Teachers use ICT enabled tools including online resources for effective teaching and learning process.

The University has sound practice of expanding the teaching-learning process beyond the confines of classroom. Information & Communications Technology (ICT) enabled advanced teaching methods are being followed. The Wi-Fi-enabled campuses encourage blended learning by providing access to websites containing e-learning resources. Physical and Digital study materials, notes and e-journals are provided to students. Self-paced learning sessions are made available for the students. High Speed Internet connections are available in libraries which enhance the scope of e-learning. Orientation given by the library staff helps in optimum utilization of library facilities and resources.

Students are encouraged to use MOOCs platforms like SWAYAM. Faculty members integrate multimedia content in pedagogy. Department Specific Online Course on International Certification is included in the curriculum to enhance the knowledge and skills. Centre of Excellence in Emerging Technologies is established at Engineering College which aims to equip students with latest technologies and international certifications in emerging technologies from Amazon, Microsoft, Cisco, Festo, and Red Hat.

The University has subscribed to e-library database which provides additional research and academic databases, e-journals, magazine subscriptions, E-Books for libraries. The libraries of the constituent units have a host of e-journals which cater to the demands of graduate and postgraduate students, research scholars and faculty members. University and College Digital Library are made accessible for all students to access digital resources, both during lockdown and offline classes.

1. Multimedia projectors and high speed Internet are adding to innovative teaching methods.
2. Infrastructural facilities are available in all the departments to support Video conferencing and webinar.

Public platforms like Google Groups, Google Meet, Zoom and Teachmint have helped in two-way communication between faculty and students. Study materials and assignments are shared through these platforms. WhatsApp groups are created for each class in each department which enables fast communication and exchange of information between faculty members and students. During the Pandemic the University migrated to:

1. Google Classroom
2. Zoom
3. Teachmint
4. Cisco Webex
5. Google Meet
6. MOOCs

3. All the departments of the University have an adequate number of LCD projectors to facilitate better learning environment.
4. Arrangements are made for audiovisual learning and video presentations.

