






Index for Labs under
**Information & Communication Technology and
Computer Science & Engineering Department**

Sr.No.	Laboratory Name
1	ICT Project Lab
2	Data Structure and Algorithm LAB
3	Computer Network & Sensors Lab
4	Web Technology LAB
5	VLSI and Embedded Computing
6	Wireless Communication & Computing



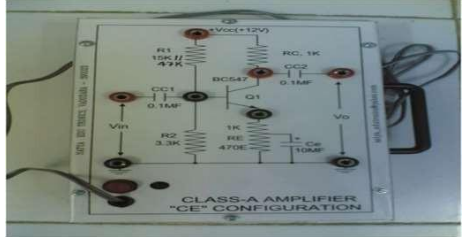
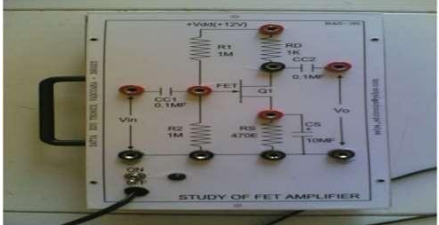

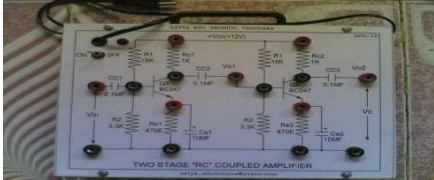
1. ICT Project Lab

ANALOG AND DIGITAL ELECTRONICS LABORATORY

Detailed list of instruments:

Sr. No.	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
1	Analog Oscilloscope (30 MHZ)	5	PDPU/SOT/ICT/ADE/ 2017-18/78/INT/01 TO 05	
2	Function Generators(1HZ TO 10 MHZ)	5	PDPU/SOT/ICT/ADE/ 2017-18/78/INT/06 TO 10	
3	DC Dual Tracking Power Supply (0 TO30 V)	3	PDPU/SOT/ICT/ADE/ 2017-18/78/INT/11 TO 13	
4	Digital Multimeters	10	PDPU/SOT/ICT/ADE/ 2017-18/78/INT/14 TO 23	
5	Soldering and Desoldering Stations	2	PDPU/SOT/ICT/ADE/ 2017-18/78/AUX/01 TO 02	

6	Analog Circuit Development Platform	2	PDPU/SOT/ICT/ADE/ 2017-18/78/INT/24 TO 25	
7	PN junction diode characteristics Trainer	4	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/01 TO 04	
	Zener Diode Characteristics Trainer			
8	Rectifier and Filter Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/05 TO 06	
9	Zener Diode Voltage Regulator Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/07 TO 08	
10	BJT characteristics and Analyzer Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/09 TO 10	
11	FET Characteristics Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/11 TO 12	


12	MOSFET Characteristics Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/13 TO 14	 <p>A circuit board for MOSFET V-I characteristics training. It features a MOSFET with a gate resistor (RG=1K), a drain resistor (RD=1K), and a load resistor (RL=1K). The circuit is powered by a +VDD supply and includes a drain current meter (ID 0-30mA) and a drain-source voltage meter (VDS 0-30V). Other components include a gate-source voltage meter (VGS 0-15V) and a gate voltage source (VGG).</p>
13	BJT Biasing Techniques Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/15 TO 16	 <p>A circuit board for BJT biasing techniques training. It features a BJT with a base resistor (RB), a collector resistor (RC), and an emitter resistor (RE). The circuit is powered by a +VCC supply and includes a collector current meter (IC) and a collector-emitter voltage meter (VCE).</p>
14	BJT CE Amplifier and its Frequency Response Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/17 TO 18	 <p>A circuit board for BJT CE amplifier training. It features a BJT with a base resistor (RB), a collector resistor (RC), and an emitter resistor (RE). The circuit is powered by a +VCC supply and includes a collector current meter (IC) and a collector-emitter voltage meter (VCE). The board is labeled "CLASS-A AMPLIFIER 'CE' CONFIGURATION".</p>
15	FET Amplifier Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/19 TO 20	 <p>A circuit board for FET amplifier training. It features an FET with a gate resistor (RG), a drain resistor (RD), and a source resistor (RS). The circuit is powered by a +VDD supply and includes a drain current meter (ID) and a drain-source voltage meter (VDS). The board is labeled "STUDY OF FET AMPLIFIER".</p>
16	BJT Feedback Amplifier Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/21 TO 22	 <p>A circuit board for BJT feedback amplifier training. It features a BJT with a base resistor (RB), a collector resistor (RC), and an emitter resistor (RE). The circuit is powered by a +VCC supply and includes a collector current meter (IC) and a collector-emitter voltage meter (VCE).</p>
17	BJT Multistage Amplifier Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/23 TO 24	 <p>A circuit board for BJT multistage amplifier training. It features two BJT stages with base resistors (RB1, RB2), collector resistors (RC1, RC2), and emitter resistors (RE1, RE2). The circuit is powered by a +VCC supply and includes collector current meters (IC1, IC2) and collector-emitter voltage meters (VCE1, VCE2). The board is labeled "TWO STAGE 'RC' COUPLED AMPLIFIER".</p>

