10.15 C: Laboratory and Workshop		
10.15C.1: List of Major Equipment/Facilities in each Laboratory/ Workshop		
COMPUTER ENGINEERING		
Sr. No.	**Major Equipment/Facilities**	**Number**
1	COMPUTER	21
2	CISCO DEVELOPMENT RACK	2
3	DELL LAPTOP	1
4	COMPUTER	25
5	COMPUTER	22
6	COMPUTER	19
7	COMPUTER	5
AUTOMATION & ROBOTICS ENGINEERING		
10.15 C: Laboratory and Workshop		211
10.15C.1: List of Major Equipment/Facilities in each Laboratory/ Workshop		
Sr. No.	**Major Equipment/Facilities**	**Number**
1	CRO (30MH2 Dual trace)	4
2	Pattern Generator	1
3	Digital storage osc (DSO)	2
4	CRO (25MH2,2Chan & Trace)	2
5	DSO (50MH2500ms/with FFT	1
6	Aplab DC power supply	1
7	Aplab DC power supply	1
8	Dual DC power supply	6
9	D.C Defibrillator system.	1
10	Defibrillator simulator	1
11	Phonocardiograph system with sensor head phone type	1
12	Pcbased PFT unit with sensor mouth pieces & S/W	1
13	Digital Blood pressure measuremnt	1
14	ECG Amplifier trainer kit	1
15	DC position control system	1
16	DC position control system	1
17	AC position control system	1
18	PID Position control system	1

19	Portable Universal calibrator model mic rocal	1
20	Measurement speed of stepper motor	1
21	Potentiometer as a Error Detector	2
22	DC position control system	1
23	Synchro control error system	1
24	CRO Trainer kit	3
25	LVDT Trainer kit	3
26	Dead weight Tester	1
27	TV Fault Finding tv kit	1
28	Stroboscope	1
29	Load Measurement using gauge	1
30	HTC Vibration meter	1
31	Strain Gauge meter	1
32	Computer HCL	1
33	Computer H P	1
34	Computer H P	1
35	Computer HCL	2
36	DELL Computer	1
37	HCL COMPUTER	3
38	HP computer Pri 3330	2
39	20MH2RF Function generator	2
40	3/40MH2 Function generator	2
41	Rotary Encoder	1
42	50MHz DDS Function generator	1
43	DIFFERENTION LVDT KIT	1

10.15 C: Laboratory and Workshop	**209**

10.15C.1: List of Major Equipment/Facilities in each Laboratory/ Workshop

Sr. No.	Major Equipment/Facilities	Number
1	Digital IC Tester	**1**
2	Linear IC Tester	**1**
3	Drilling Machine	**1**
4	Etching Machine	**1**
5	PCB Artwork Film Maker	**1**
6	PCB Curing Machine Oven	**1**
7	Proto Resist Dip Coating Machine	**1**

8	PCB Shearing Machine	**1**
9	PCB Exploser	**1**
10	Roller Tinning Machine	**1**
11	Drilling Machine	**2**
12	Etching Machine	**1**
13	Easy Developer Unit	**1**
14	PCB Cutter Cirwlar SawPhinic	**1**
15	PCB Coate cum photo Resist Dryer	**1**
16	Drill Machine	**2**
17	Easy Eatching Machine	**1**
18	Ultrasonic Expouser	**1**
19	OVEN WITH DECODER	**1**
20	pcb cutter saw	**1**
21	Universal Programmer	**1**
22	IC Burner HIGP 8	**1**
23	Power Supply	**10**
24	Digital Storage Osciloscope(200Mhz)	**1**
25	Regulated Bench Dual Output Power Supply	**2**
26	Regulated Bench Rack Dual Output Power Supply	**2**
27	Cathod Ray Osciloscope (5 in test lab)	**6**
28	30MHZ Dual Trace CRO	**2**
29	20 MHZ Philips Dual Trace CRO	**2**
30	30 mhz Dual Trace CRO	**1**
31	Aplab 20 Mhz CRO	**1**
32	20 MHZ CRO Philips	**2**
33	30 mhz Dual Trace CRO	**1**
34	Aplab 20 Mhz CRO	**1**
35	20 MHZ CRO Philips	**2**
36	hp computer pri 3330	**2**
37	computer Dell	**2**
10.15 C: Laboratory and Workshop		210
10.15C.1: List of Major Equipment/Facilities in each Laboratory/ Workshop		
Sr. No.	**Major Equipment/Facilities**	**Number**
1	50MHZ CRO	1
3	LX INFINITY COMPUTERS	1

4	LX INFINITY COMPUTERS	1
5	HCL COMPUTERS	3
6	DELL COMPUTERS	7
7	LX INFINITY COMPUTERS	1
8	DELL OPTI 3020 COMPUTERS	2
9	Dell Opti 3080 COMPUTERS	2
10	HP i5 computers	1
11	HP i5 computers	2
12	I7 DELL OPTIPLEX 3050	2

10.15 C: Laboratory and Workshop   104

10.15C.1: List of Major Equipment/Facilities in each Laboratory/ Workshop

Sr. No.	Major Equipment/Facilities	Number
1	Dell optilex 3050 12th Gen Intel I 7th COMPUTERS	18
2	AI Based MISTUBHISHI RV-8CRL Robot -pay load 8 kg	1
3	Creality Ender 3 S1 Pro 3D Printer	1
4	HP Intel core I5 1235, 12th gen, 8 GB Ram, 1 TB HDD+256 GB SSD Win 11 White Colour all in one pc	1
5	IOT Learning box (36 i/o Pins built in wi-fi and bluetooth)	1

