

## STUDENT CENTRIC METHODS, SUCH AS EXPERIENTIAL LEARNING, PARTICIPATIVE LEARNING AND PROBLEM SOLVING METHODOLOGIES ARE USED FOR ENHANCING LEARNING EXPERIENCES

### 2.3 - Teaching- Learning Process

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

During the Academic year 2020-2021, experimental learning, participative learning and problem solving methodologies are practiced through online mode. For teaching and learning methods, both students and faculty members are using the different apps like Google Meet/Zoom interface, Duo, Webex, Skype etc. The institution focuses on the following teaching and learning approaches.

#### **Experimental Learning**

Duration for each laboratory and all academic course, the students are divided into batches, each batch consisting of 8 - 10 students. The college is providing different student-centric learning methods to improve the student's learning ability; these include Minor projects, major projects, Internships, Hands on Training Programe through online and offline etc. We have encouraged the students and their internships in industries to get real industry exposure. Students are advised to join the value-added course and certificate course to enhance their knowledge. Students are motivated to take part in the Entrepreneurship development cell, Training, and placement cell to promote their employability skills. The college had signed MOU with the industries to promote collaborative learning. Due to the COVID-19 pandemic situation, the online learning experience is promoted through ICT tools, PowerPoint presentations, Smart class rooms, and AV conference hall by the faculties.

#### **Participative Learning**

Students are attending communication skill training programmes for improving themselves as well as improve their oral and written communication. The college is motivating participative learning by inviting industry experts, academic experts, scientists and alumni to interact with students. Students participate in different types of quiz, group discussions and seminars. Students were involved in organizing seminars, workshops and conferences so that their organizational skills are exhibited. Suggestions are obtained from the outgoing students in designing the curriculum and act as members of Board of Studies.

#### **Problem Solving Methodologies**

In Computer Science programme, problem solving methodologies like literature survey, gap analysis are part of the curriculum which enables the students to identify the problem and offer solution through the projects. Students are encouraged and awarded for exhibiting their problem-solving methods following in our institution. In many activity programmes, which means projects are a part of curriculum where they identify problems and solve them.



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