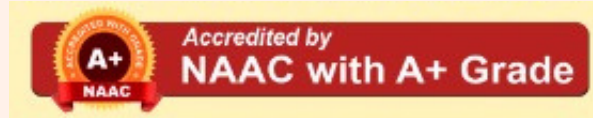




GOA UNIVERSITY



A Multi-Disciplinary Education and Research University (MERU)
organises

TWO-DAY TECHNICAL WORKSHOP

on

SLURM Job Scheduling × NVIDIA RAPIDS Data Science

by

Micropoint Computers Pvt. Ltd.

in collaboration with

Internal Quality Assurance Committee

and

Directorate of Internships, Incubation and Industry Partnership

Register:

<https://forms.gle/843KrWpyNF7SssEw9>

Our Patron:
Prof. (HAG) Harilal B. Menon
Hon. Vice-Chancellor



Date: 18-06-2026 and 19-06-2026
Venue: Goa University Research
Park

Coordinator: Mr. Vishnu Chari, Assistant Professor
Deputy Coordinator: Dr. Arjun Adhikari, Assistant Professor

Programme Schedule

Day 1: SLURM Job Scheduling & HPC Workload Management

Time	Session
09:00 – 09:30	Registration & Kick-off
09:30 – 10:30	HPC Architecture & SLURM Fundamentals
10:30 – 11:00	Morning Tea / Coffee
11:00 – 12:30	Cluster Navigation & First Job Submission
12:30 – 13:30	Lunch Break
13:30 – 14:30	Advanced SLURM: Arrays, Dependencies & GPU Jobs
14:30 – 15:45	Job Arrays, Pipelines & GPU Submission
15:45 – 16:00	Afternoon Tea / Coffee
16:00 – 17:00	Real-World Scenarios & Containerized Jobs
17:00 – 17:30	Q&A, Recap, and Preview of Day 2

Day 2: NVIDIA RAPIDS GPU-Accelerated Data Science

Time	Session
09:00 – 09:15	Day 2 Kick-off & Day 1 Recap
09:15 – 10:15	Introduction to RAPIDS & GPU Data Science
10:15 – 11:15	cuDF: GPU DataFrames
11:15 – 11:30	Morning Tea / Coffee
11:30 – 12:30	cuML: Machine Learning on the GPU
12:30 – 13:30	Lunch Break
13:30 – 14:00	cuGraph: Graph Analytics at GPU Speed
14:00 – 15:30	End-to-End Machine Learning Pipeline with cuML & cuDF
15:30 – 15:45	Afternoon Tea / Coffee
15:45 – 16:30	cuGraph Network Analysis and RAPIDS–SLURM Integration
16:30 – 17:00	Performance Tuning & Production Readiness
17:00 – 17:30	Closing Q&A Session