18	OPAMP Applications Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/25 TO 26	
19	OPAMP Oscillators Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/27 TO 28	
20	OPAMP Active Filter Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/29 TO 30	
21	Astable and Monostable Multivibrator Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/31 TO 32	
22	Decade Resistance Box	2	PDPU/SOT/ICT/ADE/ 2017-18/78/INT/26 TO 27	
23	Decade Capacitance Box	2	PDPU/SOT/ICT/ADE/ 2017-18/78/INT/28 TO 29	



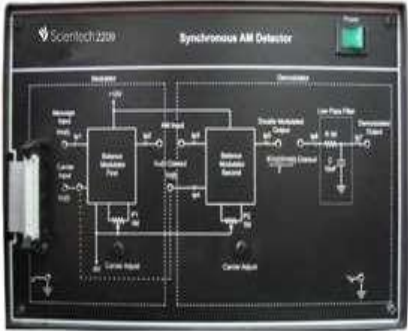
24	Digital Circuits Development Platform	2	PDPU/SOT/ICT/ADE/ 2017-18/78/INT/30 TO 31	 <p>A black rectangular electronic device with a white label on top. It features a digital display, several push buttons, and a breadboard area with various electronic components and wiring.</p>
25	Logic Gates Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/33 TO 34	 <p>A black rectangular board with a white label. It displays several logic gate symbols (AND, OR, NOT, NAND, NOR, XOR) and their corresponding truth tables. The board has multiple input and output pins along the bottom edge.</p>
26	Universal Gates Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/35 TO 36	 <p>A black rectangular board with a white label. It displays several logic gate symbols (AND, OR, NOT, NAND, NOR, XOR) and their corresponding truth tables. The board has multiple input and output pins along the bottom edge.</p>
27	De Morgan's Theorem Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/37 TO 38	 <p>A black rectangular board with a white label. It displays several logic gate symbols (AND, OR, NOT, NAND, NOR, XOR) and their corresponding truth tables. The board has multiple input and output pins along the bottom edge.</p>
28	POS and SOP implementation Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/39 TO 40	 <p>A black rectangular board with a white label. It displays several logic gate symbols (AND, OR, NOT, NAND, NOR, XOR) and their corresponding truth tables. The board has multiple input and output pins along the bottom edge.</p>



29	Adders and Subtractors Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/41 TO 42	
30	Parallel Adder and Subtractor Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/43 TO 44	
31	BCD adder and Subtractor Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/45 TO 46	
32	Encoders and Decoders Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/47 TO 48	
33	Multiplexer and Demultiplexer Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/49 TO 50	





