2.3.2. **Teachers use ICT enabled tools for effective teaching-learning process.**

The lush green campus of Prathyusha Engineering College is a Wifi enabled campus with an internet speed of 100 Mbps. In addition, the college has a well equipped digital library to access various resources under various disciplines. The students are also facilitated with various ICT enabled tools across the departments to upgrade their knowledge on par with the demands of the industry and recent research trends.

The tools used in common are Kahoot for conducting Online Quiz, Google Classroom is created for all the courses where assignments are posted and Critical Multiple Choice Questions are posted where the analysis is done immediately and responses are made transparent to the students as well as the faculty that will enable the students to prepare well in the course.

Virtual Labs are also conducted for a few laboratories that are associated with Simulation Tools and to visualize the practical concepts of the theory they learn. The students are also practiced to practice their codes on online compilers such as Hacker Rank and Skill Rack which accelerates their critical thinking capabilities and speed of coding with smart codes. Mathematical subjects are taught to the students through Jam Board in Google meet to make them understand each step clearly. Flipped classroom teaching is also pursued in the college to strengthen the self learning abilities and also to stimulate creative thinking during discussion in the class on their applications.

Power Point presentations are specially designed and developed by the individual faculty on their courses to make the learning easy for the students.

Online Webinars are arranged for the students to enable interaction between the technical resource persons and the students. The students are encouraged to undertake Coursera and NPTEL courses relevant to the courses in the curriculum to strengthen their knowledge in a specific area.

There are 56 technical clubs spread across all the departments. The faculty also are dedicated trainers in various technical domains of technical clubs to impart technical training to the students in specialized domains beyond the curriculum.

Hence the students are provided with ICT enabled pedagogy to improve their learning styles and for a better learning experience.