder wire banana plug	

Head Electrical Engineering
 K. J. Somaiya Institute of Technology & Sciences
 Vasna, Mumbai - 401 306


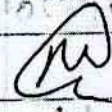
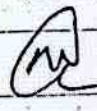

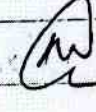
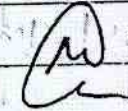


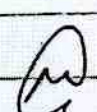
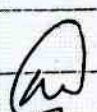
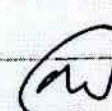
Name of Lab: Project Lab -7F: EE-LAB-16

Branch: Electrical

Subject: Project Lab (Maintenance Register)

Year: 2015, 2016, 2017, 2018, 2019, 2020

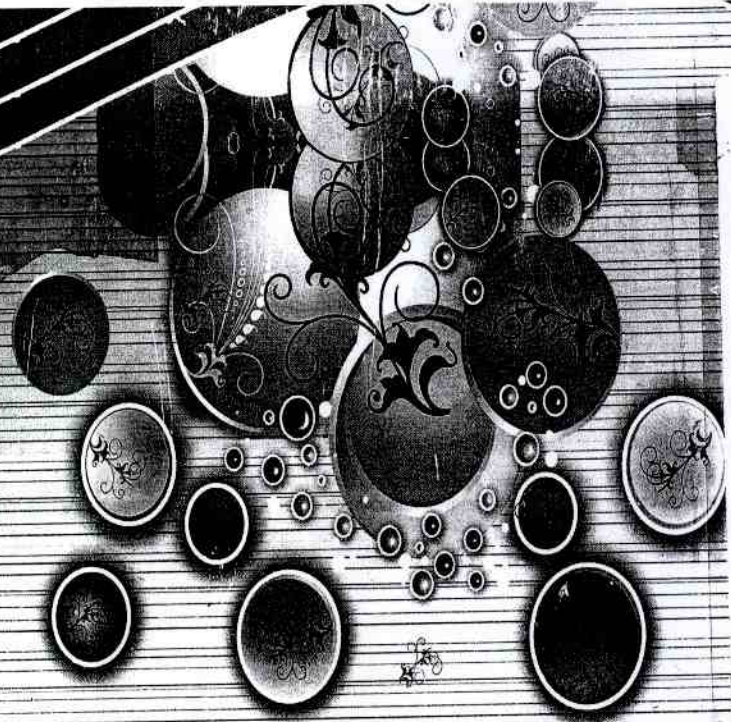
SESSION - 2019-20

S. S.No.	Maintenance	Date	Sign of Lab Incharge/TA	Sign of HOD	Remarks
1.	CPO - Repair.	11/07/19			
2.	PC-formatting.	25/07/19			
3.	Soldering Iron	2/08/19			
4.	function generator Repair.	22/08/19			
5.	Project - Use of Broken solar Cells for Electricity Repair	12/9/19			
6.	0-30V, 3A, Power supply Repair.	9/10/19			
7.	Project - Footstep Electricity Repair.	28/10/19			
8.	Project - Fan speed Based Circuit Breaker Repair	11/11/19			
9.	digital multimeter Repair	26/11/19			
11.	glue gun - Repair.	12/12/19			
12.	Battery charger Repair	20/12/19			

S.No.	Maintenance	Date	Sign of Lab Incharge/TA	Sign of MOD	Remarks
13.	12 v. Battery charging.	4/1/20			
14.	old project. Repair.	10/1/20			
15.	Soldering Iron Repair	17/1/20			
16.	Project - GPS Based Smart dustbin.	4/02/20			
17.	Project Wi-Fi Based Smart Lock System Repair.	12/02/20			
18.	Project - Robo Vacuum Cleaner Repair.	14/02/20			
19.	Soldering Iron Bit - Solder Repair.	17/02/20			

The logo for SANSAR, featuring the word "SANSAR" in a bold, sans-serif font with a registered trademark symbol (®) to its upper right. The text is white and set against a black rectangular background.

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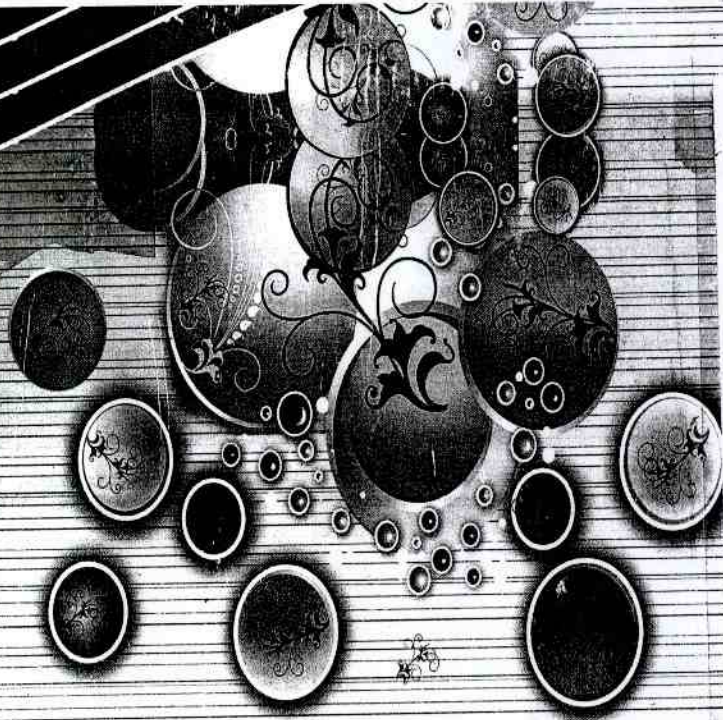
MAINTENANCE REGISTER OF ME Lab