34	Flip Flop Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/51 TO 52	 <p>A black rectangular electronic kit with a white printed circuit board on top. The board features a complex logic diagram with various gates and flip-flops. The text 'Experiment with Address and Buffers' is visible at the top of the board.</p>
35	Counters Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/53 TO 54	 <p>A black rectangular electronic kit with a white printed circuit board. The board is populated with various integrated circuits and components, with a detailed logic diagram printed on the surface.</p>
36	Shift Register Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/55 TO 56	 <p>A black rectangular electronic kit with a white printed circuit board. The board shows a logic diagram for a shift register circuit, with various components and connections visible.</p>
37	Arithmetic and Logic Unit Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/57 TO 58	 <p>A black rectangular electronic kit with a white printed circuit board. The board features a detailed logic diagram of an Arithmetic Logic Unit (ALU) with various gates and registers.</p>
38	A to D converter Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/59 TO 60	 <p>A black rectangular electronic kit with a white printed circuit board. The board is connected to a laptop computer, which displays a software interface for testing the A-to-D converter circuit.</p>

39	D to A converter Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/61 TO 62	
40	Characteristics of TTL and CMOS Gates Trainer	2	PDPU/SOT/ICT/ADE/ 2017-18/78/KIT/63 TO 64	
41	Analog and Digital IC Tester UICTS	1	PDPU/SOT/ICT/COM/ 2017-18/61/INT/02	

COMMUNICATION SYSTEMS LABORATORY





Sr. No	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
42	DSB AM & SSB AM Transmitter Trainer	4	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/01 TO 04	 <p>A black rectangular transmitter trainer kit with a color LCD screen on top. The screen displays various waveforms and circuit diagrams. The front panel features several control knobs, buttons, and a speaker grille.</p>
43	SSB AM & DSB AM Receiver Trainer	4	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/05 TO 08	 <p>A black rectangular receiver trainer kit with a color LCD screen on top. The screen displays waveforms and circuit diagrams. The front panel includes control knobs, buttons, and a speaker grille.</p>
44	Synchronous AM detector Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/09 TO 10	 <p>A black rectangular synchronous AM detector trainer kit. The front panel features a large circuit diagram with various components labeled, including 'Message Input', 'Carrier Input', 'Reference Frequency', 'Synchronous Detector', 'Envelope Detector', and 'Low Pass Filter'. There are also several control knobs and a power switch.</p>

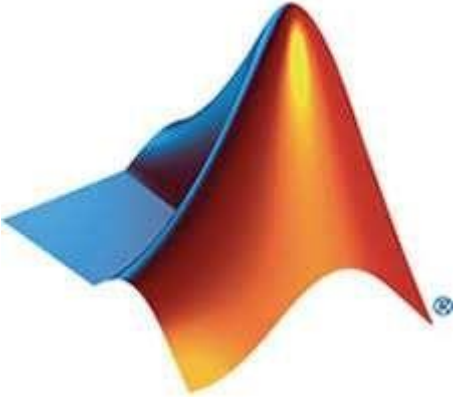
45	FM Modulation and Demodulation Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/11 TO 12	
46	FDM Multiplexer and Demultiplexer Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/13 TO 14	
47	Sampling and Reconstruction Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/15 TO 16	
48	PAM Modulation and Demodulation Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/17 TO 18	

49	PPM Modulation and Demodulation Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/19 TO 20	
50	PWM Modulation and Demodulation Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/21 TO 22	
51	PCM, DPCM, CVSD Modulation and Demodulation Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/23 TO 24	
52	TDM PCM Receiver Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/25 TO 26	

53	TDM PCM Transmitter Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/27 TO 28	
54	Delta, Adaptive Delta and Sigma Delta Modulation and Demodulation Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/29 TO 30	
55	ASK, FSK, BPSK, DBPSK Modulation and Demodulation Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/31 TO 32	
56	QPSK, OQPSK, DQPSK Modulation and Demodulation Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/33 TO 34	

57	MSK, GMSK, FSK, GFSK Modulator and Demodulator Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/35 TO 36	
58	QAM Transmitter and Receiver Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/37 TO 38	
59	Companding A and mu law Trainer	2	PDPU/SOT/ICT/COM/ 2017-18/78/KIT/39 TO 40	
60	Spectrum Analyzer GSP-9300B	1	PDPU/SOT/ICT/COM/ 2017-18/61/INT/01	

