

Notes:

1. Computer Systems, Laptops and Printers will be purchased by Head Computer Science and Engineering Department.
2. All purchases will be made as per GFR.
3. For items which are not available on GeM, purchase will be made through e-tender.
4. Department Heads will immediately upload the specifications and other conditions on e-tender website.

### **PROPOSED EQUIPMENT FOR PURCHASED**

#### **Applied Science Department**

Sr. No	Item Name	Quantity	Remarks
1.	LED Display (Minimum 42") (For Applied Mathematics and Nano Lab)	02	
2.	OTDR (Optical Time Domain Reflectometer)	01	
3.	Optical Receiver for OFT	02	

#### **Academic Cell**

ITEM	QUANTITY	Remarks
1. Latest generation PENTIUM	02	
2. Laser Printer with Scanner with dual side printing facility	01	

#### **Computer Science and Engineering Department**

S.No.	List of Items	Quantity	Remarks
1.	Networking	LS	
2.	Desktops	30	
3.	Printer	02	
4.	Firewall	1	
5.	UPS Batteries	LS	
6.	IOT Research Lab	LS	
7.	Projectors	02	

### Civil Engineering Department

Sr. No	Item Name	Quantity	Remarks
1.	Tile Abrasion Testing Machine with Digital Counter	1 No.	
2.	Testing of Abrasion of Concrete	1 No.	
3.	CAPO (Cut and Pull Out Test Apparatus)	1 No.	
4.	Concrete Pull Out Tester	1 No.	
5.	Ultrasonic Pulse Eco Tester	1 No.	
6.	GDS system	1No.	

### ETV Department

S.No.	List of Items	Quantity	Remarks
1.	LED Monitors Display	1	
2.	Recorder	1	
3.	Storage System	2	
4.	HDI cables	LS	
5.	Smart campus	LS	
6.	Data Recorder System	1	
7.	Laptop	3	

### Electronics Communication Engineering

Sr. No.	Items to be purchased	Quantity	Remarks
1.	Gain Measurement Set-up	05 Nos.	
2.	Hardware Implementation Kits	LS	

### Electrical Engg. Deptt

Sr. No	Item Name	Quantity	Remarks
1	Doubly-Fed Induction Generator (DFIG) based wind emulator (Compatible with OPALRT simulator) 6 KVA rating	01	
2	Instruments and equipment for Energy Management Lab.	01	
3	Computer Systems	16	
4	Microgrid HIL Testbed 3 x HIL604 emulators Main Processor: 3 x FPGA with multicore (8 cores) configurations	LS	

**Hostel**

Sr. No	Item Name	Quantity	Remarks
1.	Desert Coolers	150 Nos.	
2.	Geysers 25 Lt.	10 Nos.	
3.	Computer + Printer + UPS	01 No.	
4.	Dining Chairs (Mess)	100 Nos.	
5.	Mattresses	50 Nos.	
6.	D Freezer (Mess)	01 No.	

**Mechanical Engineering Department**

<u>S. No.</u>	<u>Equipment</u>	<u>Quantity</u>	<u>Remarks</u>
1.	Cryogenic Treatment Equipment	1	
2.	Upgradation of Automation Studio Software	5	
3.	Upgradation of FlexSim Software including interfacing with existing FMS	5 user software + interfacing software & hardware	
4.	CNC Simulation Setup	2	
5.	Contactless Surface Roughness Tester	1	
6.	Calibration/AMC of Digital Hardness Tester	1	
7.	Laptops	3	

**Media Centre**

S. No.	Equipment	Quantity	Remarks
1.	Podium	01	
2.	Microphone	02	
3.	Speakers	01	
4.	Laptop	02	
5.	LED Touch Screen	01	
6.	UPS-5KVA01	01	
7.	Photostat Machine-High Speed	01	
8.	Multimedia Projector (4000 lumens and above)	02	

**CDC Department**

Sr. No	Item Name	Quantity	Remarks
1.	Laptop	03	

**Rural Development**

Sr. No	Item Name	Quantity	Remarks
1.	Computer System	02	
2.	Laptop	02	

**EMGT**

Sr. No	Item Name	Quantity	Remarks
1.	Computer System	05	

**IMCO**

Sr. No	Item Name	Quantity	Remarks
1.	Computer System	01	
2.	Laptop	01	