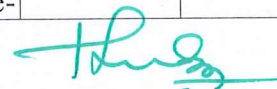


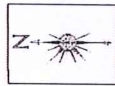


**1.2 List of Standard Equipment for Innovation Lab (Estimated @ Rs 60 Lakhs)**

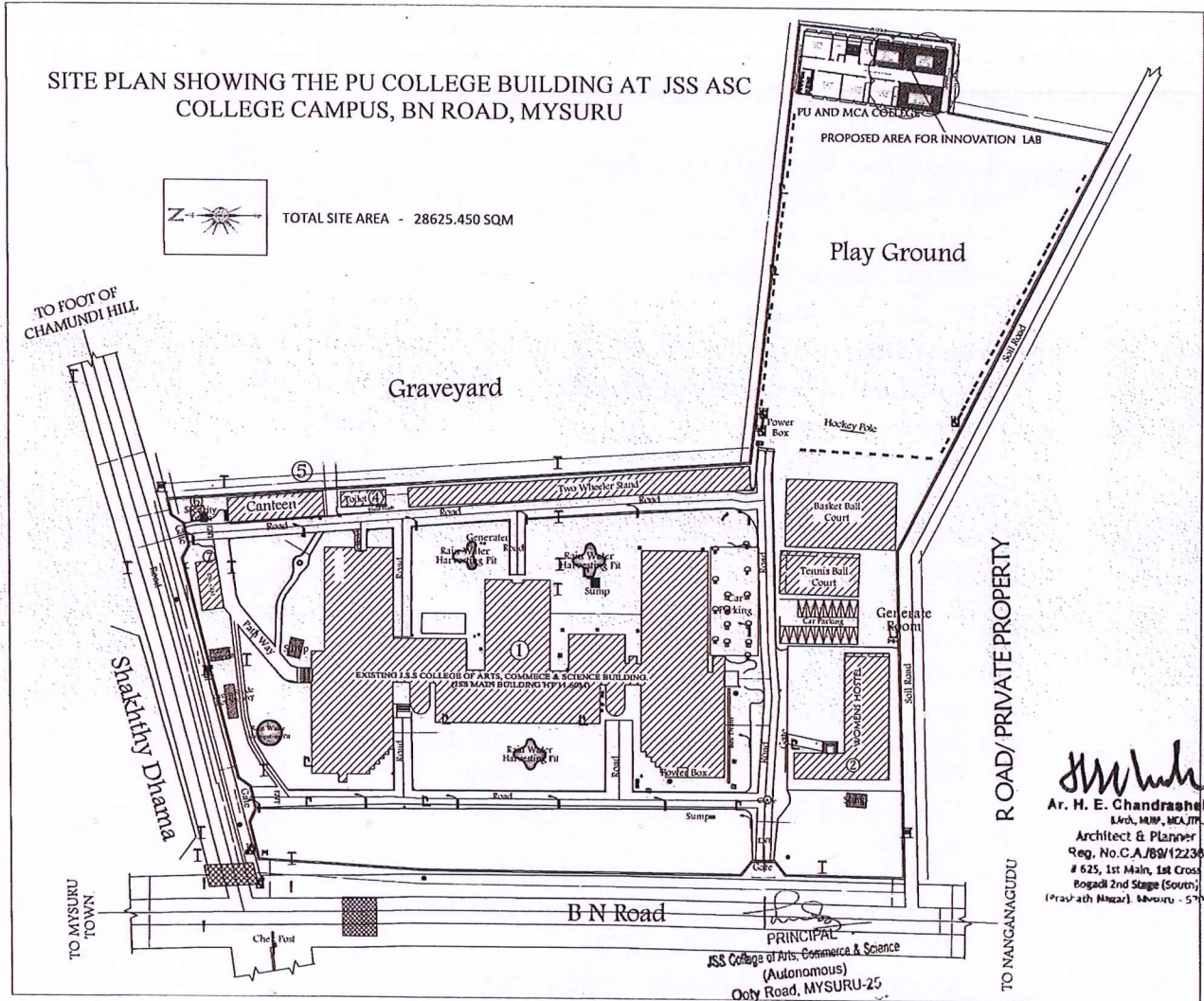
Category	Equipment	Estimated quantity	Approximate Cost (Lakhs)
Prototyping	3D Printer (FDM + Resin): along with service kit and finishing kit (Certifications: CE, ROHS, REACH)	2 (1 each type)	6
	consumables: vinyl roll, cutting blade, laser, 3d printers		2
	Laser Cutter: 80 Watts CO2 + diode	1	10
	3D Scanner + Software • Accuracy: Up to 0.02mm • Range: 5mm to 2000mm	1	2
	Tabletop CNC Machine	1	10
	Vinyl Cutter	1	2
Robotics	6 axis Robotic Arm with 2kg payload	1	1
	Drone Development Kit	4 sets	1
	Modular Robotics Kit	5 sets	1
AR/VR	VR Headsets (Meta/Oculus): Meta Quest Pro Meta Quest 3	1 each	1.5
	Ray Ban Meta Glass	1	0.5
AI/ML	NVIDIA Jetson Orin Nano Super Developer Kit	2	1
	Jetson AGX Orin Developer Kit	2	1
Computers	Laptop Specification 1. Processor (CPU) - Minimum: Intel Core i7 13th Gen / AMD Ryzen 7 6800H or higher. Base Clock: $\geq 3.2$ GHz Cores: Minimum 8 cores / 16 threads 2. Graphics (GPU) Dedicated GPU: NVIDIA GeForce RTX 4050 or higher (Laptop GPU) VRAM: Minimum 8GB GDDR6 3. Memory (RAM) Minimum: 16GB DDR5 Expandable: Up to 32GB 4. Storage Minimum: 512GB NVMe SSD Expandable: Additional M.2 slot preferred 5. Display Size: 15.6 inches or larger Resolution: Full HD (1920x1080) Refresh Rate: Minimum 144Hz Panel Type: IPS or equivalent Color Accuracy: $\geq 100\%$ sRGB preferred 6. Cooling System Dual-fan cooling with heat pipes Intelligent thermal management software 7. Keyboard Backlit keyboard (RGB or single-	6	9

  
Principal

SITE PLAN SHOWING THE PU COLLEGE BUILDING AT JSS ASC COLLEGE CAMPUS, BN ROAD, MYSURU



TOTAL SITE AREA - 28625.450 SQM



ROAD/PRIVATE PROPERTY

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