61	Digital Storage Oscilloscope DS 1204B	5	PDPU/SOT/ICT/COM/ 2017-18/61/INT/3 TO 7	
62	Mixed Signal Oscilloscope MSO1104Z-S	2	PDPU/SOT/ICT/COM/ 2017-18/61/INT/8 TO 9	
63	Arbitrary Waveform Generator scientech 416	1	PDPU/SOT/ICT/COM/ 2017-18/61/INT/10	
64	Computer Desktop 1 TB HDD ,16 GB INSTALL RAM ,INTEL(R) CORE (TM)i5-6400 CPU @ 2.70 GHZ 2.71GHZ	9	PDPU/SOT/ICT/ICTLAB1/COMP1 TO COMP9	

65	MATLAB R2017a, SIMULINK, Toolboxes: Communication System, Control system, DSP system, Fixed Point Designer, MATLAB coder, Optimization, Simscape, Simscape Electronics, SIMULINK coder	1NETWORK LIECENCE 9		 The MATLAB logo is a 3D surface plot with a color gradient from blue to red. It features a prominent peak on the right side and a smaller peak on the left. A small registered trademark symbol (®) is located at the bottom right of the logo.
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RADIO FREQUENCY ENGINEERING LABORATORY

Sr. No	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
66	Microwave work bench (Klystron Based)	1	PDCU/SOT/ICT/RF/2018-19/21/MWBK/1	
67	Microwave work bench (Gunn Based)	1	PDCU/SOT/ICT/RF/2018-19/21/MWBG/1	
68	Antenna Trainer kit	2	PDCU/SOT/ICT/RF/2018-19/21/ATK/1 TO 2	

69	RADAR Trainer kit	1	PDPU/SOT/ICT/RF/2018- 19/21/RTK/1	
70	MIC Trainer kits	3	PDPU/SOT/ICT/RF/2018- 19/21/MIC/1 TO 3	
71	CST Studio 2019		5 Network User	


2. Data Structure and Algorithm LAB

Detailed list of instruments

No.	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
1	Computer Desktop Processor:intel® core™i5-7500CPU@3.40GHz 3.41GHz RAM:16.0GB System Type : 64 bit Operating System,x64-based processor Hard Disk 1TB	41	PDP/CE/CPLAB1/COMP01 TO 41	


3. COMPUTER NETWORK & SENSORS LABORATORY

Detailed list of instruments




No.	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
1	CISCO 8 PORT SWITCHES	16	PDP/ SOT/ CE/ CNSLAB/ INT/ 01 TO 16	
2	CRIMPING TOOLS	15	PDP/ SOT/ CE/ CNSLAB/ INT/ 17 TO 31	
3	LAN TESTER	10	PDP/ SOT/ CE/ CNSLAB/ INT/ 32 TO 41	
4	INTEL LAN CARD	10	PDP/ SOT/ CE/ CNSLAB/ INT/ 42 TO 51	

5	USB LAN CARD	10	PDPU/SOT/CE/CNSLAB/INT/ 52 TO 61	
6	Computer Desktop Processor:intel® core™i5- 7500CPU@3.40GHz 3.41GHz RAM:16.0GB System Type : 64 bit Operating System,x64-based processor Hard Disk 1TB	15	PDPU/SOT/CE/CNSLAB/ COMP01 TO 15	




4. Web Technology Lab



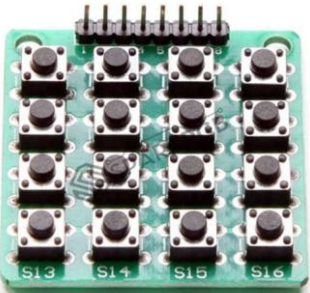

No.	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
1	Computer Desktop Processor:intel® core™i5- 7500CPU@3.40GHz 3.41GHz RAM:16.0GB System Type : 64 bit Operating System,x64-based processor Hard Disk 1TB	34	PDPU/SOT/CE/CPLAB2/COMP01 TO 34	

