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

The following ICT-enabled tools/techniques are used for effective teaching, learning, and evaluation process

a) Google Classroom: The institute availed G Suite Enterprise for Education edition, which allowed recordings of online sessions taken by faculty to all the students.

b) Moodle: Institute conducted training for the faculty on Learning Management Systems using Moodle. This help to share teaching material as well as attempt Quiz, games, assignments, and mark attendance.

c) Youtube channel: Faculty record their videos using screen-cast tools. The recorded videos are shared with students.

d) Institute has a provision in the curriculum for students to enroll in MOOC courses conducted by NPTEL/ SWAYAM/ COURSERA.

e) Virtual Lab: Institute provides a facility for remote access to simulation-based Labs.

f) Institute provides digital content to the students through the digital library. It is available through remote login of Web-OPAC.

g) Institute has made the software available to the students for a better understanding of concepts. Such as MATLAB, Xilinx, NASM, Android, Java Eclipse, Python, Delta-V, SCADA, Solid works, Automation Studio, ANSYS etc.

h) Video clips and Animation: Some courses include complex concepts that are difficult to understand without visualization. Such visualization can be achieved by using multimedia tools like animation and video clips.

2.3.4 Preparation and adherence of academic calendar and teaching plans by the institution.

At the start of the academic year, the institute prepares the semester-wise academic calendar for all undergraduate and postgraduate programs. It is approved by the Principal and released by the dean of academics. The academic calendar is displayed on the notice board as well as on our college website before the commencement of classes.

The academic calendar majorly consists, of dates of start/end of the semester, in-semester and end semester examinations, summer term, holidays, etc. The academic calendar comprises of detailed schedule in terms of week slots for the conduction and result declaration of in-semester examinations and end-semester examinations. Also provides information about the availability of students' answer sheets for semester Examinations. Timelines for other activities like industrial visits, mentor meetings, completion of term work and assessment work, feedback, and curricular and co-curricular activities are taken into consideration at the department level. In line with the academic calendar of the institute, every program schedules its faculty development programs, student workshops, and co-curricular and extracurricular activities in the department's academic calendar.

Every faculty member follows the academic calendar and planned accordingly their Teaching and Learning schedule. The teaching plan is prepared by every faculty of this institute and it is declared/share with the student every semester. The teaching plan comprises the information about lecture plan, teaching-learning methods, and mode of conduction of in-semester examinations such as assignments, quizzes, presentations, etc.