- 1. HEAT TRANSFER LAB
- 2. MECHATRONICS LAB
- 3. REFRIGERATION & AIRCONDITIONING LAB

Date	Instrument		Maintenance work	Signature	Signature
3/19	CRO	check, trial for Suggestion by Verma ji (for EC dept)	Maintenance work	Mr. [Signature]	Mr. [Signature]
3/19	Speed measurement	checked and suggestion by Verma ji	of maintenance of speed measurement	Mr. [Signature]	Mr. [Signature]
07/19	Strain Measurement	Calibration of span	(in house)	Mr. [Signature]	Mr. [Signature]
07/19	LVDI	Micro meter null point	setting in house	Mr. [Signature]	Mr. [Signature]
09/19	Mobile Robot	Assembly in house		Mr. [Signature]	Mr. [Signature]
09/19	Mobile Robot	change of motor driver	driver due to burning in house	Mr. [Signature]	Mr. [Signature]
10/19	Temperature Measurement	calibration of thermometer	couple wise in house	Mr. [Signature]	Mr. [Signature]
07/20	Mobile Robot	Battery voltage testing	and charging in house	Mr. [Signature]	Mr. [Signature]
7/20	Multimeter	Replacement of battery	due to low power	Mr. [Signature]	Mr. [Signature]
8/20	Ardu Uno	Correction, fault diagnosis Motor driver replacement	in program uploading on Arduino	Mr. [Signature]	Mr. [Signature]
9/20	Strain Measurement	Calibration of strain	measurement apparatus	Mr. [Signature]	Mr. [Signature]
9/20	Mobile Robot	Problem in to and fro	movement, Correction.	Mr. [Signature]	Mr. [Signature]
11/20	Mobile Robot	Trouble shooting of mobile	Robot and Motor driver change	Mr. [Signature]	Mr. [Signature]

* Cleaning of Apparatus in every 15 days.

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MAINTENANCE REGISTER OF *ME Lab*

1. HEAT TRANSFER LAB
2. MECHATRONICS LAB
3. REFRIGERATION & AIRCONDITIONING LAB

DATE	Name of Machine	Maintenance work	Signature	Signature Faculty
20/8/13	Evaporative cooler	Pump Seal Changed due to leakage	TA	ASR
15/12/13	"	"	ASR	ASR
10/12/14	on Refrigeration test rig	Coast off by 4 maintenance works	ASR	ASR
30/3/15	frize	Compressor change +	ASR	ASR
10/12/16	All MIC cleaning &	cleaning & suit	ASR	ASR
15/11/17	Heat pump test rig	water leakage	ASR	ASR
20/1/18	Heat pump "	pressure valve	ASR	ASR
20/7/18	Refrigeration test rig	water tank	ASR	ASR
4/7/19	All MIC prepair to semester lab		ASR	ASR
10/8/19	Heat pump test rig	water leaky of	ASR	ASR
15/11/19	Refrigeration test rig & Heat pump test rig	To be base of mic. Colours doing	ASR	ASR
	March 20 to Jun 20	lock down		
10/7/20	Prepair to the MIC for online lab		ASR	ASR
20/8/20	Heat pump test rig	Tulla pump change	ASR	ASR
20/12/20	All prepair for university practical works for VII Sem	from mic and fit submersible pump	ASR	ASR
*	Cleaning of Machines	after 15 days		

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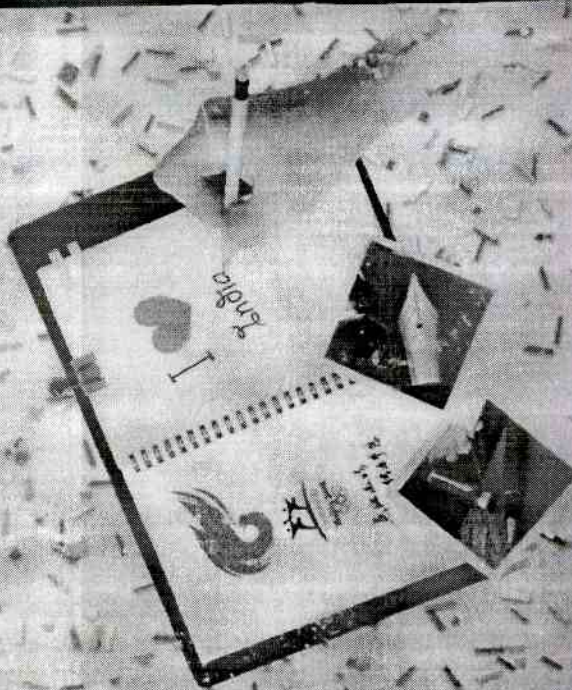
Maintenance Register

Computer Lab.