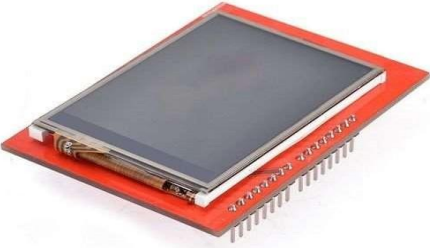


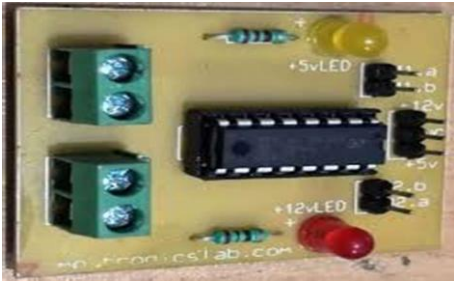
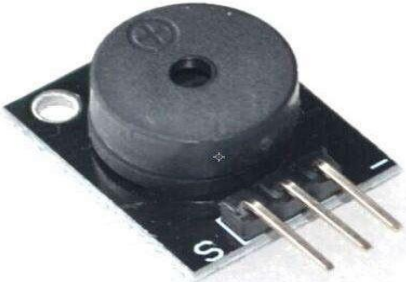
Tinkering equipment's details

. No.	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
1	Fan Control System	1		
2	Dimmer Wi-Fi Light	5		
3	Door Lock Wi-Fi	3		
4	Person in Range sensor with Wi-Fi	7		





5. VLSI and Embedded Computing

Sr. No.	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
1	Digital Multimeter	1	PDP/ICT/EMBEDED/18-19/78/INT/1	
2	Arduino Mega Boards	15	PDP/ICT/EMBEDED/18-19/78/KIT/1 -15	
3	Raspberry Pi 3 Model B Board with Micro SDHC Card	10	PDP/ICT/EMBEDED/18-19/78/KIT/16 -25	
4	Embedded system development board	10	PDP/ICT/EMBEDED/18-19/78/KIT/26 -35	

5	DSP Trainer	2	PDPU/SOT/ICT/DSP/18-19/78/KIT/1-2	
6	8 Switches, 8 LED and 4 digit 7 segment LED display	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/1-2	
7	4X4 Matrix Keypad	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/3-4	
8	LCD Keypad Interfacing Board	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/5-6	

9	2.4 Inch Touch LCD	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/7-8	
10	5V Relay Module Expansion Board	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/9-10	
11	ULN2003 Stepper Motor Driver Board	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/11-12	
12	L293D Based DC Motor Driver Board	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/13-14	
13	Passive Buzzer Module	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/15-16	



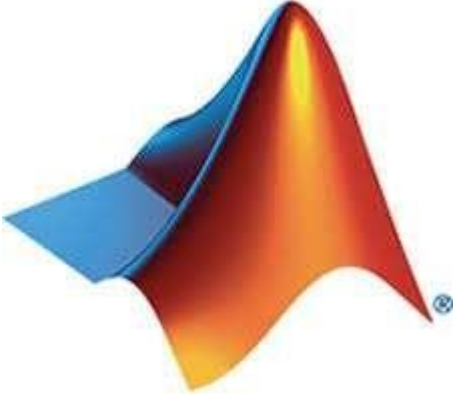
14	5V Stepper Motor Unipolar	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/17-18	
15	DC Motor 3-6 V, 2000 RPM	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/19-20	
16	Shaft encoder (optical) with mounting for DC, servo and stepper motors	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/21-22	
17	16 X 2 LCD	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/23-24	

18	Graphic LCD128*64	2	PDPJ/SOT/ICT/EMBEDDED/18-19/78/MODULE/25-26	
19	Ethernet module	2	PDPJ/SOT/ICT/EMBEDDED/18-19/78/MODULE/27-28	
20	Bluetooth module, RFID, WiFi module	2	PDPJ/SOT/ICT/EMBEDDED/18-19/78/MODULE/29-30	
21	Zigbee module	2	PDPJ/SOT/ICT/EMBEDDED/18-19/78/MODULE/31-32	

