



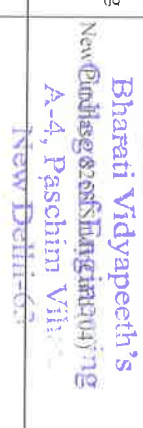
DETAILED LIST OF LABORATORIES & WORKSHOP

Sr No.	Name of Department	Name of Laboratory	Major Equipment	List of Equipments added during previous year
1	APPLIED SCIENCE	Applied Chemistry Lab	2 Dig Bal, 3rd dec place 150g, Conductivity mtr 2, pH Mtr2, Melt pt. Apparatus	Hot Plate and Hot air oven
2	APPLIED SCIENCE	Applied Physics I	Newton Ring Exp., He-Ne Laser, Plank's constant, Spectrometer, Optical Fiber Exp.	Two setups for Plank's constant
3	APPLIED SCIENCE	Applied Physics II	Zener Diode, EM ratio, Charging & Discharging setup, Sterns law setup, Four Probe setup	
4	APPLIED SCIENCE	Engineering Graphics Lab	Graphics Table Set	
5	APPLIED SCIENCE	Environmental Studies Lab	BOD, COD, DO Mtr., Magnet Stirrer	
6	APPLIED SCIENCE	Workshop	Arc welding, Gas Welding, Grinding, Power Hacksaw, Vertical drilling machine, Shearing Machine, Rolling and bending machine, Lathe machine, Milling machine, Shaper machine	
7	APPLIED SCIENCE	Electrical Science Lab	CRO, Function Generator, Bread Boards, AC and DC Voltmeters, AC and DC Ammeters, DC supply, Variae, Transformer, Two way switch kit, multimeters, Wattmeters,	
8	APPLIED SCIENCE	Language Lab	37 Computers (15 10th generation 8 GB ram)	
9	APPLIED SCIENCE	Programming in C	60 Computers (15 10th generation 8 GB ram)	
10	CSE	Computational Methods Lab	20 PCs Configuration: Intel Core 2 Duo, 2.93 GHz, HDD-500 GB, RAM - 2 GB, 19" TFT Monitor, 03 New PCs Configuration: Intel i5, HDD-500 GB, RAM - 4GB, 19" TFT Core, CISCO PACKET TRACER (opensource), 1 Printer WIRESHARK (Opensource)	20 PC
11	CSE	Wireless Communication Lab	20 PCs Configuration: Intel Core 2 Duo, 2.93 GHz, HDD-500 GB, RAM - 2 GB, 19" TFT Monitor, 03 New PCs Configuration: Intel i5, HDD-500 GB, RAM - 4GB, 19" TFT Core, CISCO PACKET TRACER (opensource), 1 Printer WIRESHARK (Opensource)	20 PC
12	CSE	Digital Logic and Computer Design LAB	Software- GNU simulator, 8085, Windows 10/Red Hat Linux, 36-9th Gen. PC, 16 GB RAM 1 TB SDD 21 inch multimedia Monitor, Lenovo, Printer, UPS	01 Printer
13	CSE	Data Structures Lab	17 PCs, Intel Core 2 Duo, 2.90 GHz, HDD-500 GB, RAM-2 GB, 19" TFT Monitor, 16 PCs 9th Gen. PC 16 GB RAM 1 TB SDD 21 inch multimedia Monitor, 01 PC, Intel i5, 1 HP Laser Jet 1022 Printer, Software Turbo C++	01 Printer
14	CSE	Object Oriented Programming Using C++ LAB	14 Intel Core2Duo 2.93 GHz, HDD-500 GB, RAM-2GB, 19" TFT Monitor, 6 Intel i5 PCs HDD-500, 4 GB RAM, Printer HP Laser Jet 1022, TURBO C Plus Plus	01 Printer
15	CSE	Probability, Statistics and Linear Programming Lab	14 Intel C2D PCs, 2.93 GHz 2 GB RAM, 6 Intel Core i5, 2.90 GHz, 4 GB RAM, 19" TFT Monitor, 1 printer, MATLAB	
16	CSE	Database Management System Lab	14 Intel C2D PCs, 2.93 GHz 2 GB RAM, 8 Intel Core i5, 2.90 GHz, 4 GB RAM, 19" TFT Monitor, 1 Printer, Oracle 12c, Python (lupter) Notebook, My SQL	


