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

**2.3.2 Ans:**

The faculty employs ICT enabled teaching learning methodologies and cutting-edge technology for content delivery and learning. The institute has the necessary resources to provide learners with an interactive, engaging, flexible, and convenient ICT-based learning environment detailed as below.

* Class rooms and Seminar halls are equipped with LCD/DLP projectors, internet/Wi-Fi connectivity and portable public address systems for delivery of digital/multimedia contents.
* Faculty utilize ICT tools to teach course content using innovative pedagogy techniques such as Power Point Presentations/Google Slides, animations, info graphics and videos, and YouTube channels.
* Learning management system (Moodle), Microsoft Teams and Google Classroom are used to provide assignments and for sharing the learning resources.
* Various e-learning resources employed include subject specific web resources, Swayam/NPTEL platform, MOOC platforms. Students successfully completed various MOOC certifications under SWAYAM-NPTEL and Coursera learning platform.
* The institute's central library is equipped with multimedia PCs, internet access, and access to an institutional repository of class notes, video recordings containing demonstration of the laboratory experiments, e-Books, e-Journal subscriptions, an audio-visual section and a library OPAC system.
* The institute is nodal centre for “Virtual Labs” in association with IIT Bombay, under the NMEICT initiative of Ministry of Education for practical. During the Covid-19 pandemic, this added a new dimension to course delivery.
* The soft skill development practical are conducted in dedicated language laboratory with Spoken Tutorials, Orell software and web resources.
* A separate Japanese Language Learning centre (SAKURA) with smart interactive display facility is established in the institute.
* Invited expert talks, training programs, workshops and webinars are conducted regularly using ICT facilities.
* A dedicated Swaayam Prabha Channel facility is made available for students and teachers in seminar hall.