2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

Response:

In addition to traditional teaching-learning methods, the institute is highly interested in providing innovative methods for enriching the learning experience. The methodologies include illustration and special lectures, field study, case-studies, project-based-methods, experimental methods. The facilities arranged by the institute are listed below.

Lecture method:

This conventional method is commonly adopted by all the teachers. This method facilitates the teacher to interpret, explain and revise the content of a text only for better understanding of the subject by the learners. At the end of instruction of each unit, the students are given with specific assignment which enriches their learning.

Information and Communication Technology (ICT) Enabled Teaching:

ICT enabled teaching methods have been made available in the institute. The Teaching-Learning Process is supported with Regular Practical Sessions, access of Digital Library, Online Courses (Soft Skills Training Programme (SSTP),PALS (Pan IIT Leadership Series), NPTEL etc.), online journals, Conducting Online tests, Use of LCD projectors for seminars and workshops, productive use of educational videos, Accessibility of non-print material for students of Computer studies. Communication skills training facility make the students to acquire proficiency in listening, speaking, reading and writing.

Case Study Analysis and Discussion:

The case study method is a participatory, discussion based way of learning where students gain skills in critical thinking, communication, and group dynamics. Appropriate integration of case studies in chosen subjects is arranged by all departments. Project–based Learning: Project work is mandatory for all the courses offered at the institute. The period of implementation spans from one to two semesters. The effective phases of survey, case study,

implementation, testing and report writing ensure the required project–based learning among the students. Some subjects are augmented with learning through implementation of mini-projects.

Experiential Learning:

The faculty members foster learning environment by engaging in rich experiential content of teaching through experimentation, demonstration, visual aids, periodical industrial visits, organizing exhibitions as well as presenting papers. Student Seminar: The Student seminars are mandatory in all programs offered at the institute. Usually, students present seminar on contemporary topics as well as state-of-the-art technologies.