

Criterion- 4: Infrastructure and Learning Resources





4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.





SUMMARY SHEET LAB MAINTENANCE

2021-22		
SNO	NAME OF THE LAB	PAGE NO
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2020-21		
SNO	NAME OF THE LAB	PAGE NO
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9.	Concrete technology lab	10
10.	Computer lab	11
11.	Electronic devices and circuits lab	12
12.	Electronic circuit analysis lab	13
13.	Power electronics lab	14
14.	Physics lab	15

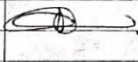



2019-20		
SNO	NAME OF THE LAB	PAGE NO
15.	Computers lab	16
16.	Concrete technology lab	17
17.	Electrical machines lab	18
18.	Chemistry lab	19
19.	Control systems lab	20
2018-19		
SNO	NAME OF THE LAB	PAGE NO
20.	Computer lab	21
21.	Electrical measurements lab	22
22.	Control system lab	23
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2017-18		
SNO	NAME OF THE LAB	PAGE NO
25.	Computer lab	26
26.	Concrete technology lab	27
27.	Integrated circuits & pulse and digital circuits lab	28
28.	Electronic devices and circuits lab	29
29.	Electronic circuit analysis lab	30
30.	Physics lab	31

LAB MAINTENANCE FOR THE ACADEMIC YEAR 2021-22**CHEMISTRY LAB**

S.No	Date	Name of Equipment	Repair works	Received by	Signature of HOD
1.	24/1/22	Deioniser	preparation of distilled water	T. Srinivas	
2.	9/2/22	Apparatus	cleaning	T. Srinivas	
3.	15/2/22	potentiometer	Electrodes cleaning	T. Srinivas	
4.	16/2/22	R.O water plant	cleaning	T. Srinivas	

S.No	Date	Name of the Equipment	Repair works	Repaired by	Signature of HOD
1.	22/11/21	Conductivity meter	Electrodes cleaning	T. Srinivas	
2.	13/12/21	Beakers, Volumetric flasks	cleaning	T. Srinivas	
3.	29/12/21	Wash Bottles	cleaning	T. Srinivas	
4.	29/12/21 4/1/22	R.O water plant	cleaning	T. Srinivas	

PHYSICS LAB

S.No.	Date	Name of the Equipment	Repair works	Reviewed by	Signature of HOD
1.	24/1/22	Newton Ring Experiment	preparing plano-convex lens		
2.	15/2/22	power supply to plug-winders	Fixed plug pins	Shivida	
3.	15/05/22	Thermistor Characteristics C.R. circuit	adjusting Condenser	Shivida	

CONTROL SYSTEMS LAB

Control systems lab maintenance 681K
2021-2022

S.No	Date	Name of the equipment	Repair/maintenance	Sign	Remark
1.	16/02/22	Time response of ord codes system	power dist system supply is not coming through power dist hence replaced by new one.		
2.	17/2/22	DRS Boxes	KIT fuses are replaced		

Head of the Department
 Electrical & Electronics Engineering
 Dadi Institute of Engineering and Technology
 Anapalle - 522 002

ELECTRICAL CIRCUITS

Maintenance activities in the year 2021-22

S.No	Date	Name of the Equipment	problem observed	Action Taken	Lab Incharge	HOD
1.	17/10/2021	D.C Crompton's potentiometer	Galvanometer	checked & found that terminals were replaced with other	Wijay	

Head of the Department
 Electrical & Electronics Engineering
 Dadi Institute of Engineering and Technology
 Anapalle - 522 002

POWER ELECTRONICS LAB

Maintenance Activities in the Year, 2021		2022
S.No	Name of the Equipment	Date
1.	Regulated Power Supply	17/12/21
2.	Rps	28/12/21
3.	Resistors, Capacitors	24/1/22






Repair Maintenance		Lab Incharge HOD
Replaced the fuse and checked the working condition	M. Mohan	[Signature]
Terminals Tightening	M. Mohan	[Signature]
checked the working condition of resistors & capacitors	M. Mohan	[Signature]

ELECTRICAL MACHINES LAB

Electrical Machines lab maintenance work

~~2020 - 2021~~

lab Technician Name: K.S. Gangaiah R.

