# SHANMUGANATHAN ENGINEERING COLLEGE
## (An ISO 9001:2015 Certified institution)
## ARASAMPATTI- 622507

# ICT enabled tools for effective teaching-learning process.

- The institute always strives to make the latest Information and Communication Technology (ICT) infrastructure available for use by its students, faculty, and technical staff members in the campus. The learning experiences of the students are enriched with the latest state-of-the-art educational technologies used by the teachers and by adequate use of the ICT enabled tools to its optimum level for making the teaching-learning process effectual.

- Information and Communications Technology (ICT) can impact student learning when teachers are digitally literate and understand how to integrate it into the academic curriculum. ICT supports, enhances and optimizes the delivery of content. Students who are continuously exposed to ICT have better exposure, presentation skills, and innovative capabilities and are ready to take more efforts into learning as compared to their counterparts.

- Smart classrooms pave a way for learning and understanding the curriculum with ease. Each department has one smart classroom, provided with LCD projector, a computer with internet connection and smart board. Workshops and guest lectures are conducted here for effective learning. Staff members use the smart class room to take lectures with the help of photos, maps, graphs, flowcharts and animated videos.

- Use of smart classrooms makes learning more interesting and easy to understand. The presentations are directly shared with all the participants. The students are encouraged to take seminars which include application oriented and technically upcoming topics. Besides printed books and journals, the library subscribes to a large number of e-journals in the field of Engineering, Science, and Management with facilities for accessing online and offline databases.

- NPTEL Video lectures and many other renowned educational websites are available offline in the college library and could be accessed by the students from the laboratories. This will allow them to think and learn practically rather than just grabbing theoretical facts.

- Google Classroom is used to streamline the process of sharing files between teachers and students, which makes learning much more interactive when compared to other common methods. The students submit assignments through the app which can be graded by the course handling faculty.

- Faculty also form groups with the students of the class (through mobile apps like Whatsapp) and share the necessary course materials like course lecture notes, assignment topics, course schedules, question bank etc. This also forms a very convenient, interactive and fast method of communication. Students can also message the faculty individually and clarify their doubts. Students are encouraged to attend Technical webinars, to gain more knowledge in subjects. E-journals can be accessed in our digital library, which boosts the confidence of the students in publishing and presenting a paper in intra and inter level symposiums, and also in National/International conferences.

- The placement cell is ICT enabled by means of which students can be given placement training programs by the industrial experts. Model online exams such as www.testseries.edugorilla.com/, TCS Codevista are conducted which help to equip the students for placements.