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17	CSE	Programming in Java Lab	20 PCs Configuration: Intel Core 2 Duo, 2.93 GHz, HDD-500 GB, RAM – 2 GB, 19" TFT Monitor, 03 New PCs Configuration: Intel i5, HDD-500 GB, RAM – 4GB, 19" TFT Core, 1 Printer, Net Bean, C C Plus Plus on Linux (Ubuntu)	
18	CSE	Software Engineering Lab	17 PCs: Intel Core 2 Duo, 2.90 GHz, HDD-500 GB, RAM-2 GB, 19" TFT Monitor, 16 PCs 9th Gen. PC 16 GB RAM 1 TB SSD 21 inch multimedia Monitor 01 PC: Intel i5, 1 HP Laser Jet 1022 Printer, STARUML	01 Printer
19	CSE	Algorithms Design and Analysis Lab	14 Intel Core2Duo 2.93 GHz, HDD-500 GB, RAM-2GB, 19" TFT Monitor, 6 Intel i5 PCs HDD-500, 4 GB RAM, Printer HP Laser Jet 1022, TURBO C Plus Plus	01 Printer
20	CSE	Digital Communication Lab	14 Intel C2D PCs, 2.93 GHz 2 GB RAM, 6 Intel Core i5, 2.90 GHz, 4 GB RAM, 19" TFT Monitor, 1 printer, MATLAB	
21	CSE	Operating System Lab	20 PCs Configuration: Intel Core 2 Duo, 2.93 GHz, HDD-500 GB, RAM – 2 GB, 19" TFT Monitor, 03 New PCs Configuration: Intel i5, HDD-500 GB, RAM – 4GB, 19" TFT Core, Linux(GCC)and Windows (Turbo C Plus Plus)	
22	CSE	Computer Networks Lab	10-Intel- Core i5, 2.90 GHz, 8 GB RAM, 1 TB HDD, 19" TFT Monitor, Printer HP Laser Jet 1020, HP Laser Jet Prop 1108, NS-3	
23	CSE	Web Engineering Lab	14 Intel Core 2 Duo PCs 2.93 GHz, HDD-500 GB, RAM-2 GB, 19" TFT Monitor, 6 New Intel Core i5: 2.90 GHz, HDD-500 GB, RAM-4 GB, 19" TFT Core, 1 Printer, Eclipse, Tomcat server, Netbeans	
24	CSE	Microprocessor and Microcontroller Lab	Software-KIEL(Firmware simulator and 8051 IDE(open source simulator), Windows 10/Red Hat Linux, 36 9th Gen. PC 16 GB RAM 1 TB SSD 21 inch multimedia Monitor, Lenovo, Printer, UPS	
25	CSE	Information Security	Software- C/C++, Windows 10, 24 17 Lenovo Systems, printer, UPS	
26	CSE	Software Testing & Quality Assurance Lab	Software- C/C++, Windows 10, 24 17 Lenovo Systems, printer, UPS, (Turbo C Plus Plus)	
27	CSE	Data Mining and Business Intelligence Lab	Software WEKA (open source), 42 17 Lenovo Systems, Printer, UPS	
28	CSE	POPL (Principles of programming language) Lab	Software-C++- Hardware-24 i7 Lenovo Systems, Printer, UPS	
29	CSE	WIBD (Web intelligence and big data) Lab	Software -C/C++, Ubuntu 14.04- Hardware-42PCs Lenovo, Printer, UPS	
30	CSE	Machine Learning Lab	Software – Python Hardware - UPS, 23PCs i7 Lenovo Systems, Printer	
31	CSE	Mobile Computing Lab	14 Intel C2D PCs, 2.93 GHz 2 GB RAM, 6 Intel Core i5, 2.90 GHz, 4 GB RAM, 19" TFT Monitor, 1 Printer, WINWAP	
32	CSE	Object Oriented Software Engineering Lab	24 (i7) PC , 3.19GHz, 8GB RAM, 1TB HDD, 1 Printer, STARUML	
