

## Intel Unnati Centre of Excellence Research Lab

1. Name, make & model number of the equipment: SUPERMICRO, SYS-7049GP-TRT
2. Thrust area of Research/Domain for which equipment will be useful:  
Intel Server
3. Major uses of the equipment  
Intel Xeon Gold processors are widely used in enterprise environments and data centers due to their high performance, scalability and reliability.  
Some of the major uses are:
  - (i) Data Center Operations
  - (ii) Cloud Computing
  - (iii) AI and Machine Learning
  - (iv) Virtualization
  - (v) Database Management
  - (vi) High Performance computing
  - (vii) Enterprise applications
  - (viii) Networking and security
4. Important specifications of the equipment: Intel XEON GOLD 6240c 2.60ghz [1\*2], CENT OS 8.6 [ROCKY LINUX] and The Vector Engine Cards 2 Nos

