

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

In SIESGST, the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed wifi connection. The faculty at SIESGST use various ICT enabled tools to enhance the quality of teaching-learning like-

1. Google classroom is used to manage and post course related information- learning material, quizzes , lab submissions and evaluations, assignments, etc.
2. Virtual labs are used to conduct labs through simulations.
3. Online drawing tools like concept maps, mind maps, are used to perform student centric activities.
4. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.
5. The online learning environments are designed to train students in open problem-solving activity.
6. Media lab facility is used to create video lectures and upload in appropriate platforms for students to use as extra learning resources.
7. Lab manuals are mailed to students well in advance the experiment is performed.
8. Online quizzes and polls are regularly conducted to record the feedback of the students.
9. IIT Virtual lab(SQL Lab-Sem III) is used for creating multiple students accounts where faculty can check the individual practicals performed by students.
10. Online tool called Padlet Dashboard (DMS-Sem III) is used where faculty can monitor students uploading the individual tasks such as solving a problem (hand-written / hand-drawn) assigned during lecture. ( <https://padlet.com/bushrask/Bookmarks> )
11. The padlet is used among faculty to collaborate on certain topics, for example “Problems faced during online teaching-learning” where the problems faced during online teaching were posed by some faculty and solutions were suggested by others. (<https://padlet.com/SIESGST/3y7ffk16vi2bsfvx>)
12. To teach mathematical subjects in online mode, teachers have used various online tools like- whiteboard in Microsoft teams, Jamboard in Google meet, etc.