33	CSE	AI and embedded Lab	STMicroelectronics AI Lab - 10 Seats (Components & Software) a) STM32 ARM Cortex M4 Development Kit: 10 Nos b) STMicroelectronics NanoEdge AI Studio Edu Pack: 10 Users for 3 Years c) Sensors Bundle (Motion & Vibration, Audio, Light, Temperature & Humidity, Ultrasonic): 10 Nos each d) Interfaces & Accessories: (LCD Unit, Micro SD Card, Connecting Wires, USB Cables) - 10 Nos each	STMicroelectronics AI Lab - 10 Kits (Components & Software)


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34	ECE	Data Communication Networks Lab	20 Computers (i5, 6th gen, 4GB RAM) : Printer HP Laser Jet P1108(1)	RAM upgraded from 4GB to 16GB in all computers.
35	ECE	ECE-Digital Logic & Computer Design Lab	UNIVERSAL IC TESTER, Digital IC trainer kit (10), 10 Computer (i5, 6th Gen,4GB RAM), GNU software (open Source)	
36	ECE	ECE-Computational Method Lab	20 Computers (i5, 6th gen, 4GB RAM) : Printer HP Laser Jet P1108(1), Software : Code Blocks (Open Source)	
37	ECE	ECE-Control System Lab	DC MotorSpeedControlKit(2), PID ControllerKit(2), LinearSystemsSimulator(2), Potentiometric Error detector(2), Speed -Torque curves of AC servomotor(2), 20 Computer (i5, 6th gen, 4GB RAM) .Printer HP Laser Jet P1108(1)	
38	ECE	ECE-Analog Electronics Lab -I	Function Generator, DSO, Power Supply, CRO , Multi Meter, 2 channel Digital Oscilloscope, Dual Channel Arbitrary Function Generator, 3 channel 217W Linear DC Power Supply, AFG 1022 Arbitrary Function Generator(4), 22311A-30-3 Manual Triple Channel DC Power Supply(4), Rishabh 410 Multimeter(5), TBS 1052 Digital Storage Oscilloscope(4)	
39	ECE	ECE-Analog Electronics Lab -II	Function Generator, DSO, Power Supply, CRO, Multi Meter, 2 channel Digital Oscilloscope, Dual Channel Arbitrary Function Generator, 3 channel 217W Linear DC Power Supply, AFG 1022 Arbitrary Function Generator(4), 22311A-30-3 Manual Triple Channel DC Power Supply(4), Rishabh 410 Multimeter(5), TBS 1052 Digital Storage Oscilloscope(4)	
40	ECE	ECE- Microwave Engineering Lab	Microwave integrated circuit kit, C-Band Source, Attenuator, Detector, Coupler, Power Supply, VSWR Meter, Frequency Meter, Microstrip Kit, Gunn diode, TBS 1052 Digital Storage Oscilloscope(5), 10 Computers (i5, 6th gen, 4GB RAM), HP Laser Jet Printer 1022(1)	
41	ECE	ECE- Digital Communication Lab	MATLAB 2022 (Licensed), 15 Computer (i5, 6th gen, 4GB RAM) Sciencetech kit for each experiment, Model 2110, model 2151, model ST 2152, model 2153, model 2154, model 2155, model 2156, model 2157, model 2113, Model 2136(5), Model 2151 (2), Model 2153 (2), Model 2154(2), Model 2156(2), Model 2157(2), Model 2155 (2), Model 2113 (2), Printer HP Laser Jet 1018(1)	MATLAB 2022, New Purchase : Model 2136(5), Model 2151 (2), Model 2153 (2), Model 2154(2), Model 2156(2), Model 2157(2), Model 2155 (2), Model 2113 (2), RAM upgraded from 4GB to 16GB in all computers.