Date	Name Equipment	Repair / maintain.	Sign	Remarks
20/07/2020	Maintance work	to cleaning all motors and meters.		
30/09/2020	Rectifier work.	to changing the wires and connect new wires and cably.		
30/10/2020	main panel	to checking panel connecter and check all wiring and cables and replace for all mcb's and main switch.		
21/11/2020	meters	to repair all meters glass and points and set terminal.		
11/12/2020	starts	to cleaning the all start terminal and to set proper wiring condition and check.		

COMPUTER LAB

62	30/11/2020	8, 38, 45, 50, 53, 61	Online problem Java error Java error SMPS problem SMPS problem Network problem	Rectified Rectified Rectified Rectified Rectified	
63	20/02/2021	Lab-4	Laptop - 192 Taken by ch. Dineth Sir.		
64	30/06/21	10, 11, 29, 31, 39, 46	SMPS problem.	V. Syamala	Rectified 21/9/21
65	30/06/21	07	keyboard problem.	V. Syamala	Rectified 21/9/21
66	7/7/21	45	Monitor problem	V. Syamala	

S.No	DATE	SMS No	Problem Description	Complaint Requested by	Complaint Rectified by with Date	Remarks
67.	03/12/21 02/12/21	54 45	SMPS Problem Beast problem	V. Syamala	54 Rectified by P. Govinda for 28/2/22	
68.	4/1/22	45	Mother board problem	I. Sainam V. Syamala	45 Rectified by P. Govinda for 21/3/22	
69.	11/3/22	12, 28, 30, 35, 39, 47, 44, 61, 5	LAN problem	I. Sainam		
70	15/3/22	12, 28, 30, 35, 39, 47, 47, 5	Lan proble	I. Sainam	Rectified by P. Govinda for I. Sainam 15/3/22	
71.	15/3/22	56, 61	Lan problem	I. Sainam	61-Rectified by I. Sainam 15/3/22	
72	15/3/22	56 54	Lan problem, Motherboard problem Mouse problem SMPS, Motherboard	I. Sainam	Rectified by P. Govinda for I. Sainam 28/4/22	
3.	25/4/22	28	SMPS problem	I. Sainam	Rectified by P. Govinda for I. Sainam 28/4/22	
1.	15/6/22	6 56	SMPS proble Motherboard Problem	I. Sainam		

LAB MAINTENANCE FOR THE ACADEMIC YEAR 2020-21

CONTROL SYSTEMS LAB

Control Systems Lab Maintenance work
2020-2021

PAGE: / /
DATE: / /

Sr. No.	Date	Name of the equipment	Repair/maintenance	Sign	Remarks
1.	23/11/20	Characteristics of magnetic Amplifier	power closed problem. hence supply is not coming through power closed hence replaced by new one		
2.	23/12/20	power closed is not	soldering damaged here, soldering was done		

CONCRETE TECHNOLOGY LAB

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 NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh, diet.edu.in

DEPARTMENT OF CIVIL ENGINEERING

Concrete Technology lab maintenance (2020-2021)

S.No	Name of the Equipment	Date of servicing	Supporting Goods material used	Remarks
1	Vee Bee consistometer	19/3/2021	Lubricant oil	
2	Slump Cone	19/3/2021	Lubricant oil	

Lab In charge

Head of the Department
 Civil Engineering
 Dadi Institute of Engg. & Tech
 Anakapalle, 531002

COMPUTER LAB

Sl. No.	System no.	problem	action taken	verified date	verified signature
<u>10/8/20</u>					
1.	4	Ram	Ram verified		
2.	7	OS problem	updated		
3.	6	Hard disk	Need Hard disk		
4.	2	Hard disk	Required HD		
5.	30	Mother board	Ram		
6.	19	Mother board	Mother board		
7.	71	Keyboard	Verified		
8.	65	Monitor	Verified		
9.	63	Not on	Ram		
10.	70	OS problem	updated		
<u>15/8/20</u>					
①	71	keyboard	Replaced		
<u>20/8/20</u>					
1.	4	Ram	} Done 21/8/20.		
2.	6	Hard disk			
3.	2	Hard disk			
4.	19	Mother board			
5.	6	Ram			
7.	31	Hard disk			
8.	67	Mother board			
9.	43	OS problem			
10.	54	Mother board			