10.15 C: Laboratory and Workshop   10

10.15C.1: List of Major Equipment/Facilities in each Laboratory/ Workshop

Sr. No.	Major Equipment/Facilities	Number
1	16pt. Alarm annunciator with electronic hooter,230VAC,Set of push button (Test, Accept, Reset)	1
2	ElectroMagnetic flow meter	1
3	Cut Section of Flow sensors Oriface & Venturi	1
4	30MHz dual trace Oscilloscope Model: 3744	2
5	Modicon TSX Micro PLC Digital I/p,O/Panalog I/P Fixed in PLC	1
6	Mitsubishi PLC Control panel comprising of PLC & acc.	1
7	9324RL0100ENEPLC Produet	1

8	S/S Panal 5 I/P With 5 O/P,Temp Transmiter Sensor Teminals for wiring purpase MCB etc.	1
9	Metal tube rotameter	1
10	Smart level transmitter	1
11	Pressure transmitter I/p (0-5)Kg/Cm2	1
12	Differential Pressurel transmitter I/p (0-1000)	1
13	Ultrasonic level transmitter {installed in level loop}	1
14	Smart transmitter Trainer	1
15	Dead Weight tester with weight set	1
16	Flow Measurement Loop	1
17	Scada Software Vijeo citect version 7.3 points 75	1
18	Lab View software (Under Modrob)	1
19	Delta V System (Under Modrob) WITH 02 COMPUTERS	1
20	HCL Computer	1
21	DELL Optiplex 3020 Minitower Desktop Computer (Under Modrob)	3
22	Dell Computer	1
23	HCL Computer	3
24	8 Channel Data Logger Range 0-200DegC	1
25	Progrmable Logie controller with DAQ PLC	1
26	LA Logic 16032	1
27	HP Computer I5 PROCESSOR 4GB RAM, 500 GB HARD DISK	1
28	HP Computer I5 PROCESSOR 4GB RAM, 500 GB HARD DISK	1
29	HP Computer I5 PROCESSOR 4GB RAM, 500 GB HARD DISK	1
30	HP Computer I5 PROCESSOR 4GB RAM, 500 GB HARD DISK	4
31	HP Computer I5 PROCESSOR 4GB RAM, 500 GB HARD DISK	1
32	HP Computer I5 PROCESSOR 4GB RAM, 500 GB HARD DISK	1
ELECTRONICS & TELE-COMMUNICATION ENGG		
10.15 C: Laboratory and Workshop		310,311,416 & 417

10.15C.1: List of Major Equipment/Facilities in each Laboratory/ Workshop		
Sr. No.	**Major Equipment/Facilities**	**Number**
1	DATA PROJECTOR	2
2	CRO	31
3	DSO	9
4	DIGITAL IC TESTER	5
5	ANALOG IC TESTER	1
6	LAPTOP	3
7	COMPUTER	21
8	ALLEN BRADLEY PLC	1
	CIVIL ENGINEERING	
10.15 C: Laboratory and Workshop		
10.15C.1: List of Major Equipment/Facilities in each Laboratory/ Workshop		
Sr. No.	**Major Equipment/Facilities**	**Number**
1	Koizumi Placom Digital Planimeter	2
2	Micro Optic Theodolite	2
3	Electronic Digital Theodolite	2
4	Geo Max Total Station	2
5	Motorized Sieve Shaker Machine	1
6	Vibrating Table 500mm x 500mm	1
7	Los Angeles Abrasion Testing Machine	1
8	Ultrasonic Pulse Velocity (UPV)	1
9	Analog Concrete Test Hammer	1
10	Ring And Ball Apparatus	2
11	Automatic Standard Penetrometer	2
12	Pensky Marten Flash Point Apparatus	2
13	Ductility Testing Apparatus	1
14	Direct Shear Test Apparatus Electrically Cum Manually Operated With Proving Ring And Dial Gauge	1
15	CBR Apparatus California Bearing Ratio Apparatus With Load Frame	1
16	Hot Air Oven Digital	1
17	Constant Head & Falling Head Permeability Apparatus	1

Sr. No.	Major Equipment/Facilities	Number
18	Models Of Doors With Surrounding Frames	1
19	Models Of Window 7 Different Type	1
20	Model Of Stair Case	1

ELECTRICAL ENGINEERING

10.15 C: Laboratory and Workshop

10.15C.1: List of Major Equipment/Facilities in 013A Laboratory/ Workshop

Sr. No.	Major Equipment/Facilities	Number
1	Working Cut section of Single phase Induction motor 1HP, 230V 1440RPM (Without capacitor)	1
2	Working Cut section of Three phase Induction motor 1HP, 415V 1440RPM	1
3	2HP AC 3Phase SCIM with Mechanical loading with Control Panel & 3ph DOL Starter	1
4	Three phase Alternator-Three phase Alternator 415volt. 10 Amp,50Hz. With Loading Arrangement and Installation With 3 phase Induction motor	1
5	2HP AC 415V, 1500RPM Three phase Synchronos Motor-Three phase synchronous motor with loading arrangement and Installation	1
6	2HP AC 3Phase SCIM Double speed type with 2speeds 1440/2800 with change of connections Control Panel 3ph DOL Starter	1
7	Variable frequency drive	1
8	Dimmer 3ph, 5kva with terminal 20 amp	1
9	3 ph inductive load	1
10	Oil testing kit	1
11	Cro gw analog	1
12	Dc motor + alternator with dc source	1
13	3 phase resistive load	1
14	Relay/switch gear kit	1
15	Induction type relay	1