42	ECE	ECE- Analog Communication Lab	MATLAB 2022 (Licensed), 15 Computer (i5, 6th gen, 4GB RAM), Sciencetech kit for each experiment ,kit Model 2201, Model 2202 Model 2203, Model 2110,Model 2201(2), Model 2202(2), Model 2203 (2), DSO TBS 1052 C 50 MHz (5)	MATLAB 2022,New Purchase : Model 2201(2), Model 2202(2), Model 2203 (2), DSO TBS 1052 C 50 MHz (5), RAM upgraded from 4GB to 16GB in all computers.
43	ECE	ECE- Digital Signal Processing Lab	MATLAB 2022 (Licensed), 15 Computer (i5, 6th gen, 4GB RAM), Printer HP LaserJet1018(1)	Matlab Software 2022 (UPGRADED), RAM upgraded from 4GB to 16GB in all computers.
44	ECE	ECE- Optical & Wireless Communication Lab	Optical Fibre analog digital trainer kit ST2502(5), Software : Optisim(Licensed-5 user), 13 Computer (i5 6th gen, 4GB RAM), HP Laser Jet Printer P1108(1)	 PRINCIPAL
45	ECE	ECE-Microprocessor & Microcontroller Lab	Microprocesstraining cum development kit (ET-8085LCD)(10 kits) , Stepper motor controller interfacing module(4), Microprocessor training kit (ET-8086 LCD)(No of kits-10), 10 Computers (i5, 6th gen, 4GB RAM) . 8253 Study Card (04), Software: Keil(Open Source) HP Laser Jet Printer 1022(1)	 Bharati Vidyapeeth's New Campus Paschim Vihar New Delhi-65
46	ECE	ECE- Digital System Design Lab	FPGA kits(8), Software: MENTOR GRAPHICS (HEP1, HEP2)(Licensed-60user), Xilinx ISE (open Source) 26 Computer(i7, 10 Gen, 8 GB RAM((9), i5,6th Gen, 4GB RAM(17)), Printer HPLaser Jet M1005MFP	5 Computer Added Total (26)
47	ECE	ECE-VLSI Design Lab	Software:MENTOR GRAPHICS (HEP1, HEP2)(Licensed-60user), 26 Computer(i7, 10 Gen, 8 GB RAM((9), i5,6th Gen, 4GB RAM(17)), Printer HPLaser Jet M1005MFP	5 Computer Added Total (26)

48	ECE	ECE-Signal & System Lab	MATLAB 2022 (licensed), 15 Computer (i5, 6th gen, 4GB RAM), Printer HP LaserJet1018(1)	Matlab Software 2022 (UPGRADED)
49	ECE	ECE-DBMS Lab	26 Computer(i7, 10 Gen, 8 GB RAM(9), i5, 6th Gen, 4GB RAM(17)), Printer HPLaser Jet M1005MFP, Software: MySQL(Open Source)	
50	ECE	ECE-Satellite & Antenna Lab	ST 2272A SATELLITE COMM. TRAINER KIT, Scintech 2261 Antenna Base Unite S.No. C3201908(1)	
51	ECE	ECE-Embedded Systems Lab	UNIVERSAL EMBEDDED TRAINER BOARD ON89C51RD2(08) 10 Computer (i5, 6th gen, 4GB RAM), Software: Keil(Open Source), HP Laser Jet 1022(1)	
52	ECE	ECE-Mobile Computing	Software:QUALINET 5.1(Licensed-5user), 13 Computer (i5, 6th gen, 4GB RAM), HP Laser Jet Printer P1108(1)	
53	ECE	ECE- Project Lab	ZYBO BOARD(1) ZYBO, 2 Zed Board((410-248) &(410-479)), GPU System Dell Precision 5820 Workstation (Intel xeon W-2245/32GB RAM/2TB HDD+256GB SSD/12GB RTX GPU with 3584 cuda cores/21.5" monitor/DVD writer/keyboard & Mouse/3 year Warranty), AFG 1022 Arbitrary Function Generator(1), 22311A-30-3 Manual Triple Channel DC Power Supply(1), Rishabh 410 Multimeter(1), TBS 1052 Digital Storage Oscilloscope(1), SENSENTS KIT,16 Computer (i5, 10 Gen, 8GB RAM), HP Laser Jet Pro Printer P1108(1), Viewsonic Projector (1), Software: Python 3(open source), Matlab 2022(Licensed), GNU 8085 (open source), Keil (open source), LT Spice(open source), Virtual Lab (open source), Google Colab(open source)	15 Computer Added