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ELECTRONIC DEVICES AND CIRCUITS LAB

S.No	Date	Name of the Equipment	Repair works	Received by	Signature of HOD
1.	22/11/21	Travelling Microscope	Adjustment the Calimetry with Eyep	[Signature]	[Signature]
2.	23/12/21	Stewart Gee's Apparatus	Repairing Rheostat	[Signature]	[Signature]
3.	29/12/21	PN Junction MODE	Repairing Re circuit	[Signature]	[Signature]

ELECTRICAL CIRCUITS LAB




ELECTRICAL CIRCUITS LAB		DATE: 2020-2021
S.No	Date	Name of the Equipment
1.	29/1/2020	Decade Resistance box
2.	28/2/2020	Meters
3.	23/7/2020	M.C Ammeter
4.	17/9/2020	Voltmeter
5.	23/11/2021	Stabilizer

Repair Maintenance	Lab. Incharge
checked & found that resistors were damaged & replaced with another.	Head of the Dept. Electrical Engineering Dadi Institute of Engg. Anapalle - 531 002
cleaned the dust on the kits	Head of the Dept. Electrical Engineering Dadi Institute of Engg. Anapalle - 531 002
Terminals were replaced	Head of the Dept. Electrical Engineering Dadi Institute of Engg. Anapalle - 531 002
Terminals Tightening	Head of the Dept. Electrical Engineering Dadi Institute of Engg. Anapalle - 531 002
checked and found that fuse was damaged so replaced with new fuse.	Head of the Dept. Electrical Engineering Dadi Institute of Engg. Anapalle - 531 002

POWER ELECTONICS LAB

Maintenance Activities, in the		Year	2020-21	PAGE: / /	DATE: / /	
S.No.	Name of the Equipment	Problem Identified	Action Taken	Attended by	Lat. Incharge	HOD
1	Characteristics of Magnetic Amplifier	Power chord problem	Checked & found that supply is not coming to the kit. Found that power chord problem replaced with a new power chord. Now it is working.	P. Praveen Raju Lab Technician 01/11/20	Dr. B. V. S. Rao 23/11/20	Head of the Department Electrical & Electronics Engg. & Tech. Dadi Institute of Engg. & Tech. Anakapalle - 531 002
2	Patch Chords - 3 Nos.	soldering damaged	Checked & found that 3 Nos patch chords are desoldered. Soldering was done. Now it is working.	P. Praveen Raju Lab Technician 22/11/20	Dr. B. V. S. Rao 23/11/20	Head of the Department Electrical & Electronics Engg. & Tech. Dadi Institute of Engg. & Tech. Anakapalle - 531 002

PHYSICS LAB

S.No.	Date	Name Of the Equipment	Repair Works	Received by	Signature of HOD
1.	14/09/20	Screw Guage	Repairing Error (Adjustment)	K. Garguher	
2.	18/3/20	Velocity of sound in air	Adjustment of Stand with ss pipe	K.V. Jayant	
3.	21/12/20	Planck's Constant	Repairing with setup	K.V. Jayant	

LAB MAINTENANCE FOR THE ACADEMIC YEAR 2019-20

COMPUTER LAB

SNo	9/3/2020 system no	problem (Not in)	verified with date	Rectified with date
1.	19	CPU fan	CPU Date 9/3/2020 Date 9/3/2020 Date 11/3/2020	OS problem
2.	30	Mother board		Mother board
3.	31	Mother board		"
4.	39	"		"
5.	48	OS problem		Rectified
6.	47	"		Rectified
7.	61	OS / key board		Keyboard
8.	62	OS / HDD		OS
9.	63	Mother board		HDD problem
10.	71	Mother board		
11.	27	key board		
12.	9	OS		
13.	7	Beep sound		
14.	6	OS		
<u>11/03/2020</u>				
1.	46	No booting	Date 11/3/2020 OS problem	Rectified 11/03/2020
2.	61	Keyboard problem		Rectified
3.	50	Not on		Rectified
4.	60	"		Rectified
5.	57	Beep sound		Rectified
6.	62	key board		Need keyboard
7.	63	CPU (Not in)		Hot
8.	69	"		Rectified
9.	59	"		Rectified
10.	60	monitor		Rectified
11.	47	monitor		Rectified
12.	43	OS		Rectified
13.	71	Display		

