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

**Response:**

The faculty members are well trained to adopt student-centric approach in their class rooms. It is a regular practice of IQAC to organize orientation and skill training programmes for the faculty members before the commencement of the semester to enhance their pedagogy of teaching.They are given orientation on the RBT (Revised Blooms Taxonomy) structure that focuses on outcome based education (OBE). It is a department practice to prepare the Programme outcomes, Programme specific outcomes and course outcomes and  lesson plans on a common format and submit them to the CoE's office after due scrutiny in the respective departments by the subject experts and HoD. Due to technological development incredible changes have taken place in the teaching learning process.

For the welfare of the students, the teaching methodologies are made more student-centric rather than teacher-centric. Every student has his/ her own learning practice based on their preferences. The conventional chalk and talk method of teaching is generally followed as the main mode of teaching as it permits an in-depth exposition of the syllabus. Moreover, it is supplemented with information and communication technology (ICT) tools such as LCD projectors, language laboratory, Smart Classrooms (with interactive boards) and Wi-Fi connectivity.Besides the lecture method, group discussion, role plays, subject-based quizzes and assignments, open book tests etc. are followed in order to make interactive and participative learning more effective.

**Experiential Learning**

By doing experiments on and off the fields, students clearly understand the scientific fact. The college adopts methods for experiential learning such as Practical Courses and Hands on training which are prominently handled by faculty members. These activities strive to improve the learning of the students.  The following experiential learning methods are adopted:

- Labs are equipped with scaled models and illustrative charts.
- Field projects and internships
- Field/industry visits for survey
- Language Lab with audio visual learning.
- Mock press to develop the skill of questioning and listening
- Demonstration for conceptual clarity
- Poster presentation, creating and including video clips
- Virtual labs
- Models and exhibits to promote creativity
- Book review, exhibitions
- Movie making

**Participative learning:**

International, National and inter/ intra collegiate events are organized by the departments. Students are encouraged, motivated and guided to work in a team. Every year, Trade fairs are arranged in the campus for the students to exhibit their marketing skills. Hence the college adopts the following participative teaching methods:

- Role plays for conceptual clarity and participative approach.
- Guided group discussion to promote communication ability, generate ideas, interpersonal skills.
- Every department organizes at least one expert lecture/ workshop in a semester exposing the students to industrial practices
- Students are sponsored to participate in national and international technical competitions/conferences where they have won many a laurel
- Online selection of preferred faculty for the non major courses
- Mock interviews
- Panel discussions to present ideas
- Puzzles, Drama, Debates, Games
- Group Projects
- Group Assignments
- Industrial Visits
- Internship
- Field Visit

**Problem solving skills:**

Problem solving involves memory, knowledge, application, top down and bottom up approach as which facilitates the students to learn the concept in a deeper sense. Students are given assignments based on problem solving. For each semester, students have to submit 2 assignments that can also be added in the internal assessment mark. To establish the inner talents of the students, programmes like drama (both in Tamil and English), verse writing, drawing, Ad-act and Photography competitions are conducted. Quarterly Newsletter and Monthly Magazines provide the scope for exploring their imaginative and creative skills. Club and association activities are also arranged to develop creativity.

Students are motivated to involve in:

- Mini Projects
- Major Projects
- Tutorial hours in courses to hone the problem solving skills
- Debugging
- Club Activities

- Creative Learning
- Case studies to develop problem solving skills
- Brain storming to generate ideas
- Mind-mapping
- Data mining Logic approximation