Department of Mechanical Engineering

S.No.	I.Tem	problems	Date called	Date Service	Service Provider	Service performed.	Location/ Faculty	Sign.
143	BIOS	BIOS set	4/8/2020	4/8/2020	Pushpendra	BIOS set changed.	Deepak Kumar	PK
144	PC	PC setup	12/8/2020	13/8/2020	Roop Singh	PC changed.	Sandeep Khastha	PK
145	BIOS	BIOS set	25/8/2020	25/8/2020	Pushpendra	BIOS set changed.	Vikas Bhatnagar	PK
146	UPS	UPS board.	06/10/2020	05/11/2020	Sunshine infra Energy Pvt.Ltd.	UPS board Replaced	Mos lab.	PK
147	CPU	Fan problem	05/11/2020	05/11/2020	Roop Singh	Fan changed	Monoj Kumar	PK
148	CPU	CPU Not working	10/11/2020	11/12/2020	Pushpendra	S.M.P.S changed	Sandeep Khastha	PK
149	CPU	Not working	4/1/2021	4/1/2021	Roop Singh	PC changed	faculty PC (MOS Lab)	PK
150	CPU	Speed slow	12/1/2021	13/1/2021	Roop Singh	Window format	Chandan Kumar	PK
151	CPU	Window upgrade	20/1/2021	20/1/2021	Roop Singh	Window installed	CAP Lab-II	PK
152	CPU	Window upgrade	20/1/2021	20/1/2021	Roop Singh	Window installed	CAP Lab-II	PK
153	UPS	Backup problem	2/2/2021	15/2/2021	Pushpendra	Battery changed	Amesh Sharma	PK
154	CPU	Window problem	20/3/2021	20/3/2021	Roop Singh	Window installed	ME-102	PK
155	Printer	Paper jam	20/3/2021	23/3/2021	Ramavtar Kumar	Printer serviced	Akshit Agarwal	PK
156	CPU	BIOS cell	27/3/2021	27/3/2021	Pushpendra	BIOS cell changed	Pushpendra Singh	PK
157	CPU	PC slow	2/4/2021	2/4/2021	Pushpendra	Hard disk changed & window installed	Akshit Agarwal	PK











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MAINTENANCE REGISTER OF *ME Lab*

1. KINEMATICS OF MACHINES LAB
2. DYNAMICS OF MACHINES LAB

①

S.NO	NAME OF MACHINE	M. DONE ON DATE	MAINTENANCE WORK TO BE CARRIED OUT	TECH SIGN	FACULTY SIGN
1.	Various Cam & Followers Arrangement	28-01-2014	Tightening & Lubrication of all Arrangement		
2.	Various model of dynamometer, clutches & brakes	28-01-2014	Tightening of all equipment		
3.	C. Mechanical treadmill	11-3-2014	Screws changed of rollers		
4.	Ca-efficient of friction apparatus	20-3-2014	change the position of pulley in Apparatus		
5.	Various types of clutches	08-04-2014	Tightening of all clutches		

(4)

SNo.	Name of machine	M. done on date	maintenace work to be Carried out	Tech. Sigh	Facet Faculty
18	Quick Return apparatus	06/01/2020	Fix problem of Angular and linear scale	done	Study 06/01/2020
19	Coefficient of friction Apparatus	17/01/2020	Slider thread changed	done	Study 17/01/2020
20	Cam and follower (Q vs displ)	07/02/2020	Lubrication and caps setting	done	Study 07/02/2020
21	Quick Return apparatus	8/01/2021	Fix problem of Angular and linear scale	done	Study 8/01/2021
22	Coefficient of friction Apparatus	18/01/2021	Slider thread changed	done	Study 18/01/21
23	Cam and follower (Q vs disp)	10/02/2021	Lubrication and Cam setting	done	Study 10/02/21
24					

S.NO	NAME OF MACHINE	M. DONE ON DATE	MAINTENANCE WORK TO BE CARRIED OUT	TECH SIGN	FACULTY SIGN
1.	Governor	15/10/13	Nut Replaced as necessary	<i>[Signature]</i>	<i>[Signature]</i> 15/10/13
2.	Static & Dynamic balancing	18/10/13	Belt Replaced	<i>[Signature]</i>	<i>[Signature]</i> 18/10/13
3.	Cut Section Model of Gear box	21/10/13	Lubrication	<i>[Signature]</i>	<i>[Signature]</i> 21/10/13
4.	Journal Bearing Apparatus	28/11/13	cleaning	<i>[Signature]</i>	<i>[Signature]</i> 28/11/13
5.	Cleaning and oiling Constant-Mesh Gear box	14/8/14	Cleaning and oiling	<i>[Signature]</i>	<i>[Signature]</i> 14/8/14
6.	Tsiffler Apparatus	21/8/14	Rope break down, & change rope and again balancing	<i>[Signature]</i>	<i>[Signature]</i> 21/8/14
7.	Journal Bearing Apparatus	5/9/14	Oil change and cleaning	<i>[Signature]</i>	<i>[Signature]</i> 5/9/14

(24)