CONCRETE TECHNOLOGY LAB

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DEPARTMENT OF CIVIL ENGINEERING

Concrete Technology lab maintenance (2019-2020)

S.No	Name of the Equipment	Date of servicing	Supporting Goods material used	Remarks
1	Sieve Shaker	13/11/2019	Lubricant oil	
2	Compression testing machine	13/11/2019	Release Valve for hydraulic pumps	
3	Digital Weighing Machine	7/1/2020	Needle calibration	

[Signature]
Lab In charge





[Signature]
Head of the Department
Civil Engineering
Dadi Institute of Engg. & Tech.
Anakapalle, 531002

ELECTRICAL MACHINES LAB

Electrical Machines Lab Maintenance Log
2019-2020

Sr	Date	Name of Equipment	Repair/Maintenance	Sign	Remarks
1	20.11.2019	Overhaul	To repair terminal and to connecting wires.	(Signature)	✓
2	20.11.2019	motor	No repairable work marks and changing terminal.	(Signature)	✓
3	11.12.2019	motor	Just changing lead springs and to apply the grease.	(Signature)	✓
4	20.12.2019	Inductive load	To connect the terminal in inductive load.	(Signature)	20/12/2019
5	27.01.2020	lamp load	Just changing the lamps and repair the holders and change terminal.	(Signature)	✓
6	29/01/2020	transformer	To check the all from terminal and changing fuse wire maintenance work.	(Signature)	

CHEMISTRY LAB

S.No	Date	Name of the Equipment	Repair work	Repaired by	Signature of HOD
1.	28/8/19	Analytical Balance	Screws adjusted at Both ends	S. Sridhar	
2.	22/10/19	PH Meter	Screw adjustment	S. Sridhar	
3.	13/12/19	Burners	Cleaning	S. Sridhar	
4.	19/12/19	Apparatus Apparatus	cleaning	S. Sridhar	

CONTROL SYSTEMS LAB

Control systems lab maintenance work
2019-2020

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S.No.	Date	Name of the equipment	Repair/maintenance work	Remarks
1.	14/6/19	DC position control kit	Relay coil changed. hole changed by new relay coil.	✓
2.	17/7/19	Magnetic Amplifier	series connection repaired	✓
3.	17/8/19	DC servo motor	The Balance load. Belt was adjusted.	✓
4.	20/9/19	patch chords	patch chords were soldered	✓


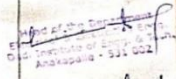
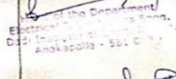

