



# P.P.N. (P.G.) College, Kanpur

96/12 Mahatma Gandhi Marg, Kanpur -208001

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## ITEMS REQUIRED FOR SMART CLASSROOM

Product/Item*	Specification	Qty*
1. Interactive Smart Board (65") 2. Interactive Smart Board (75")	<ul style="list-style-type: none"><li>• Diagonal Size 163.9/189.3 cm</li><li>• OS Version Android-11</li><li>• Writing Tool</li><li>• Flash Memory Size 32 GB</li><li>• Resolution 3840 x 2160</li><li>• Panel Type ADS Multi Touch IR</li><li>• Brightness 400 nit</li><li>• Contrast Ratio 1200:1</li><li>• Response Time 8 ms</li><li>• Viewing Angle (H/V )178/178</li><li>• Connectivity HDMI, USB, IR, Wi-Fi, Bluetooth</li><li>• Audio In/Out</li><li>• Warranty 2 years and above</li></ul>	3
3. Wireless Android Based Smart Projector	<ul style="list-style-type: none"><li>• Brightness 3600 lumen and above</li><li>• Contrast ratio 20000:1</li><li>• Aspect Ratio 16:10</li><li>• Resolution</li><li>• Connectivity HDMI, USB, VGA</li><li>• Wireless Connectivity Wi-Fi, Bluetooth</li><li>• OS Version Android</li><li>• RAM 2 GB ROM 16 GB</li><li>• Speaker 5W</li><li>• Zoom Ratio 1.1X and above</li><li>• Lamp 200 W, Life Normal 5000 hrs</li><li>• Warranty 2 years and above</li></ul>	3
4. Lectern Podium (Inbuilt Mic, Amplifier and Speaker)	<ul style="list-style-type: none"><li>• Mic 1 Gooseneck</li><li>• Mic 2 UHF Collor</li><li>• Speaker 50W + 50W</li><li>• LED Lamp 1.5 watts</li><li>• HDMI Projector connectivity</li><li>• HDMI Laptop connectivity</li><li>• USB MP3 player</li><li>• Tone Controls Bass/Treble/Balance</li><li>• Warranty 2 years and above</li></ul>	3
5. Green Board	<ul style="list-style-type: none"><li>• Size 10'x4' (in two sections, closet type, inbuilt lock; to cover smart board safely within board)</li><li>• Material Ceramic</li><li>• Frame Wooden</li><li>• Warranty 2 years and above</li></ul>	3

\*The number of item or quantity may change (increase/decrease) at the time of final order.

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## ITEMS REQUIRED FOR COMPUTER LAB

Product/Item*	Specification	Qty*
1. Desktop Computer	12th Gen. Intel Core i3 Processor, 8GB RAM, 512GB SSD, Win. 11 Home OS + MS Office Home & Student, 19.5" TFT, USB Wired Keyboard + Mouse, 03 Years OEM Warranty / equivalent	32
2. Server	Intel Xeon E-2324G 4C, 3.1GHz, 2 x 16GB TruDDR4 RAM, 4 x 2TB Enterprise SATA, Onboard SATA SW RAID, Intel AMT 12.0, 1 Ethernet Ports, ST50 V2 Intrusion Switch Kit, 300W Power Supply Unit, 18.5" TFT, USB Wired Keyboard + Mouse, 03 Years Onsite Warranty / equivalent	1
3. Software (OS)	Windows Server 2022 Standard - 16 Core License (Education)	1
4. Software(Antivirus)	Quick Heal Total Security 10 User/3 User, 3 years	3/1
5. Rackmount Switch	24 Port Gigabit Switch	2
6. Rack	6U 500mm Wall Mount Rack with Accessories	1
7. Connector	RJ45 Connector	100
8. UPS	0.5/1 KVA, MOSFET-PWM, Efficiency 70% (min.), Backup Time 15 min, Battery 1-2 SMF-VRLA	33/17

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