S.No. Name of Machine

Maintenance Date

29 Static & dynamic balancing

24/02/2020

Maintenance work to be carried out
Replace belt of balancing apparatus

Tech Sign

Faculty Sign

~~Sandy~~

30 Differential/Planetary gear train

04/03/2020

Lubricating the apparatus

~~Sandy~~

~~Sandy~~

31. Journal Bearing

15/01/2021

oil cleaning & reduce air bubble level
oil repair to tube

~~Sandy~~

~~Sandy~~

32. Universal governor

15/02/2021

oil cleaning and screw changed

~~Sandy~~

~~Sandy~~

33. gyroscope

23/02/2021

Tightening of bolts and nuts of upper and lower apparatus

~~Sandy~~

~~Sandy~~

34 static and dynamic Balancing

10/03/2021

Replace churning the belt from pulley due to slippage causing the rope

~~Sandy~~

~~Sandy~~

35 Differential/planetary gear train

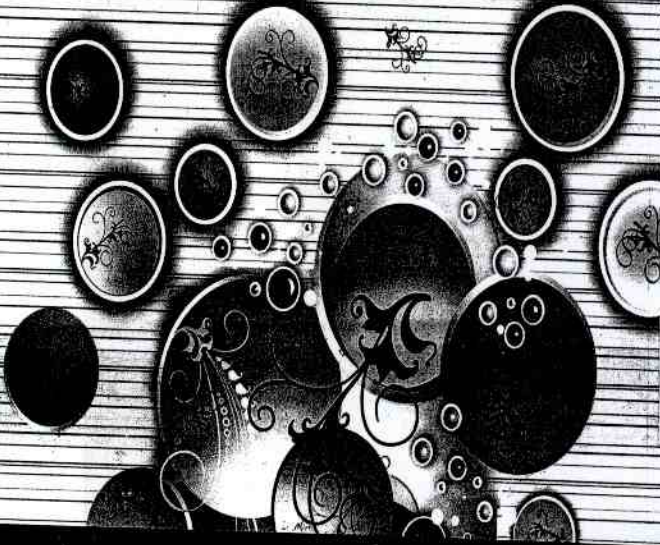
22/03/2021

Lubricating the apparatus

~~Sandy~~

~~Sandy~~

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MAINTENANCE REGISTER OF ME Lab

- ✓ 1. TURBO MACHINARY LAB
- 2. AUTOMOBILE ENGINEERING LAB
- 3. INTERNAL COMBUSTION ENGINES LAB
- 4. BASIC MECHANICAL ENGINEERING LAB

244

240

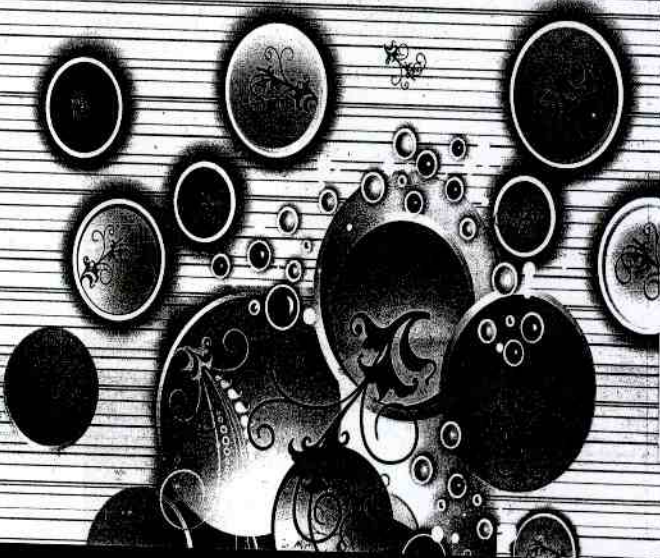
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S/no	Date	machine & parts	Problem	maintenance	Date of Completion	maintenance By	Signature
11	20-3-18	Axial flow ^{three stage} compressor test fix	U-tube broken	check & repair the U-tube manometer	22/3/18	Dinesh Lal Gupta	<i>[Signature]</i>
12	22-7-18	Kaplan Turbine Test Rig	Colour	Suction pipe & Discharge pipe Colour	23/9/18	Dinesh Lal Gupta	<i>[Signature]</i>
13	22-11-18	All three turbine	belt tension	AT Rope brake dynamometer Rope Tension check & repair for Lab	23/11/18	D.L. Gupta	<i>[Signature]</i>
14	15-7-19	ALL F.M Lab m/c	check & repair		15-7-19	D.L. Gupta	<i>[Signature]</i>
15	10-9-19	Turbine	Foundation check in the pipe from	water leakage repair Comp supply joint	10-9-19	D.L. Gupta	<i>[Signature]</i>
16	05-3-20	All m/c check	nut bolt tight		15-3-20	D.L. Gupta	<i>[Signature]</i> Lock Down by Karan Virdi
17	20 march	to					
18	20-7-20	F.M Lab	m/c repair for	on lone practical	21-7-20	D.L. Gupta	<i>[Signature]</i>
19	25/9/20	Pelton wheel turbine	water leakage	from flange nut bolt tight	25-9-20	D.L. Gupta	<i>[Signature]</i>
20	15/2/21	oil & greasing	head test in Francis university practical	C-trivibone repair for VA Sam	15-2-21	D.L. Gupta	<i>[Signature]</i>
21	10/3/21	oil & greasing	Pelton wheel turbine	Prepair for practical use	10-3-21	D.L. Gupta	<i>[Signature]</i>
Note:- in All m/c Every 15 days oiling				cleaning, nut bolt check & greasing		D.L. Gupta	<i>[Signature]</i>

VISHAL



MAINTENANCE REGISTER OF ME Lab

1. TURBO MACHINERY LAB
- ✓ 2. AUTOMOBILE ENGINEERING LAB
3. INTERNAL COMBUSTION ENGINES LAB
4. BASIC MECHANICAL ENGINEERING LAB