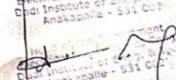

LAB MAINTENANCE FOR THE ACADEMIC YEAR 2018-19

COMPUTER LAB

S.No	Date	Sys No	Problem Description	Complaint Reported by	Complaint Rectified by with date	Remarks
1	17/6/18	50, 53	Back not getting installed	S. Srinivasulu	Jyoti 16/6/18	Installed
2	20/6/18	50	Hard disk complaint	S. Srinivasulu	Jyoti 20/6/18	Replaced
3	11/7/18	22, 16	Keyboard complaint	S. Srinivasulu	Jyoti 20/9/18	Replaced
4	17/7/18	up ups-2	UPS-2 is not working	complaint logged S. Srinivasulu	Jyoti 25/7/18	Rectified
5	20/8/18	(34)	Motherboard complaint	S. Srinivasulu	Motherboard not working	have to replace Jyoti
6	21/9/18	52	System hanging	S. Srinivasulu	Replaced	Jyoti 21/9/18
7	21/9/18	28, 5	C software complain	S. Srinivasulu	Jyoti 21/9/18	Solved
8	4/8/18	1, 7, 52, 21	lan problem	S. Srinivasulu	Jyoti 10/8/18	Rectified
9	11/8/18	52	Monitor problem	S. Srinivasulu	Jyoti 10/8/18	Panel cleaned Panel cleaned
10	13/8/18	34, 53	hanging problem-53 24 not getting on	S. Srinivasulu	Jyoti 10/8/18	Panel cleaned
11	22/8/18	30, 52 31	Python problem System not getting on	S. Srinivasulu	Jyoti 20/8/18	Reinstalled python
12	30/8/18	18	Mouse problem	S. Srinivasulu	Jyoti 20/8/18	
13	6/9/18	(20)	Motherboard comp	S. Srinivasulu	Jyoti 10/9/18	Pending } Replaced New motherboard
14	25/10/18	6	Keyboard complaint	S. Srinivasulu	Jyoti 22/10/18	Replaced
15	27/10/18	(53)	Motherboard complaint	S. Srinivasulu	Jyoti 27/10/18	Pending } Replaced New motherboard
15	20/11/18	2, 29, 33	2-turbo problem 21-turbo problem	S. Srinivasulu	Jyoti 16/11/18	Reinstalled
16	6/12/18	3, 10, 13, 11	33-not getting on 10, 10, 13-turbo problem	S. Srinivasulu	Jyoti 10/12/18	Replaced Mother problem have to replace
17	6/12/18	52	Monitor display prob	S. Srinivasulu	Jyoti 10/12/18	
18	8/12/18	-all systems	Antivirus has been installed	S. Srinivasulu	Jyoti 10/12/18	
19	19/2/19	32, 33 42, 26 25	Not getting on System hanging Keyboard keys are not working	S. Srinivasulu	Jyoti 12/2/19	32 Mother board Problem 52 monitor dead 33-OK, 26-OK, 42-OK 25-Keyboard Problem Jyoti (Replaced) unproblem have been Rectified
20	9-3-2019	Syno 32	Motherboard complain	S. Srinivasulu	Jyoti 10/3/19	
21	9-4-2019	Syno: 19 Syno: 34 Syno: 33 Syno: 45	lan Problem lan Problem virus problem Mouse problem	S. Srinivasulu	Jyoti 11/4/19	45-Mouse Replaced Key Board complain are replaced
22	10-4-2019	Syno: 8, 10, 16, 18, 43, 14 CRT-19, 31, 32, 53	key board channel Compane CRT Monitors Replaced with AOC 19.5" LCD	S. Srinivasulu	Jyoti 11/4/19	5 Monitors

ELECTRICAL MEASUREMENTS LAB

Maintenance Activities in the Year 2018-19

S.No	Date	Name of the Equipment	Problem Identified	Action Taken	Lab Incharge	HoD
1.	15/8/18	Inductive load	Soldering	Inside the cable nose damaged & done with soldering	Wjay	
2.	5/12/18	Schering bridge	Resistor burnt, damaged	Resistor were replaced with new one	Wjay	
3.	4/1/19	Rheostat	Terminals	Terminals were replaced with new one	Wjay	
4.	4/5/19	Current Transformer	Connections	Loose connections were tightened	Wjay	
5.	13/5/19	Resistor load	Coil damaged	And replaced with another coil	Wjay	
6.	3/6/19	Energy meter	disc bend	And straightened the disc in a proper way	Wjay	

CONTROL SYSTEMS LAB

Sl.No.	Date	Name of the Equipment	Repair/maintenance	Lab Incharge	Head of the Dept
1.	16/7/18	Decade Resistance boxes	Knobs were adjusted & fuse were replaced	WJW	Head of the Dept Dadi Institute of Engg Anakapalle - 531 0
2.	28/8/18	Analog Ammeter	Glass were replaced	WJW	Head of the Dept Dadi Institute of Engg Anakapalle - 531 0
3.	10/10/18	Analog Ammeter	Adjusted the pointer	WJW	Head of the Dept Dadi Institute of Engg Anakapalle - 531 0
4.	16/10/19	Digital voltmeter	Segment display were replaced	WJW	Head of the Dept Dadi Institute of Engg Anakapalle - 531 0
5.	30/5/19	Decade Inductance box	Terminals were tightened	WJW	Head of the Dept Dadi Institute of Engg Anakapalle - 531 0