54	ECE	ECE-Probability, Statistics and Linear programming Lab	20 Computers (i5, 6th gen, 4GB RAM) : Printer HP Laser Jet P1108(1), Software : Code Blocks (Open Source)	RAM upgraded from 4GB to 16GB in all computers
55	EEE	Electronics-I Lab	Diodes, Transistors,thyristors Ics etcPower supply, Function Generator, DSO	
56	EEE	Electrical Engineering Workshop Lab	Electrical Hand Tools, DSO, Bread Board Illumination Panel Kits	Electrical Basic Tools, Conduit wiring Set up, Drill Machine
57	EEE	Computational Methods Lab	14 Computer, TFT Monitor, I -5- processor, HDD - 500GB, RAM -4 GB,MATLAB 2022R.ETAP Software,1 Printer	
58	EEE	Electrical Machines-1	3-phase & 1-phase Induction Motor, Synchronous Motor, Alternator, Direct online starter, DC Shunt Motor, Transformer,3-Point starter, Mechanical Load Set up, DC generator, 2C computer (TFT Monitor, 15 processor, 2.7GHz,SYNCRSCOPE, 8GB/4GB RAM,MATLAB	
59	EEE	Power Systemlab 1	Panel for calculation of ABCD Parameters for a Transmission Line, Ferranti Effect For Transmission Line Apparatus for calculation of Resistance of Earth Using Earth Electrodes and Megger, Panel For calculating Dielectric Strength of The Transformer Oil	
60	EEE	NETWORK ANALYSIS & Synthesis lab (Circuits & System Lab)	Experimental kits to calculate two port network parameter-Z,Y,H & Transmission parameter, interconnection of two 2-port network, MATLAB installed 1 computer	5 digital Power supply and DSOs
61	EEE	Electronics-II Lab	Diodes, Transistors, thyristors Ics etcPower supply, Function Generator, DSO	PRINCIPAL Bharati Vidyapeeth's College of Engineering A-4, Paschim Vihar New Delhi-65
62	EEE	Probability & Linear Programming Lab	14 Computer, TFT Monitor, I -5- processor, HDD - 500GB, RAM -4 GB,MATLAB 2022R, 1 Printer	
63	EEE	Electrical Machines-II	3-phase & 1-phase Induction Motor, Synchronous Motor, Alternator, Direct online starter, DC Shunt Motor, Transformer,3-Point starter, Mechanical Load Set up, DC generator, 2C computer (TFT Monitor, 15 processor, 2.7GHz,SYNCRSCOPE, 8GB/4GB RAM,MATLAB	
64	EEE	Power Electronics Lab	SCR & TRAIAC, MOSFET, IJT, Single phase HWR, Single phase fully controlled, AC phase control, Cycloconverter, Buck and Boost converter, TYPE-C Chopper and SPWM Inverter kit	

65	EEE	Sensors and Transducers Lab	Three Phase Power measurement kit by two watt meter kit, 3 Phase autotransformer, testing of single phase and three phase electromechanical energy meter, measurement of power line parameters using series RLC load, Calibration of ammeter and voltmeter using potentiometer kit, function generator	
66	EEE	Switching Theory & Logic Design Lab	Logic Gates ICs, Flip Flops Ics, MUX and D-MUX ICs, Digital Trainer Kits	
67	EEE	Utilisation of Electrical Energy Lab	1) Phase Energy meter kits, polar curve & inverse low kits, Iron losses kits, power factor meter kits, Transformer turns Ratio kits, Phantom Loading kits and Sibsbee kits	
	EEE	Power System Lab II	Instantaneous Overcurrent Relay, IDMT Relay, Differential Relay, Single Line to Ground Fault	