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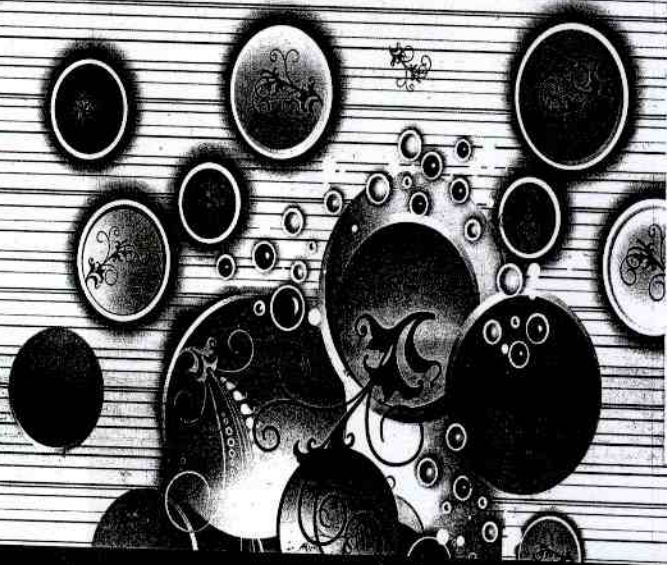
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DATE
Sign

S.No.	NAME OF MACHINE	Maintenance work : - carried out on date	PM Done on date
1	Valve Refexcer	1 Grinding wheel broken of one side checked & Replace to it	2-5-13 2-5-13
2	MPFI	2. Fuse wire checked & Replace 7pc	15-4-14
3	Braking system Maintenance	The braking system is one of the main safety elements and so its various components, Brake disc and brake pads, drum brake shoes check and prime cylinder, wheel cylinders maintenance by Mr. Arjun prasad (I-A)	15-3-18
4	MPFI	Fuel pump not working, Carbon Contaminator broken.	14/6/18
5	All m/c & Apparatus cleaning & oiling	spraying not developed	
6	MPFI Complete & Running	by	
Note:-	All m/c & Component Every 15 day	cleaning & oiling	

VISHAL



MAINTENANCE REGISTER OF ME Lab

1. TURBO MACHINARY LAB
2. AUTOMOBILE ENGINEERING LAB
3. INTERNAL COMBUSTION ENGINES LAB
4. BASIC MECHANICAL ENGINEERING LAB

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Page with out Cover 240
Maximum Retail Price
(Inclusive of all Taxes) 52.00



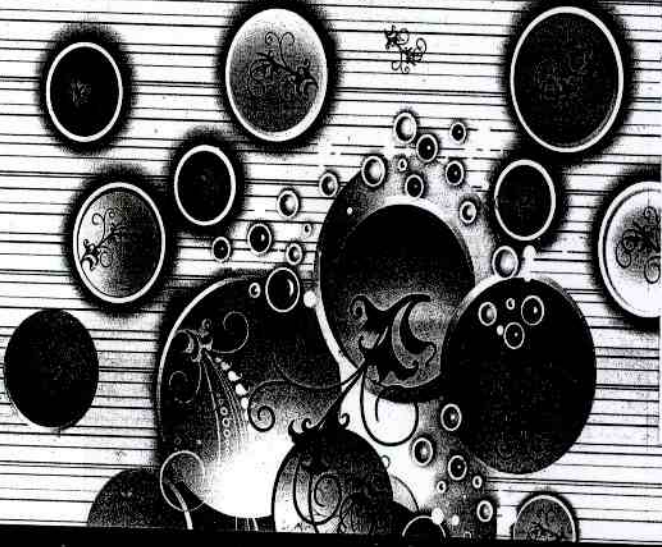
S.No	Date	Machine & Parts	Problem	Maintenance	Maintenance By	Date of completion	Sig of
18	upto 10-1-2019	Three engine V.C.R Diesel engine	installed (base cracked)	Foundation & installed nut bolt tight	Mishra D.L. Gupta D.L. Gupta	upto 10-1-2019	[Signature]
19	25-2-15	Three engine ① V.C.R Diesel engine ② V.C.R Petrol engine	Completed	Base Head Replace on V.C.R diesel engine & All engine check & running	By Company from Bangalore	upto 3-3-19	[Signature]
20	6/7/19	V.C.R Diesel engine & 1 Cylinder 4 stroke Diesel engine	oil Rust of Nut	2.4 → 2.1 liter Lubricant oil Replace	Dinash Lal Gupta	6-7-19	[Signature]
21	3/9/19	Bomb calorimeter	airing broken	check & replace the two pin, electrostat	Dinash Lal Gupta	4-9-19	[Signature]
22	10/10/19	V.C.R Diesel engine	check & form Prepair for M.Tech	dotation nut bolt tight student	"	10-10-19	[Signature]
23	20/2/20	All mic cleaning	oil & nut Battery charging	bolt checked	"	20/2/20	[Signature]
24	5/3/20	down by coronarius			"	5/3/20	[Signature]
25	10/7/20	All mic cleaning	oil & nut & checked		"	10/7/20	[Signature]
26	20/8/20	V.C.R diesel engine	check & fit on nut & E.C.R for	gas Analyzer, smok M.Tech student	"	20/8/20	[Signature]
27	15/10/20	Petrol engine	oil by the engine water leakage check basin	& Repair from Potometer	"		[Signature]
28	20/10/20	All mic cleaning	oil		D.L. Gupta		[Signature]

P. T.O.

379

S.No	Date	Machine & Parts	Problem	Maintenance	by	Date of Completion	Signature of Lab In-charge
29	20/12/21	1 of cylinder diesel Engine four stroke	foundation bolt loose & dynamometer oiling & cleaning	foundation bolt tight & chain greasing of dynamometer, oiling & cleaning	D.L. Gupta	28/1/21	[Signature]
30	3/2/21	four stroke, four cylinder petrol engine	water leakage	foundation bolt tight, water leakage repair, & repair for practical work of D.C.M	D.L. Gupta	3/2/21	[Signature]

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MAINTENANCE REGISTER OF *ME Lab*