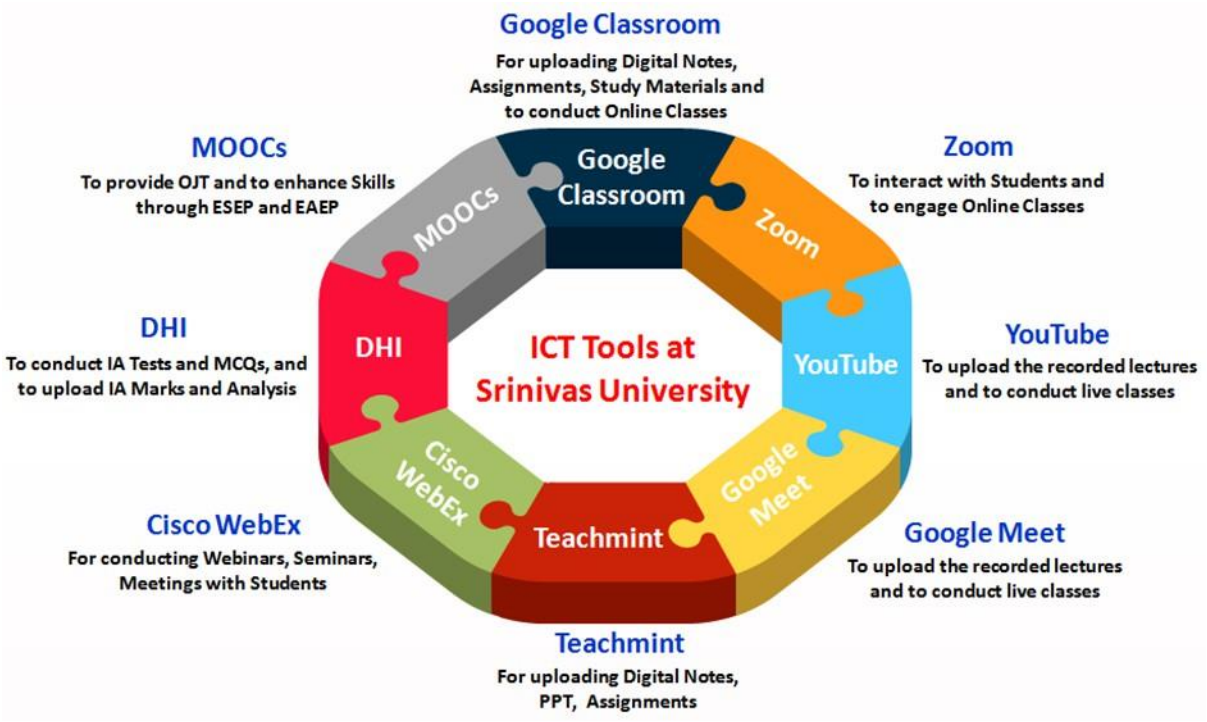

Figure 2.7: ICT Tools at Srinivas University

DHI Database Management System was exclusively customized for the University which covers the entire spectrum of activities; right from the time the student joins to the course till the issue of the degree certificate. DHI includes:

1. List of subjects
2. List of students
3. Lesson plan
4. Time table
5. Attendance summary
6. Internal assessment question papers
7. IA marks
8. Analysis of results.

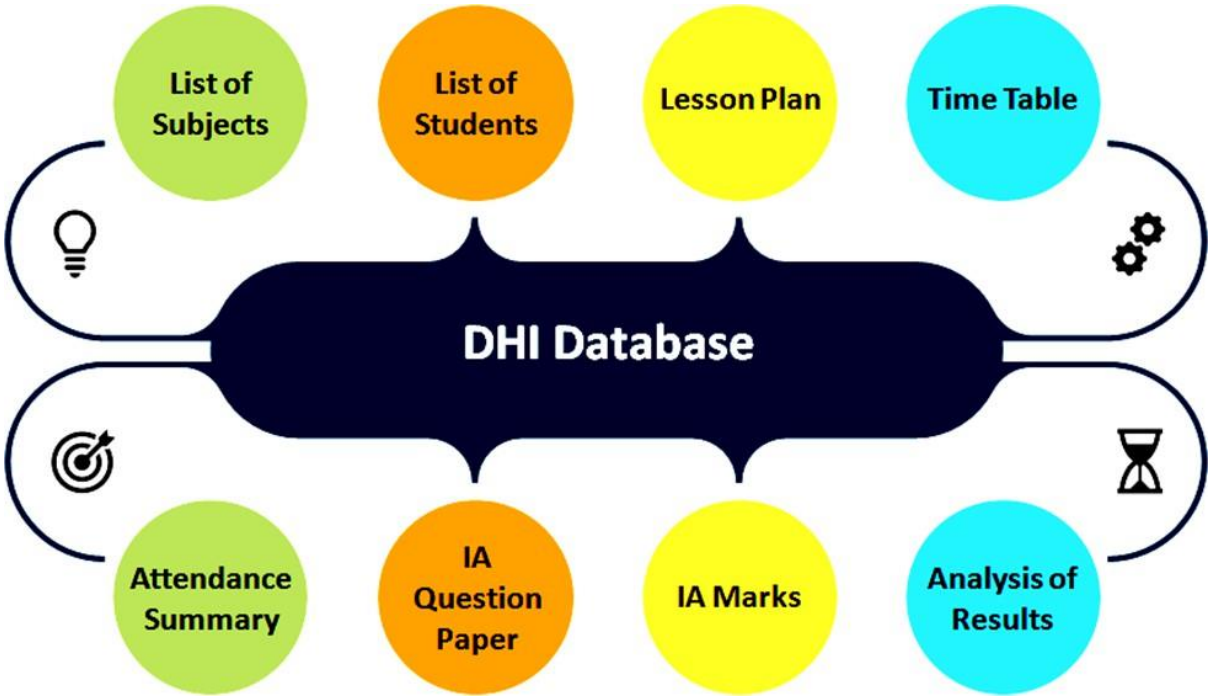

Figure 2.8: Various Educational ERP facilities

Latest technologies and facilities used by the faculty and students for effective teaching are:

- Computer aided teaching methods through power point presentations, videos, and
- other e-contents Animated videos
- MOOCs and Blended MOOCs Digital
- platforms
- Simulation's Software: The University has procured the required software packages for all the departments to facilitate learning these courses through various simulation software. Some of such application software helps to design civil structures, mechanical parts, and machines, electrical/electronic products, etc. Students learn the design courses effectively in lab sessions and project work using tools namely AutoCAD (Civil & Mechanical), ANSYS (Mechanical), STAAD Pro (Civil), ETabs (Civil), MATLAB, SPSS (MBA), Python, and many more.

Digital Library- University has subscription to all databases and has access of library