

BEST PRACTICES AT SICSR

Best Practice 1

1. Title of the Practice: Green Computing

2. Objectives of the Practice:

- To have effective use of electronic resources
- To maximize energy efficiency

3. The Context:

The key mission of green computing is to reduce energy consumption. This not only cuts energy costs for organizations, but it also reduces carbon footprints, particularly of IT assets. In addition to the cost savings, green approaches to computing can help organizations on regulatory compliance. Green design of data centers, office space and other facilities that consume high amounts of energy has become a key part of new construction and building upgrades to make them more environmentally sustainable.

4. The Practice:

SICSR is using N-Computing devices in Lab 307 (75 Terminals), Reading Room (13 Terminals) and in all classrooms. N Computing is a desktop virtualization device that uses hardware and software to create virtual desktops (sometimes called zero clients or thin clients) which enable multiple users to simultaneously share a single operating system instance. It leads to the high efficiency and low energy consumption.

5. Evidence of Success

The N computing devices are installed in all the classrooms of SICSR.

6. Problems Encountered and Resources Required

Problems Encountered:

Trainings are required for new users.

Resources required:

N computing devices are required.