1. TURBO MACHINARY LAB
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M. donondato

Machine Name

22 Automobile parts
 Car
 Power steering
 Water cooling
 Lubricating system

10/09/2020

23 Sewing Machine
 (i) Bed shaft
 (ii) Dog, teeth
 (iii) Cam follower
 (iv) ~~oil~~ oil wheel
 (v) Bobbin and Hook

21/09/2020

24 All BME Apparatus
 (i) Boiler
 (ii) Engine
 (iii) Cut section motor
 (iv) A.C. / Steering
 (v) water cooling
 (vi) Bicycle

23/11/2020

25 All BME Apparatus
 (1) MPFI
 (2) Carburetor

27/09/2021

Maintenance work to be covered

Clean, properly check
 washing, oil fill, clean
 working condition check out
 Clean, Reming condition

General
 (1) General Cleaning Attention
 (2) Areas Needing Attention
 (3) Bobbin and hook Area
 (4) face plate area
 (5) Oiling and lubricating the machine
 (6) Adjusting the m/c
 needles, feed dog, presser foot
 Thread tension

(i) Clean
 (ii) oiling
 (iii) Clean, Arrangement proper
 (iv) Filter clean, Oil, changing
 (v) washing condng chamber
 (vi) Bicycle, tyer, Clean shifting
 Breaks

(1) Clean
 (2) filter, clean

Tech Eng

~~Ar~~ 10/09/20
 M. Billi

~~Ar~~ 21/09/20
 M. Billi

~~Ar~~ 23/11/20
 M. Billi

~~Ar~~ 27/09/2021
 M. Billi

VISUAL



MAINTENANCE REGISTER OF *ME Lab*

- ✓ 1. COMPUTER AIDED MACHINING LAB
2. MATERIAL SCIENCE AND TESTING

Page with Cover 124

Page with out Cover 120

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Signature of Examiner

S. No.	Date	M/C or parts	Problem	Maintenance	by	Date	Sign of Lab incharge
15	12-03-2019	Front glass of C.N.C table	Removed with beading	check with the	D.L. Gupta + Hemant Kumar	26-3-2019	(Signature)
16	12-03-2019	m/c cleaning & oiling	Turning tool broken on CMC lathe	Removed & other tool fitting complad.	D.L. Gupta (Sr. T.A)	26-4-19	Mr. Sumil Sr
17	28/12/19	on CMC milling m/c	mill cutter broken	Removed & change the HSS tool	D.L. Gupta (Sr. T.A)	2/1/20	(Signature)
18	18/8/20	on CMC ultrasonic Drilling m/c	Lathe coolant pipe broken	and Replace	D.L. Gupta	18/8/20	(Signature)
19	22/8/20	"	tool broken in the Horn	& Repair again and tool replace	D.L. Gupta	22-18/20	(Signature)
20	20/9/20	on CMC ultrasonic Drilling m/c	coolant pipe broken	& Complet pipe replace	"	20/9/20	(Signature)
21	25/9/20	3 D printer	install		by company purchase	25/9/20	(Signature)
22	28/1/21	C.N.C lathe & milling	m/c oiling, cleaning tool for C/M Lab VI Sem	fitting Repair	D.L. Gupta	28/1/21	(Signature)
23	3/3/21	on C.N.C lathe	Z drive not opening	wirey loose check & tight	D.L. Gupta	3/3/21	(Signature)
<p><u>Notes</u> - Every 15 days All m/c cleaning, oiling & nut bot tight every years</p>							(Signature)

VISUAL



MAINTENANCE REGISTER OF *ME Lab*

1. COMPUTER AIDED MACHINING LAB
2. MATERIAL SCIENCE AND TESTING

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Signature of Examiner

mst lab

Sr. No.	Date	Maintenance Part	Type of Maintenance	Maintenance	Maintained by	Inspected Complete	Signature of Lab In-charge
36	02/09/19	Spring Testing Mic	Oil leakage	Repair the mic & clean the mic & change top piston ring	DL Gupta & Lokesh Dey	04/09/19	DL Gupta 4/9/19
37	18/08/2020	All the mic	Dust on mic	Clean 1 the mic	Lokesh Kaur & DL Gupta DL Gupta & Lokesh Dey	20/08/2020	DL Gupta 20/8/20
38	27/08/2020	Impact testing mic	Break lenses & Break damage	Break lenses repair & change bolt	Lokesh Kaur & DL Gupta	24/08/2020	DL Gupta 24/8/20
39	03/09/2020	UTM mic	oil empty	oil fill in tank	DL Gupta & Lokesh Dey	05/09/2020	DL Gupta 5/9/20
40	17/09/2020	microscope	lenses etching problem	Repair microscope & tightening mic bolt	DL Gupta & Lokesh Dey	21/09/2020	DL Gupta 21/9/20
41	24/09/2020	Torsional Testing mic	Pendulum & Rope damage	Change rope of pendulum	DL Gupta & Lokesh Dey	26/09/2020	DL Gupta 26/9/20
42	07/02/2021	Impact testing mic	Break even	Break lens repair	DL Gupta & Lokesh Dey	09/02/2021	DL Gupta 9/2/21
43	22/02/2021	UTM mic	oil empty	oil fill in tank	DL Gupta & Lokesh Dey	24/02/2021	DL Gupta 24/2/21
44	08/03/2021	Spring testing mic	oil leakage	Repair the mic & clean the mic	DL Gupta & Lokesh Dey	10/03/2021	DL Gupta 10/3/21
45	24/03/2021	All the mic	Dust on mic	Clean the mic	DL Gupta & Lokesh Dey	25/03/2021	DL Gupta 25/3/21
						P.T.O.	