ELECTRONIC CIRCUIT ANALYSIS LAB

Sl.No.	Date	Name of the Equipment	Repair/maintenance	Lab Incharge	Head of the Dept
1.	16/7/18	Decade Resistance boxes	Knobs were adjusted & fuse were replaced	<i>[Signature]</i>	<i>[Signature]</i> Dadi Institute of Engineering & Technology Anakapalle - 531 001
2.	28/8/18	Analog Ammeter	Glass were replaced	<i>[Signature]</i>	<i>[Signature]</i> Dadi Institute of Engineering & Technology Anakapalle - 531 001
3.	10/10/18	Analog Ammeter	Adjusted the pointer	<i>[Signature]</i>	<i>[Signature]</i> Dadi Institute of Engineering & Technology Anakapalle - 531 001
4.	16/10/19	Digital voltmeter	Segment display were replaced	<i>[Signature]</i>	<i>[Signature]</i> Dadi Institute of Engineering & Technology Anakapalle - 531 001
5.	30/5/19	Decade Inductance box	Terminals were tightened	<i>[Signature]</i>	<i>[Signature]</i> Dadi Institute of Engineering & Technology Anakapalle - 531 001

ELECTRICAL MACHINES LAB

ELECTRICAL MACHINES LAB MAINTENANCE WORK

Lab. Technician Name: K.S. Gargadhora 2018-2019

Sr ^{no}	Date	Name of Equipment	Service/Repair	sign	Remarks
1.	6.7.2018	Panel Board	Panel Board cable one damage and Burn out. It change cable and fuses and indicators.		complete
2.	6.8.2018	1- ϕ Induction motor	1- ϕ Induction motor capacitor are damage It changing capacitor		
3.		loads	1- ϕ Resistance load one loose wire damage. It apply the Soldering and changing terminals.		complete
4.	20.10.2018	Experiment panel	Experiment table terminals terminal are damage. It changing new terminal and control wire checking.		
5.	26.11.2018	Spring Balance load.	Now applying force in Spring Balance load.		
6.	6.12.2018	transformer	Transformer fans are checking and terminal are checking and check damage terminal.		

LAB MAINTENANCE FOR THE ACADEMIC YEAR 2017-18

CSE LAB MAINTENANCE

Maintenance activities in the year 2017-18

Sl. No.	Equipment Name	Lab Name	Lab Status	Remarks	Received Date	Working Condition	Remarks
1	HP 2010	PC Lab	not working	power cord	03/09/18	not working	
2	HP 2010	PC Lab	not working	power cord	03/09/18	not working	
3	HP 2010	PC Lab	not working	power cord	03/09/18	not working	
4	HP 2010	PC Lab	not working	power cord	03/09/18	not working	
5	HP 2010	PC Lab	not working	power cord	03/09/18	not working	

Maintenance activities in the year 2017-18

Sl. No.	Equipment Name	Lab Name	Lab Status	Remarks	Received Date	Working Condition	Remarks
1	HP 2010	PC Lab	not working	power cord	03/09/18	not working	
2	HP 2010	PC Lab	not working	power cord	03/09/18	not working	
3	HP 2010	PC Lab	not working	power cord	03/09/18	not working	
4	HP 2010	PC Lab	not working	power cord	03/09/18	not working	
5	HP 2010	PC Lab	not working	power cord	03/09/18	not working	

CONCRETE TECHNOLOGY LAB

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
 Approved by AICTE & Permanently Affiliated to JNTUK
 NAAC Accredited Institute & Inclusion u/s 2(f) & 12(B) of the UGC Act
 NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh, diet.edu.in

DEPARTMENT OF CIVIL ENGINEERING

Concrete Technology lab maintenance (2017-2018)

S.No	Name of the Equipment	Date of servicing	Supporting Goods material used	Remarks
1	Sieve shaker	10/2/2018	Lubricant oil, Kerosene	-
2	Compaction apparatus	10/2/2018	Lubricant oil, Kerosene	-
3	Slump test apparatus	10/2/2018	Lubricant oil, Kerosene	-

Lab In charge

[Signature]
 Head of the Department
 Civil Engineering
 Dadi Institute of Engg. & Tech.
 Anakapalle