69	EEE	EEE-Microprocessor and Microcontroller	Microprocessor Kit 8086 (Advanced Version)- 16, Interfacing Modules (8255, 8253, Stepper Module) 3 computers (I-5 processor, 4 GB RAM, 500GB Hard Disk)	
70	EEE	Digital Signal Processing Lab	14 Computer, TFT Monitor, I -5 processor, HDD - 500GB, RAM -4 GB, MATLAB 2022R, 1 Printer	
71	EEE	EEE-Electric Drives Lab	AC Drives, Single and three-phase Microcontroller, DC series Motor, DC shunt Motor, 3 phase & 1 Phase Induction Motor, Experimental set up for study the closed loop control of BLDC Motor MATLAB	
72	EEE	Advanced Control System Lab	14 Computer, TFT Monitor, I -5 processor, HDD - 500GB, RAM -4 GB, MATLAB 2022R, 1 Printer	
73	EEE	Database Management System Lab	14 Computer, TFT Monitor, I -5 processor, HDD - 500GB, RAM -4 GB, MATLAB 2022R, 1 Printer	
74	EEE	Neuro Fuzzy System Lab	14 Computer, TFT Monitor, I -5 processor, HDD - 500GB, RAM -4 GB, MATLAB 2022R, 1 Printer	
75	EEE	Application of Power Electronics in Power Systems Lab	14 Computer, TFT Monitor, I -5 processor, HDD - 500GB, RAM -4 GB, MATLAB 2022R, 1 Printer	
76	EEE	EEE- Research Lab	100 W Solar Panel, Boost Converter, Resistive Load	100 W Solar Panel, Boost Converter, Resistive Load
77	ICE	Modern Control System Lab	Computer Desktop PC-11, Printer 1, MATLAB Software, 10 User License	
78	ICE	Digital Control System Lab	Computer Desktop PC-11, Printer 1, MATLAB Software, 10 User License	
79	ICE	Intelligent System Control Lab	Computer Desktop PC-11, Printer 1, MATLAB Software, 10 User License	
80	ICE	Bio-Medical Instrumentation Lab	Paenaker Trainer Kit, Respiration Rate Monitor Trainer, EMG Trainer, ECG machine, Pulse Oximeter, Blood Pressure Instrument, Biofeedback machine, Spirometer, 12 Channel ECG machine	
81	ICE	Control Systems	DC Motor Speed Control Kit, DC Position Control Kit, AC position Control Kit, Synchro-transmitter/receiver Kit, PID Controller Kit, Linear System Simulator, Lead Lag Compensator, Computer Desktop PC-11, Printer 1, MATLAB Software, 10 User License	
82	ICE	Sensors and Transducers Lab	RTD, Thermocouple, Strain Gauge, Ultrasonic Distance, Pressure Measurement, Optical, Load Cell, Speed Measurement, RTD, Magnetic Pickup, Thermistor, 30MHz CRO, OP-Instrumentation amplifier kit, Desktop PC 2	


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83	ICE	Electrical & Electronics Measurements Lab	Kelvin Bridge, Hay Bridge, Maxwell Bridge, Anderson Bridge, Owen Bridge, Schering Bridge, CT, PT, Trainer kit of VDT, LCR Meter, Digital Frequency Meter, Three Phase Power measurement kit by two water meter kit, 3 Phase auto transformer, testing of single phase and three phase electromechanical energy meter, measurement of power line parameters using series RLC load, Calibration of ammeter and voltmeter using potentiometer kit, function generator, 2 Computer Desktop	
84	ICE	Digital Signal Processing Lab	Computer Desktop PC-11, Printer, MATLAB Software, 10 User License	
85	ICE	Digital Control System Lab	Computer Desktop PC-11, Printer, MATLAB Software, 10 User License	
86	ICE	Digital System Design Lab	Computer Desktop PC-11, Printer, EDA Playground software	