22	3axis Gyro, Acceleration, Magnetometer & AirPressure Sensors	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/33-34	
23	IR High Range Optical Proximity Switch	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/35-36	
24	Temperature And Humidity Sensor Module	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/37-38	
25	Temperature Sensor Probe Waterproof	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/39-40	
26	Inductive Proximity Sensor - Magnetic Switch	2	PDPU/SOT/ICT/EMBEDDED/18-19/78/MODULE/41-42	



27	Heart Beat Sensor	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/43-44	 <p>A black PCB heart rate sensor module with a white optical sensor, labeled 'HHHPBC' and 'S2H23354A'. It features a USB connector and various electronic components.</p>
28	Water Level Sensor Module	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/45-46	 <p>A red PCB water level sensor module with a long, thin red probe strip and a red header, labeled 'Water Level Sensor'.</p>
29	Ultrasonic Sensor Distance Measuring Module	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/47-48	 <p>A blue PCB ultrasonic sensor module with two circular sensors, labeled 'CATALEX' and 'HC-SR04'. It has a 4-pin header.</p>
30	PIR Motion Detection Sensor Module	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/49-50	 <p>A green PCB PIR motion detection sensor module with a clear lens and a white sensor chip, labeled 'PIR Motion Sensor'.</p>
31	Raspberry Pi Camera Module With Cable	2	PDP/PU/SOT/ICT/EMBEDDED/18-19/78/MODULE/51-52	 <p>A green PCB Raspberry Pi camera module with a lens and a white ribbon cable, labeled 'Raspberry Pi Camera Module'.</p>

32	Raspberry Pi Mini USB Camera	2	PDP/PU/SOT/ICT/EMBEDED/18-19/78/MODULE/53-54	
33	Speech And Voice Recognition Module (Ready interface)	2	PDP/PU/SOT/ICT/EMBEDED/18-19/78/MODULE/55-56	
34	JTAG Emulator	2	PDP/PU/SOT/ICT/DSP/18-19/78/MODULE/1-2	
35	Color CCD Camera	2	PDP/PU/SOT/ICT/DSP/18-19/78/MODULE/3-4	
36	Fingerprint Sensor and Code	2	PDP/PU/SOT/ICT/DSP/18-19/78/MODULE/5-6	

37	Input voltage pro.kit	2	PDP/ICT/DSP/18-19/78/MODULE/7-8	
38	Computer Desktop Processor:intel@ core™i5- 7500CPU@3.40GHz 3.41GHz RAM:16.0GB System Type : 64 bit Operating System,x64- based processor Hard Disk 1TB	31	PDP/ICT/ICTLAB2/CO MP01 TO 31	
39	MATLAB R2018a, SIMULINK, Toolboxes: Communication System, Control system, DSP system, Fixed Point Designer, MATLAB coder, Optimization, Simscape, Simscape Electronics, SIMULINK coder	1NETWORK LIECENCE 25(clients)		

6. WIRELESS COMMUNICATION & COMPUTING

Detailed list of instruments

Sr. No.	Name of Equipment or Instrument	Qty.	Asset No/ Dead Stock No	Image
1	Computer Desktop Processor: intel® core™i7-8700 8 th generation CPU@3.40GHz 3.41GHz RAM:16.0GB DDR4 RAM 2666 MHZ, 1 TB SATA 7200 RPM Hard Dirk.10 100/1000 Ethernet, NVIDA @GEFORCE @ GT 730 2GB System Type : 64 bit Operating System,x64-based processor	81	PDPU/SOT/ICT/WCC/COMP01 TO 81	
2	Vector Network Analyzer	1	PDPU/SOT/ICT/RF/2019-20/84/INST/01	
3	Soldering and Desoldering Stations	2	PDPU/SOT/ICT/RF/ 2019-20/84/AUX/01 TO 02	