INTEGRATED CIRCUITS & PULSE AND DIGITAL CIRCUITS LAB

Equipment Name	SN Serial No	Lab Name	Received Date	Remarks
1) A.O. Trainer kit	Kit no: 7	IC & PDC Lab	09/09/17	Received 09/09/17 15V Problem (It's Replaced) Missing Conn connected 15V & 5V missing out 25V replaced
2) A.O. Trainer kit	Kit no: 8	IC & PDC Lab	09/09/17	Received 09/09/17 25V replaced
3) Function Generator (MPLAB)	507286	IC & PDC Lab	09/09/17	Received 09/09/17
4) Function Generator (MPLAB)	502289	IC & PDC Lab	09/09/17	Received 09/09/17 No O/P from the BNC Connector (It's short) -ve Terminal is open It's Replaced by the TTL O/P BNC Connector voltage compliant It's Replaced
5) CRO (PACIFIC)	201100204	IC & PDC Lab	09/09/17	Received 09/09/17
<u>work shop 12/09/17</u>				
1) RPS (300W) 3 Amp	07071108	ERC Lab	12/09/17	Not working. T1B35 shorted up

ELECTRONIC DEVICES AND CIRCUITS LAB

S.No.	Equipment Name	Sys serial No.	Lab Name	Fault	Received Date	Return Date	Working Condition	Remarks	
	RPS	0707105	EDC	main card burning 3rd card	29/11/17	29/11/17	With spare	Replaced components on 3rd main card. Replaced.	
30/11/17	0-10mA	EDC lab/3	EDC	Not working				1634966037 V. Madhu	
13/12/17	DRB	EDC lab/3	EDC	Not working				16349-66-009	
17/12/17	0-100 mA	EDC lab/3	EDC	Not working				16349-66-003	
<u>03/04/18</u>									
1	RPS	07071107	EDC Lab	General servicing				Working condition is good.	
2	FA	07032122	EDC Lab	General servicing				Working condition is good.	
3	RPS	07071105	EDC Lab	General servicing				Working condition is good. Repair required.	
4	RPS	07071112	EDC Lab	General servicing				Working condition is good.	
5	RPS	07071104	EDC Lab	General servicing				Working condition is good.	

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ELECTRONIC CIRCUIT ANALYSIS LAB

Maintenance Activities in the Year 2017-2018		Repair/Maintenance	Lab Incharge	Head
Sr No	Date	Name of the Equipment		
1.	20/12/17	AC Stabilizer	Changed the Input & Output Cable	Wyan Head of the Dept. Electrical & Electronic Engineering Dadi Institute of Engineering & Technology Anakapalle
2.	29/12/17	Digital voltmeter	Terminals were tightened	Wyan Head of the Dept. Electrical & Electronic Engineering Dadi Institute of Engineering & Technology Anakapalle
3.	3/3/18	RPS	Fuses were replaced	Wyan Head of the Dept. Electrical & Electronic Engineering Dadi Institute of Engineering & Technology Anakapalle
4.	12/4/18	RPS	knob were replaced with another	Wyan Head of the Dept. Electrical & Electronic Engineering Dadi Institute of Engineering & Technology Anakapalle
	18/5/18	Main Supply	changing the socket	Wyan Head of the Dept. Electrical & Electronic Engineering Dadi Institute of Engineering & Technology Anakapalle
	9/6/18	Main Supply	changing the switches	Wyan Head of the Dept. Electrical & Electronic Engineering Dadi Institute of Engineering & Technology Anakapalle

PHYSICS LAB

S.No.	Description, specifications & make of item	Name & Address of supplier	Date of supply	Prgram No DPR	Invoice no & Date	Unit price	Qty	Total cost	Signature	Remarks
1.	Thermistor characteristics apparatus with built meter and cum set up replace pt. thermistor heater control	Kesavapety Dasthina -cutt, Andhra Pradesh	25/7/2018	15/85	S-002/bh/17-2k18	767	3	2301.00		
2.	Energy band gap of p-n diode apparatus with m meter and cum set up replace pt. p-n diode heater control			"	"	767	2	1534.00		

Head of the Department
 Basic Science & Humanities
 Dadi Institute of Engg. & Tech.
 Anakapalle - 531002
 Dadi Institute of Technology