



THANTHAI PERIYAR GOVERNMENT INSTITUTE OF TECHNOLOGY

VELLORE – 632 002

TECHNICAL SPECIFICATIONS – NVIDIA GPU Cards, LAN Switches

Supply of **NVIDIA GPU Cards, LAN Switches** with the following specifications

Sl.No.	Description	Specification	Quantity
1.	GPU	NVIDIA Tesla V100 NVIDIA Tensor Cores 640 CUDA Cores 5120 GPU Memory 32GB HBM2 Interconnect Bandwidth 300GB/s System Interface NVIDIA NVLink Max. Power Consumption 300W Form Factor SXM2 Memory Bandwidth 900GB/s ECC Yes	2
2.	Rack	42 U 800X1000mm Rack with Front glass door, Rear MS door, Lock and key, with wheels and 2 Nos of 6 socket 5/15 amps power manager	1
3.	LAN Switches and Networking, Installation of AI platform, Virtualisation and Software Installation & Training	L2/L3 Switches	
4.	NVLink to Interconnect GPUs	NV Link 2.0 with 300Gbps Bandwidth	2