Signature of Examiners with

ME LAB

MAINTENANCE

REGISTER

VIBRATION

LANGUILLING

LAB

S.No	Name of machine	date	Maintenance work	Tech.	Faculty
1	Simple pendulum	12/2019	string change	Hunt	
2	Compound pendulum	12/2019	OK	Hunt	
3	Bifilar Suspension	01/2020 01/2020	Tightening of knot and wires	Hunt	
4	spring mass system	01/2020	cleaning and the tightening	Hunt	
5	single rotor shaft system	01/2020	cleaning changing of damping fluid repair of piezometer & suspension system	Hunt	
6	Dunkerley's rule	02/2020	OK cleaning	Hunt	

VISHAL

MAINTENANCE REGISTER OF ME Lab

1. FLUID MECHANICS LAB

Pages : 180
Pages : 176
Pages : 55/-

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(Inclusive of All Taxes)

Pages
with Cover

Pages
without Cover

Date	Name of Machine	Maintenance work	Signature of T.A.	Signature of faculty
13/06/20	V-Notch apparatus	check the motor and greasing the motor	[Signature]	[Signature]
15/07/20	Pipe-friction apparatus	check the plug and tight motor end	[Signature]	[Signature]
18/09/20	Cd, Cv, Cc Apparatus	check the motor and greasing the motor	[Signature]	[Signature]
20/10/20	O/N Apparatus	clean the manometric fluid	[Signature]	[Signature]
10/02/21	V-Notch apparatus Bernoulli's apparatus Cd, Cv, Cc apparatus	opened the water motor and cleaning the disc and removing the corrosion and dust and after that assemble the water motor pump.	[Signature]	[Signature]
08/03/21	Pipe, friction apparatus Pitot tube apparatus	opened the water motor pump and cleaning the disc and removing the corrosion and dust and after that assemble the water motor pump.	[Signature]	[Signature]
22/03/21	All apparatus	Vacating the all apparatus storage tank and cleaning.	[Signature]	[Signature]



SANSAR[®]

MAINTENANCE REGISTER OF ME Lab

- ✓ 1. HEAT TRANSFER LAB
- 2. MECHATRONICS LAB
- 3. REFRIGERATION & AIRCONDITIONING LAB

Date	Name of Machine	Maintenance Work	Signature of Faculty	Signature of Faculty
25/07/19	Natural convection	Heater filament the apparatus.	219-3121E	[Signature]
31/07/19	Drop wise and film wise condensation	check the drain valve cleaning the boiler	219-3121E	[Signature]
29/08/19	Stefan boltzman	check the drain valve cleaning the tank	219-3121E	[Signature]
21/09/19	Forced convection	check the thermostat lighting the knob	219-3121E	[Signature]
11/10/19	Stefan boltzman	vacating the tank cleaning the tank	219-3121E	[Signature]
16/10/19	Drop wise and film wise	vacating the boiler and cleaning the tank	219-3121E	[Signature]
5/06/20	PIN-FIN Apparatus	check the carbon brush of blower	219-3121E	[Signature]
11/07/20	Heat-Flux	check the connection and tight	219-3121E	[Signature]
10/09/20	Composite wall	check the drain and cleaning the tank	219-3121E	[Signature]
15/10/20	Emissivity Apparatus	check the thermo couple selector knob and tight the knob	219-3121E	[Signature]
15/10/20	Hot-Plate method	check the thermo couple selector knob and tight the knob	219-3121E	[Signature]

MAINTENANCE RECORD

SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, RAMNAGARIA, JAIPUR

PHYSICS LABORATORY = I
[CIVIL BLOCK]

S.No	Particular	Damaged/Not working from date	Action Taken	Repaired on (date)	Remarks.
1.	Energy Band gap apparatus (2)	Aug. 21, 2012 (Not working)	Request sent for repair	OK 11/11/12 P. S.	S.R = 33
2.	Energy Band gap apparatus (1)	Aug. 29, 2012 (Not working)	Request sent for repair	repaired 7/9/12 P. S.	S.R. = 33
3.	Battery Eliminator (2)	Aug. 31, 2012	request for repair	repaired 28/11/12 OK P.	S.R = 35
4.	Thermometer (2)	Aug. 16, 2012 (Broken)	Request New issued.	—	S.R = 14
5.	Thermometer (2)	Aug. 30, 2012 (Broken)	Talked telephonically to Scientific Co. for repair (2/9/12)	—	S.R = 14
6.	MA-100 (2)	Aug. 31, 2012 (Not working)	—	repaired 11/11/12 OK P. S.	S.R = 01
7.	Digital Balance (1)	Aug. 31, 2012 (Not working)	Talked telephonically to Scientific Co for repair (5/9/12)	repaired 11/11/12 OK P. S.	S.R = 37
8.	C.F.L (02)	Aug. 31, 2012 (Broken)	New issued	—	S.R = 33

