Criterion 4 – Infrastructure and Learning Resources

4.1 PHYSICAL FACILITIES

4.1.1 The institution has adequate facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc.

Provision of adequate infrastructural facilities for teaching and learning has always been a priority area for the Institute. The institute abides by the norms provided by AICTE and Savitribai Phule Pune University (SPPU) to provide and enhance the infrastructure required to facilitate effective teaching and learning. The Institute has a total land area of **10.22 Acres** of land which is constructed with robust structures for various academic purposes.

With a foresight of additional intake, addition of new courses and change in syllabus, the institute forwards the requirement like building space, laboratory equipment, books and journals for library, IT resources, etc. to the management. The management reviews the requirements and approves if appropriate and then facilities are created/procured by the standard procedure.

The institute has planned and constructed the infrastructure which facilitates the curricular and co-curricular activities. All the departments are fully equipped with the necessary infrastructure to meet the ever increasing requirements which adequate class rooms, seminar halls, tutorial rooms, laboratories, and sufficient space for hosting all academic activities as shown below.

The Institute has 4 Departments as Applied Sciences, Computer Engineering, Information Technology and Electronics & Telecommunication with **10 classrooms & 28 Laboratories.**

Class rooms: Each classroom is of adequate size and has enough lighting, air ventilation and good ambience. The institution has sufficient number of well-furnished, well ventilated, spacious classrooms for conducting theory classes. Class rooms are equipped with overhead LCD projectors to facilitate the teachers to adopt varied teaching methods. 3 classrooms are also equipped with Smart boards for interactive learning experience.

Laboratories/Workshops: Our institution has **28 well equipped laboratories, 01 Central Computing Facility and 01 workshop** for different departments. The institute has Laboratories with state of the art equipments and machinery for the students to carry out Practical courses, projects and research works. All laboratories are operational, and well maintained not only for carrying out curriculum oriented lab practicals but also to carry out research activities.

Tutorial rooms: **02 Tutorial rooms** are available in institute to conduct tutorial classes to address the personal level doubts and queries of the students.

Seminar Hall: The Institute has 2 seminar halls with public addressing systems; LCD projectors, etc are available. Nearly **350 and 100 members** can be accommodated in the seminar halls respectively. These halls are regularly used for conducting seminars of state and national level at the Institute.

The specialized facilities and equipment for teaching learning and research etc. are available in each department.

Computing Equipments: Institute has sufficient Computing facilities with total 519 computers for staff and students. All computers are equipped with high speed internet of 120 Mbps speed. Cyberoam CR 500iNG-XP Hardware firewall, Cisco SG300-28 Managed Switch and Quickheal are used to provide robust security to computing facilities.

ERP software is being utilized for efficient management of all processes at the Institution. This facility includes admission of student, change of branch, attendance record, as well as academic management etc. Accounts Section, Establishment Section and Student Section and all departments utilize ERP software facilities.

Criterion 4 – Infrastructure and Learning Resources

4.1   Physical facilities:

4.1.1   The Institution has adequate Classrooms, Laboratories, Computing equipment for effective Teaching and Learning-

Computer Laboratory

Communication Laboratory

Classroom

Signals & Systems Laboratory

Web Technology Laboratory