Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Autonomous Institute Affiliated to Mumbai University)
Munshi Nagar, Andheri (W) Mumbai-400 058

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Annexure-III

PART-A (Computers and Peripherals)

List of Technical Itineraries*	
Item 1: Desktop Computers	**Qty Required: 145**

Sr No	Parameter Name	Technical Specifications
1	CPU	Intel i5(minimum)- 11th/12th gen-Quad-core(minimum)
2	Memory (RAM)	16GB ,DIMM-2
3	Storage	NVME SSD (512GB minimum, 1TB preferred)
4	Connectivity	LAN, USB 3.0 ports, Integrated graphics, Integrated audio, HDMI port, VGA, built-in Wi-Fi.
5	Peripherals	Display monitor (1366x768p resolution minimum, 1920x1080p preferred), keyboard (full size, wired), mouse (3 button, wired)
6	Operation System	Windows-10 Professional and Ubuntu 20.04------125 Units Only and Ubuntu 20.04----20 Units
7	Recommended Brand	DELL/HP/LENOVA/ASUS

Item 2: Desktop Computers	**Qty Required: 40**

Sr No	Parameter Name	Technical Specification
1	CPU	Intel XEON E-2176G V4.7 GHz 12 MB Cache
2	Memory (RAM)	16GB, DIMM-2
3	Storage	NVME SSD (512GB minimum, 1TB preferred)
4	Connectivity	LAN, USB 3.0 ports, 1TB HDD NVidia GEFORCE GTX 1080 With 8GB Graphics Card, Integrated audio, HDMI port, built-in Wi-Fi.
5	Peripherals	Display monitor (1366x768p resolution minimum, 1920x1080p preferred), keyboard (full size, wired), mouse (3 button, wired)
6	Operation System	Windows 10 and Ubuntu 20.04

*The institute reserves the right to modify the requirement lists as and when required.

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Item 3: Laptop		**Qty Required: 15**
Sr No	**Parameter Name**	**Technical Specification**
1	CPU	Intel i3/i5 - 11th /12th gen, Quad-core
2	Memory (RAM)	16GB
3	Storage	NVME SSD (512GB minimum, 1TB preferred)
4	Connectivity	LAN, USB 3.0 ports, Integrated audio, HDMI port, Wi-Fi- v6.
5	Peripherals	-
6	Operation System	Windows 10-Professional
Item 4: Laser Printer		**Qty Required: 16**
Sr No	**Parameter Name**	**Technical Specification**
1	Laser Printer	Canon/HP

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PART-B (Software)

Item 1: Operating System	Qty Required: 30
Sr No | **Parameter Name**	**Technical Specification**
1 | Windows 10	Professional License

Item 2: Intellij IDEA	Qty Required: All Product Pack
Sr No | **Parameter Name**	**Technical Specification**
1 | Intellij IDEA	All Product Pack

Item 3: Proteus	Qty Required: 10 User Perpetual License
Sr No | **Parameter Name**	**Technical Specification**
1 | Proteus	• IoT Builder for Arduino with IoT for Robotics Design and Simulation • 8051 • PIC 18 • ARM-LPC2148

Item 4: Oracle	Qty Required:41
Sr No | **Parameter Name**	**Technical Specification**
1 | Oracle 19C	3rd Edition Client Server

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