S.No.	Pasticular	Damaged / Not working from date	Action Taken	Repaired on date	Remark
9	Battery Eliminator (02)	Aug. 31, 2012 (Not working)	Talked telephonically to scientific conf for repair - on 4/10/12	repaired OK 19/2/13 Phum	S.R=35
10	Digital DC microvoltmeter (01)	Aug. 31, 2012 (Not working)	on 25/9/12	repaired, OK 02/11/12 Phum	S.R=34
11	Digital DC microvoltmeter (01)	SEP. 13, 2012 (Not working)	on 4/10/12	repaired OK 02/11/12 Phum	S.R=34
12	Plug dots keys (02)	Aug. 31, 2012 (Broken)	New requirement	repaired OK 02/11/12 Phum	S.R=34 Repaired OK 21/3/13 Phum
13	grating stand (01)	31/3/12 (Damage)	New requirement	—	S.R=39
14	Sextant (01)	15/3/12 (Not working)	New requirement	—	S.R=37
15	C.F Bridge socket (01)	15/3/12 (Socket problems)	New requirement	repaired OK 29/3/12 Phum	S.R=44
16	M.I (Glass Plate) (P2 Batch)	35 SEP. 12 Damage	New requirement	repaired OK 20/3/12 Phum	S.R=35

S.No.	Particular	Damage / Not working From Date	Action Taken	Repaired on Date	Remark
59.	Sodium vapor lamp Transformer 25 W	Switch Damage 20/11/19 20/11/19	New Required	Repaired by T.A 20/11/19	Direct supply without supply. B.S.Saini 20/11/19
60	Optical Fiber Setup	Not working - Poor sup. Problem 4/11/18	Repairable	Repaired by T.A B.S.Saini 4/11/18	
61.	connecting wire pin Damage 06 Piece	Not working 4/11/18	connecting wire pin change from stock	Repaired by T.A B.S.Saini 4/11/18	
62.	connecting wire pin Damage 13 Piece	Not working 10/2/19	connecting wire pin change from stock	Repaired by TA B.S.Saini 10/2/19	
63.	Spectrometer - 2 Piece	Not working on 10/2/19	Repairable. oiling & cleaning	Repaired by TA B.S.Saini 11/2/19	
64.	Table Lamp	Wire Damage on 13/2/19	change wire.	Repaired by T.A B.S.Saini 15/2/19	
65.	Spectrometer 2 Piece	Moving Problems on Date - 13/3/19	Repairable.	Repaired by T.A B.S.Saini 14/3/19	
66.	LED Setup - 2	Ammeter Not working current 15/3/19	capacitor & supp. Problems.	Repaired by T.A B.S.Saini 16/3/19	
67.	Band Gap Setup - 01	Not working on date 27/3/19	Repairable - supp. Problems.	Repaired by T.A B.S.Saini 29/3/19	

S.No.	Particular	Damage/Not working From Date	Action Taken	Repaired on date	Remark
68.	Band Gap Setup Phy. Lab-II	Not working	Repairable. circuit Problems.	Repaired by. LA B.S. Saini 8/8/19.	Physics Lab-II Mr. Manoj Kumar
69.	Newton's ring Setup-2	Not working 10/8/19	Repairable. screws Thread Problems.	-	Not Required.
70.	Newton's ring Setup-A1	Not working 4/10/19	Repairable screws Thread Problems.	-	Not Required.
71.	Newton's ring Setup - 01	Not working 22/1/20	Repairable screws Thread Problems.	-	Not Required.
72.	MI - Setup - 01	Not working. 23/1/20	Repairable. Glass Polish Problems.	-	Not Required.

(Signature)
02/11/20

MAINTENANCE RECORD

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY.
RAMMAGARIA [JAGATPURA] JAIPUR

PHYSICS LABORATORY = II
(CIVIL BLOCK)

S/No	PARTICULARS	DAMAGED / NOT WORK.F	ACTION TAKEN	REPAIRED ON	REMARKS	TPD
1	He-Ne LASER	30/08/12	Informed Savita. Scientific on 5/10/12	Not Repaired 30/11/12	Not working Purchase new component 1/10/14	Dr. Jyoti 21/12/12
2	Band Gap.	22/09/12	Savita Sci. on 5/10/12	30/11/12	Not working 18/12/12	Dr. Jyoti 21/12/12
3	Band gap	23/09/12	Self	24/09/12	Working	Dr. Jyoti 21/12/12
4	Battery Accumulator	23/09/12	Self	25/09/12	Working Diode change	Dr. Jyoti 21/12/12

S.No	PARTICULAR	Damaged/Not Working from	ACTION TAKEN	REPAIRED ON	REMARKS	TIME
5	Battery Gr 2. No. 1	23/9/12	Self	24/09/12 mail.	Working	11/12
6	C. 8P	25/9/12	Self	29/09/12	Working	11/12
7	Opit. Numerical Aperture	4/10/12	Self	Reparing 5/10/12	Working	11/12
8	Solex Multi.	26/10/12	Self	28/10/12	Working	11/12
9	Galvanometer	29/10/12	Self	29/10/12 30/10/12	Working	11/12

MATERIALS Damaged/Not Working from

Working

SN.	Date	Particulars	Damage/Not working	Action taken	Current status	Sign.
131	9/03/2018	Carey				
132	9/03/2018	Carey Foster Bridge	Patch Coax	Change	Working Complete	
133	6/04/2018	Newton's Rings	Not Working	Service	Working Complete	Re 6/4/18
134	5/08/2018	Battery SV O.S.A	New Seals	Use in charging & Discharging of Capcinn	Working	

67/01

135. 6/9/18

Charging & discharging of Capacitor

new setup

Working

13/05/18

136. 10/4/19.

Energy Band gap set up

Not working

Change the switch

Working

14/3

137. 5/9/19

Sextant set up

Not working

Repair

Working

12/10/19.

138. 19/11/19

Table lamp

wire/switch problem

change wire & switch.

Working

19/11/19.

139. 5/2/20

Multimeter

Not working

change power battery.

Working

5/2/20.