

1. DESKTOP PC

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
1	REC/PC/1	Desktop PC	intel i7, 8 Gb RAM,1 Tb Hard disk, 18 inch LCD, 1080p , Windows 10, 64-bit, Home Premium or higher, fully updated with firewall enabled, 10/100/1000 Ethernet adapter ,Office 365 (Free - Login with your UCSD credentials	120

2. LAPTOP

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
2	REC/CSE/2	Laptop	intel i7,8 Gb RAM, 1Tb Hard disk, Windows 10, 64-bit, Home Premium or higher, fully updated with firewall enabled, , Integrated graphics, , 10/100/1000 Ethernet, 802.11 A/B/G/N/AC Wireless Adapter, Office 365.	7

3. AIRCONDOTIONER

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
3	REC/PC/3	AC	Blue Star 3CNHW18CAF/U Inverter Split AC/capacity of 1.5 tons./BEE Rating: 5 Star / Usage: Home/ Features: 3M Micro Protection Filter, E Saver Mode, Rotary Compressor/ Noise Level Indoor: 36 DB	10

4. UPS,PLOTTER,PRINTER HEAVY DUTY XEROX MACHINE

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
4	REC/PC/2	UPS	EXIDE 20 KVA On Line Centralized UPS/ Smart-UPS 15kVA On-Line UPS * from Critical Power Supplies. 12 KW / 15 kVA,Input 230V / Output 230V, Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot, Extended runtime model, Rack Height 12 U	2
		A1 Plotter	24" e printer	1
		Printer	All in All laserjet colour/Mixed text/graphics, plain paper /Image (4x6 with border), photo paper	2
		Heavy Duty Xerox Machine	Xerox M/c/Color 570: 70 ppm color, 75 ppm black Color 560: 60 ppm color, 65 ppm black Resolution Print/Copy: 2400 x 2400 dpi Scan: 200 x 200, 300 x 300, 400 x 400, 600 x 600 dpi Recommended average monthly volume 10,000 - 50,000 pages per month Duty cycle 300,000 pages per month Scan speed 50 ppm color/65 ppm b/w in copy mode 50 ppm color/80 ppm b/w in network scanning mode Line Screens 600, 300, 200 and 150 Clustered Dot, 200 Rotated Line Screen	3

		Projector with screen	Epson EB-S31 Projector/Bright output - 3,000 Lumens in both White and Colour Light Output (CLO) Sharp detail - SVGA and 10000:1 contrast ratio Easy set-up - automatic vertical keystone correction Economic - Eco tab setting and automatic lamp dimming function Wireless options - connect via a range of smart devices	2
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5. ROUTER

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
5	REC/PC/4	Router	TP-Link TL- WR1043ND Ultimate Wireless N Gigabit Router	20

6. SERVER

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
6	REC/PC/5	<p>Maximum of 384 GB by using twenty-four 16 GB optional DIMMs, or up to 768 GB of memory with LRDIMM or HyperCloud DIMMs. The standard system can hold eight 2.5-inch HS HDDs. Maximum capacities are based on installation of sixteen 1 TB SAS HDDs with or by six 3 TB 3.5-inch SATA HDDs. Up to two 8-core powerful Intel Xeon™ E5-2600 series processors</p> <p>Twenty-four DIMM (RDIMM/UDIMM/LRDIMM/HCDIMM) slots that enable you to deploy up to 384 GB of DDR3 SDRAM Registered DIMM memory, or up to 768 GB of memory with LRDIMMs or HyperCloud DIMMs, fast memory bandwidth with the ability to run two DIMMs per channel at 1600 MHz with supported 1600 MHz RDIMMs</p> <p>Integrated IBM ServeRAID M5110e on the motherboard, 6 Gbps hardware RAID-0, RAID-1, RAID-10; optional RAID-5, RAID-50, or RAID-6, RAID-60 (model dependent) and up to 1 GB Flashback cache</p> <p>Support for up to 16 hot-swap SAS/SATA 2.5-inch HDDs or SSDs or up to six hot-swap SAS/SATA 3.5-inch HDDs or up to thirty-two 1.8-inch SSDs</p> <p>Highly functional chipset optimized for better application computing for general business workloads</p> <p>Integrated quad Gigabit Ethernet ports for high I/O capacity, plus two optional embedded 10 GbE ports</p> <p>Up to six PCIe 3.0 I/O slots with optional PCI-X and double-width PCIe adapters support, help provide flexibility, greater performance with long-term investment protection</p> <p>New energy-efficient design incorporating 550-watt ac, 750-watt</p>	IBM server	2

