

1. Library Books

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
32.	DEC/ Library	Books	Books for Mechanical Engg,Computer Sc Engg., Electronics & Communication Engg, Civil Engg., Electrical Engg., Social Sc and Humanities ,Mathematics , Physics ,And Chemistry etc.	86 title and 2212 no of books

2.Desktop

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
1.	DEC/Desktop	Desktop PC	Dell Vostro Model No. 3268 Processor-i5, 7th generation 8GB RAM, 1TB HDD, 1GB graphics card Nvidia, Ubuntu ,19.5" Led monitor	80

3.Online UPS

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
4.	DEC/UPS	Online 20KVA UPS	Three phase Input/single phase output along with input power factor 0.99, true online double conversion DSP technology based UPS, 1 set of 20 nos 65 AH-12 volte SMF battery for each ups system for 30 min back up	2

4. FURNITURE_TEQIP

SL.No	Package Name	Item Name	Item Description/ Specification	Item Quantity
23.	DEC/ Furniture	Furniture	Executive Chair,	12
			Executive Sofa Set,	5
			Executive Table	2
			CONFERENCE TABLE, 10"X6"	1
			Curtain	42pcs
			Floor mat,24ftX56ft	1
			centre table round	2
			centretable regular	4
			Executive office table	3

5.Solid StateLab

SL.No	Package Name	Item Name	Item Description/ Specification	Item Quantity
25	DEC/Solid State Lab	Solid State Lab	Study input characteristics of BJT in common-emitter configuration trainer kit(12V to -12V)	1
			Study output characteristics of BJT in common-emitter configuration for different base currents and hence determine hybrid parameters trainer kit(12V to -12V)	1
			Study output characteristics of BJT in common-emitter configuration and find performance parameters (Voltage Gain, Current Gain, Input Impedance, Output Impedance) trainer kit(12V to -12V)	1
			Study the variation of small-signal voltage gain with frequency of a common-emitter RC coupled amplifier trainer kit(12V to -12V)	1
			Study of drain characteristics and transfer characteristics of a JFET and hence determine the FET parameters (drain resistance, transconductance & amplification factor).	1
			Study the variation of small-signal voltage gain with frequency of a JFET trainer kit(12V to -12V)	1
			Study of C-V characteristics of a Varactor diode by appropriate software trainer kit(12V to -12V)	1
			Study of C-V characteristics of a MOS structure by appropriate software	1
			Study of drain characteristics and transfer characteristics of a MOSFET and hence determine the FET parameters (drain resistance, transconductance & amplification factor). trainer kit(12V to -12V)	1

6. Electrical Machine

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
19	DEC/Electrical Machine	Electrical Machine Lab Equipments	Determination of equivalent circuit parameters of a single phase Induction motor kit	1 set up each
			Parallel operation of 3 phase Synchronous generators kit	
			Active-Reactive power control of an Alternator	
			V-curve of Synchronous motor kit	

7. Electrical Drives Lab

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
16	DEC/Electric Drive	Electric Drive Lab	Endurance Test Setup for MCB and RCCB, Input 380/415V, 50/60Hz, 3Phase 100amp Study of thyristor controlled DC Drive Study of Chopper fed DC Drive , etc Study of AC Single phase motor-speed control using TRIAC Acquaintance with basic structure of DMM and measurement of different electrical parameters	1 setup

8. Power Electronics Lab

S.no	Package Name	Item Name	Item Description/ Specification	Item Quantity
21	DEC/POWER Electronics Lab	POWER Electronics Lab Equipments	PWM bridge inverter using MOSFET as switch with R and R-L load kit	1

9. Circuit Theory Lab

SL.No	Package Name	Item Name	Item Description/ Specification	Item Quantity
17.	DEC/Circuit Theory	Circuit Theory Lab	Transient response of R-L and R-C network: simulation with Hardware kit	3
			Transient response of R-L-C series and parallel circuit: Simulation with Hardware kit	3
			Frequency response of LP and HP filters With Hardware kit	3
			Frequency response of BP and BR filters:Hardware kit	3

10. Analog Electronic Circuits Laboratory

SL.No	Package Name	Item Name	Item Description/ Specification	Item Quantity
28	DEC/Analog Electronic Circuits Laboratory	current mirror & level shifter circuit (using Operational Amplifiers) kit	12V- 0 -12V DC/ 230V AC	2
		Analog and digital breadboard trainer kit	variable dc (Dual 0-30V, @ 500mA) ac(0-5-0 VAC,12-0-12VAC)	2
		Bistable multivibrator using NE 555 kit		12V- 0 -12V DC/ 230V AC
		V-to-I & I-to-V converter (using Op-Amps) kit	12V- 0 -12V DC/ 230V AC	2
		phase locked loop kit	12V- 0 -12V DC/ 230V AC	2
		clipper & clamper kit	15V -0 -15V DC/ 230V AC	2
		voltage regulator kit	15V -0 -15V DC/ 230V AC	2
		full wave rectifier (without and with capacitor) kit	12V- 0 -12V DC/ 230V AC	1
		two-stage R-C coupled amplifier kit	12V- 0 -12V DC/ 230V AC	1

11. Surveying Lab

Sl no	Package Name	Item Name	Item Description/ Specification	Item Quantity
15	DEC/Surveying Lab	Auto Level	32x magnification, 1 mm for 1 km Doublerun Levelling, IP54	2
		Theodolite	Model - 20, Magnification 25x	1
		Total Station	Magnification: 30X, Single Prism: 3000m	1
		Digital Theodolite		1
		Plane Table	75cm×60cm	4