87	ICE	Microprocessors & Microcontrollers Lab	89CS1RD2 development board-10nos, Desktop PC - 9, EMU8086 - MICROPROCESSOR EMULATOR	8086LCD Microprocessor Training Kit Basics-3, 8086 Advanced Microprocessor kit -2
88	ICE	Pneumatics & Hydraulics Lab	Pneumatic Electro Pneumatic, Hydraulics, Electro Hydraulics Package, Software Simulator PLC for Electro Pneumatic Trainer, Air Compressor, Siemens PLC, EasyPort H/W/S/W Interface, Desktop PC9, Festo Fluidsim Software	
89	ICE	Robotics Lab	Modular Production System Festo Siemens PLC Programming, Robot crane, X-Y Plotter 2 Elevator system for smart communication, Balloon Bursting Robot, Line Follower, Encoder kit, Desktop PC9	
90	ICE	Process Control Lab	Cascade control kit, Control valve characteristic kit, Ratio control kit, PID kit, Adam view Kit, NEPI software, D71 Compressor, Desktop PC -9	
91	ICE	Industrial Instrumentation Lab	PH measurement, conductivity measurement, Flow measurement, Temperature measurement, strain measurement, pressure measurement, speed measurement kit	
92	ICE	Virtual Instrumentation Lab	NI data acquisition cards (NI-9472, 9477, 9425, 9219, 9265), PC-9nos,	
93	IT	Digital Logic Computer Design Lab	16 PC (Intel Xeon, 500 GB SSD, 1TB HARDDISK, I-5 12 th Generation, RAM 16 GB, Window 10, Logisim,	16 PC (Intel Xeon, 500 GB SSD, 1TB HARDDISK, I-5 12 th Generation, RAM 16 GB, Window 10
94	IT	Computational Methods Lab	23 PC (Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10), HP Laserjet 1020 Printer, Code Blocks	
95	IT	Data Structure Lab	25 PC (Processor: - 15 Generation: - 12th gen RAM - 16 GB Operating system: - Window 10), Code Blocks, 1 HP Laser 1000A Printer	25 PC (Processor: - 15 Generation: - 12th gen RAM - 16 GB Operating system: - Window 10) 1 HP Laser 1000A Printer
96	IT	Object Oriented Programming Lab	35 PC (Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10), Code Blocks, 1 HP Laser 1000A Printer	1 HP Laser 1000A Printer
97	IT	Database Management system lab	23 PC (Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10), SOFTWARE - MYSQL	
98	IT	Probability Statistics and Linear Programming Lab	12 PC (Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10) MATLAB (R2022b), 1 HP Laser 1000A Printer.	Matlab (R2022b) Licensed upgrade (12 User), 1 HP Laser 1000A Paschim Vihar A-4, Paschim Vihar
99	IT	Circuit and systems lab	16 PC (Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10) MATLAB (R2022b), 1 HP Laser Printer	Matlab (R2022b) Licensed upgrade (16 User)
100	IT	Programming in java lab	25 PC (Processor: - 15 Generation: - 12th gen RAM - 16 GB Operating system: - Window 10), 1 HP Laser 1000A Printer, JDK - open source, Anacanda and Jupyter Notebook - open source, Eclipse 4.23 - open Source	

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101	IT	Communication System Lab	12 PC(Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10)AM Transmitter and Receiver (ST2202).FM Tran. & Rec.(ST2203),MATLAB (R2022b), Digital Storage Oscilloscope, 1 HP Laser Printer	
102	IT	Algorithm Design and Analysis lab	35 PC(Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10), Code Blocks	