7. MATLAB

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
7	REC/ECE/1	Matlab Home	MATLAB Student R2017a 25 users with two toolbox	1

8. LANGUAGE LAB

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
8	REC/LL/2	Language Laboratory Modification	digital smart board full wall palmet front wall arrangement, user are platform- carpet at decking area,digital writing pad for presentation ,specially fabrcated chair-desk arrangements,microphone system for language lab,PVC laminated gypsum ceiling tiles,sound system for language lab,wall hanging projection screen,projection system and accessories	1

9. DTMF TELEPHONE TRAINER

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
9	REC/ECE/4	DTMF telephone trainer	This Trainer based on Microcontroller,	2

10. ECE LAB KIT

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
10	REC/ECE/6	Multivibrator (Astable & Monostable) Trainer Kit	ece lab	2
		Differential Amplifier (Transistorized) Trainer Kit	ece lab	2
		Operational amplifier (Integrator /Differentiator) Trainer kit	ece lab	2
		Sciencetech Operational Amplifier (Adder/Scaler) Trainer Kit	ece lab	2

11. ECE LAB

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
11	REC/EE/4	high pass filter kit	Power supply, filter kit	2
		Transmission line parameter	Panel board	1
		reciprocity theorem trainer kit	Dc circuit trainer kit	1
		Rlc resonance trainer kit	Voltmeter(0-300v,ammter(0-1a)	1

12.EE LAB

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
12	REC/EE/2	Traffic light controller working model,powersupply,flat ribbon cab	Traffic light controller working model,powersupply,flat ribbon cab	2
		Elevator simulator working model ,dc supply ,flat ribbon cable	Elevator simulator working model ,dc supply ,flat ribbon cable	1
		Regulation of three phase alternator by ZPF & ASA method	Alternator set up, MI Ammeter DC (0-2A), DPST switch and TPST switch connecting wires & fuse	1
		Induction generator	2 HP DC motor coupled with 2 HP slip ring motor	1
		Determination of sub-transient reactance of salient pole synchronous machine	1Phase Autotransformer (230/0-270V, 2A), 3 Phase Autotransformer (415/0-470V, 10A)	1
		Over Load characteristics of three phase induction motor	3 phase induction motor (2HP),	1
		Measurement of slip in a Three phase induction motor	1 HP 3 phase Induction Motor, Stroboscope	1
		DC power supply 50 KVA three phase input/two phase output, tolerance $\pm 5\%$	Input side voltmeter, Ammeter for AC side, Output side DC voltmeter, Ammeter	1

13. ME CNC LAB

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
13	REC/ME/2	MUFFLE FURNACE WITH PID CONTROLLER	MUFFLE FURNACE WITH PID CONTROLLER	1
		CNC Universal MILLING CENTRE	CNC MILLING SYSTEM WITH CABINET AND PC-	1
		CNC Lathe Machine	Max.swim over bed 400 mm	1

14. TOTAL STATION

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
14	REC/CE/3	Total station	Total station equipment combination of Electromagnetic Distance Measuring Instrument and electronic theodolite used for Surveying in Civil Dept	1

15. CHAIRS

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
15	REC/CSE/5	Computer chairs	Revolving	150