Getting Started with PowerPortal

PowerPortal is a web interface for the TAU HPC cluster. It lets you submit batch jobs to Slurm, monitor running and completed jobs, browse output files, and launch GUI applications — all without using the command line.

What you can do

- **Submit jobs** — fill out a form to configure resources (partition, CPUs, memory, GPUs, time limit) and paste your script. No need to write an sbatch file manually.
- **Monitor jobs** — see live job state, allocated nodes, and exit codes. Poll job output directly in the browser.
- **Save templates** — reuse common job configurations without re-entering every field.
- **View fair-share** — check your group's current usage and priority.
- **Launch GUI apps** — open JupyterHub, VS Code, or RStudio in one click.

What PowerPortal does not do

- It does not replace SSH. For interactive sessions, `salloc`, or file transfers, use the cluster directly.
- It does not manage software modules. Load modules inside your job script with `module load`.

Access

PowerPortal is available at https://powerportal.tau.ac.il. Access requires an active TAU account and membership in the **power** user group. Contact HPC support to request access.

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