Ref. No230: SMVDU/S&P/ITC-PC, Laptop/2023-24/ 414-'18   Date: 16, 08 , 2023

NOTIFICATION

Sub: Specifications of Desktop Computers and Laptops, as recommended by the Internal Technical Committee and approved by the Competent Authority for their purchase in SMVD University.

As recommended by the Internal Technical Committee constituted vide No. SMVDU/S&P/2023-24/303-10, dated:- 24-07-2023, and as approved by the Competent Authority; detailed below are the specifications of Desktop Computers and Laptops, for their purchase in SMVD University:

Desktop Computers

Particulars	Specifications
13th Generation Intel core i5-13400 (20 MB cache 10 cores, 16 threads, 2.50 GHz to 4.60 GHz turbo, 65 W)	
Chipset & Motherboard	Intel Q670 Chipset or higher
Memory	16 GB DDR5, 4800MHz RAM or higher, expandable up to 64 GB or better
Graphics	Integrated Intel® UHD Graphics 700 series compatible with processor or better
Hard Disk Drive	512GB PCIe NVME SSD, with 1TB of HDD
Display	23.8-inch, FHD 1920 x 1080, 60 Hz, anti-glare, TUV Low Blue Light certified non-touch panel, 99% sRGB, 250 nits, IPS, ComfortView Plus
Security	Discrete TPM 2.0 with Chassis Intrusion switch
Keyboard	Wired Keyboard (same make as PC)
Mouse	Wired Mouse (same make as PC)
Networking facility	Integrated Ethernet LAN 10/100/1000 and Intel® Wi-Fi 6 AX201, 2x2, (Gig +) + Bluetooth
Ports & Slots	1 RJ-45 port 10/100/1000, 6 USB ports with minimum 1 USB 3.2 Gen 2 Type-C port, 1 Universal audio jack, 1 Line-out audio port (rear), 1 DP 1.4, 1 HDMI in/out port,1 SD card slot, 2 M.2 slot, 1 Kensington security-cable slot
Audio	Integrated dual Internal speakers (Min. 2W each) and Mic with AI based audio optimization
Webcam	1080p FHD Webcam
Form Factor	All In One Form Factor with Height Adjustable Stand
Operating System	Microsoft Windows 11 Professional 64 bit OS or better
Certification	TCO Certified
	For OEM : ISO 9001 : 2008
Power Supply	160 W internal power supply unit (PSU), 85% Efficient, 80 Plus Bronze
Accessories	To be supplied with required accessories, connecting cables & power cable.
Warranty	3 years On site comprehensive Warranty
AI Based	Performance Improvement Software - Artificial Intelligence Based (Optimizes application performance)

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Laptops

Particulars	Specifications
	13th Generation Intel core i5-13400 (20 MB cache 10 cores, 16 threads, 2.50 GHz to 4.60 GHz turbo, 65 W)
Chipset & Motherboard	Intel Q670 Chipset or higher
Memory	16 GB DDR5, 4800MHz RAM or higher, expandable up to 64 GB or better
Graphics	Integrated Intel® UHD Graphics 700 series compatible with processor or better
Hard Disk Drive	512GB PCIe NVME SSD, with 1TB of HDD
Display	23.8-inch, FHD 1920 x 1080, 60 Hz, anti-glare, TUV Low Blue Light certified non-touch panel, 99% sRGB, 250 nits, IPS, ComfortView Plus
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Warranty	3 years On site comprehensive Warranty
AI Based	Performance Improvement Software - Artificial Intelligence Based (Optimizes application performance)

It is reiterated that no purchase of Desktop Computers or Laptops shall be made unless the above standardized specifications are adhered to. These are valid for a period of two years from the date of issuance of the above notification.

All Schools and Sections may kindly submit their requirement [indents] after ascertaining budget availability, with proper justification, purchase committee recommendations and status of old computers/laptops to be replaced[if any].

This issues with the approval of the Competent Authority.

Registrar

Copy to:

1. Finance Officer, for information.
2. Chairman Internal Technical Committee, for information.
3. All Deans/Heads of Schools/Section Heads, for information and circulation among faculty and staff for strict compliance.
4. AR to VC for kind information of the Hon'ble Vice Chancellor.
5. Concerned File.