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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.

Logging in to PowerPortal

PowerPortal uses your TAU university credentials — the same username and password you use for TAU email and other university systems.

Steps

1. Go to https://powerportal.tau.ac.il.
2. Enter your TAU username (e.g. `jsmith`) and password.
3. Click **Sign in**.

Your session stays active for 4 hours. Activity resets the timer — if you close the browser and return within 4 hours, you will still be logged in.

Forgot your password?

Use the TAU self-service password reset portal: https://pass.tau.ac.il/sspr/public/forgottenpassword. There is also a link to this page on the login screen and in Account Settings.

Access denied?

If your credentials are correct but login fails, your account may not be in the **power** group. Contact HPC support at hpc@tauex.tau.ac.il to request access.

Too many failed attempts

After 10 consecutive failed login attempts from the same IP address, that address is locked out for 1 hour. If you are locked out, wait an hour or contact HPC support to reset the lockout early.

Navigating the Interface

After logging in you land on the **Jobs** page. The navigation bar at the top is present on every page.

Navigation bar

Item	What it does
Jobs	View your running and completed jobs. Staff can also see all jobs on the cluster.
Submit Job	Open the job submission form.
Templates	Manage saved job configurations.
Guide	Link to this documentation.
Usage	View your fair-share score and usage.
GUI Apps	Links to JupyterHub, VS Code, and RStudio.
Username (top right)	Dropdown with **Settings** and **Logout**.

Theme

PowerPortal supports light, dark, and system-default themes. Change it under **Settings** (username dropdown → Settings).

Jobs page layout

The Jobs page has three tabs:

- **My Active Jobs** — jobs submitted under your username, active and recent.
- **Cluster Queue** — all jobs currently on the cluster, visible to staff only.
- **Job Search** — search historical and active jobs by ID, name, user, state, or partition.

Click any job row to open the detail dialog, which shows full resource allocation, the submit host, and buttons to view output or cancel the job.