

SIES Graduate School of Technology

Center of Excellence in High Performance Computing

1. **Vision :**

To develop research and provide high performance solutions to engineering and societal problems

2. **Mission:**

1. To incorporate research initiatives in use of parallel computing in HPC applications.
2. To render parallel Lab services to other organizations.

3. **Goals:**

Short-Term:

1. Attain proficiency in set up and use of cluster computing by taking up online courses.
2. Identify industry Mentors for set up and use of HPC Labs.

Long-Term

1. Conduct short term training programs on use of parallel programming in HPC applications.
2. Set up a HPC cluster and render services to other organizations.

4. Objectives

1. Setup a MPI cluster and run an MPI application to find its efficiency with existing systems.
2. Assimilate the skill of using GPU's in high performance computing through online courses and workshops.