

**TEJASWI HYBRID HPC Facility Usage Policy and Usage Fee Structure is approved by the Committee under the Category: TEJASWI USER CATEGORIES & FEE STRUCTURE to add in the CAIF Portal**

1. **Introduction:** The CUSAT HPC Facility [TEJASWI] provides high performance computing resources to support advanced research in AI, Machine Learning, and Scientific Simulation. To ensure sustainable operation and equitable access, the following usage guidelines and fee structures apply.

2. **User Categories and Fee Structure:** The hourly rate is calculated per user type.

**GPU CHARGES**

OEM	GPU TYPE	Instance Type	GPU Cards/ Instance	GPU Memory	Cat. 01 [Price/ Hour] Rs.	Cat. 02[Price/ Hour] Rs	Cat. 03[Price/ Hour] Rs.	Cat. 04[Price/ Hour] Rs.	
Nvidia	A100 80 GB	A100.80 GB	1	80	90	113	135	180	
Nvidia	A100 80 GB	A100.80 GB	2	2 x 80	180	225	270	360	
Nvidia	A100 80 GB	A100.80 GB	8	8 x 80	720	900	1080	1440	

**CPU CHARGES**

OEM	CPU Type	Instance Type	CPU Cards/ instance	Memory	HDD	Cat. 01 [Price/ Hour] Rs.	Cat. 02[Price/ Hour] Rs	Cat. 03[Price/ Hour] Rs.	Cat. 04[Price/ Hour] Rs.
Intel	Xeon	Skylake 32vCPUs	2	256 GB	960 GB	40	50	60	80

**Cat. 01. Faculty and students of CUSAT (Base Fee Referred to as X)/ SLAB I: CUSAT**

**Cat. 02. Other Academic Institutions (X+X/4)/ SLAB II: Other Education Institutions**

**Cat. 03. Government Organisations (X+X/2)/ SLAB III: Government Organisations**

**Cat. 04. Industries (2 X)/ SLAB IV: Industries**

3. **Allocation & Quota :**

- **Maximum Session Duration:** 48 hours per job ( exceptions granted for long – running training upon request)
- **Storage Quote:** Each user is allocated **960 GB** of storage space per CPU/GPU node. For 8 Node AI/ML, storage can be extend up to 15TB. Data must be removed to external storage within five days of job completion.

4. **Operational Guidelines:**

- **Job scheduling:** All jobs must be submitted via a **Workload Manager**. Running heavy processes on login nodes is strictly prohibited.
- **Fair Use:** Users **must not** monopolize resources. Large-scale jobs (utilizing > 4 GPUs simultaneously) require prior administrative approval.
- **Acknowledgement:** Any publication resulting from the use of this facility must include an acknowledgement: “**The Authors acknowledge the Tejaswi Hybrid HPC Facility at Cochin University of Science and Technology (CUSAT) for providing the computational resources in this study.**”

#### 5. Security & Ethics:

- **Access:** User accounts are personal and non-transferable.
- **Usage:** The facility must be used for academic/research purposes only. Commercial software must have a valid licence provided by the user unless globally available on the cluster.
- **Compliance:** Users must adhere to the university’s IT security policy.