103	IT	Software Engineering Lab	23 PC(Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10), Code Blocks, Star UML	
104	IT	Microprocessor and Microcontroller Lab	12 PC(Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10),Microprocessor Kit: 8086 (Advanced Version)- 16, Microprocessor Kit8085, Interfacing Modules (8255, 8253, Stepper Module)-05, Time Division, EMU 8086 - open Source Jubin's 8085 - Open Source	
105	IT	Operating system(linux programming And administration) Lab	35 PC (Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10), Code Blocks 1 HP Laser 1000A Printer, Ubuntu 15 - Open Source	
106	IT	Data communication and networks Labs	25 PC(Processor: - 15 Generation: - 12th gen RAM - 16 GB Operating system: - Window 10), 1 HP Laser 1000A Printer, NS2 (Open Source), NS-2 and NS-3 - Open Source	
107	IT	Web Engineering Lab	25 PC(Processor: - 15 Generation: - 12th gen RAM - 16 GB Operating system: - Window 10), Eclipse, Tomcat server, Netbeans	
108	IT	Dot Net and C# Programming Lab	16 PC (Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10) Visual Studio 2012 - Open Source, 1 HP Laser Printer	
109	IT	System and Network Administration Lab	16 PC (Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10), Ubuntu 15 - Open Source	
110	IT	Cryptography& Network Security Lab	25 PC(Processor: - 15 Generation: - 12th gen RAM - 16 GB Operating system: - Window 10), 1 HP Laser 1000A Printer, Codeblocks - Open Source	
111	IT	Advanced Computer Network Lab	12 PC(Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10), Cisco Packet Tracer, NS-2, NS-3, 1 HP Laser 1000A Printer	
112	IT	Wireless Communication Lab	23 PC (Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10), 1 HP Laserjet 1020 Printer, Wireshark - open source, Cisco Packet Tracer	
113	IT	Mobile Computing Lab	23 PC (Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10), Win Wap, GPS Development-1 Kit, BluetoothTrainer-1Kit, CDMA-2Kit, SpectrumAnalyser-1, GSMTrainerKit-2, MobileTrainer-1Kit, 1 HP Laserjet 1020 Printer	
114	IT	Adoc and Sensor Networks Lab	35 PC (Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10), Code Blocks , NS-2, NS-3, 1 HP Laser 1000A Printer, Ubuntu 15 - Open Source, Code Block open source	
115	IT	Information Theory & Coding Lab	16 PC (Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10)MATLAB (R2022b)	
116	IT	Soft computing Lab	12 PC(Processor: - 15 Generation: - 6th gen RAM - 8 GB Operating system: - Window 10)MATLAB (R2022b), 1 HP Laser 1000A Printer, Python 3.11.0 - Open Source	
117	IT	E-Commerce & M-Commerce Lab	16 PC (Processor: - Intel(R) Xeon (R) E-2224G CPU 3.50 GHz RAM - 1TB Operating system: - Window 10), Apache TomCat server	
118	IT	Project and Research Lab	11 PC: 2 GPU Dell Server Xeon 2125 CPU 4.00GHz, 32 GB RAM, 2TB HDD, 1 cloud server (Processor: - 15 Generation: - 6th gen . . Operating system: - Window 10), MySQL 8.0 - Open Source, MATLAB(R2022 b) - Licensed, Python 3.11.0 - Open Source, R version 4.2.2 - Open Source, Ubuntu 15 - Open Source	1 GPU


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