### 2.3.2   Q$_l$M

**Teachers use ICT enabled tools including online resources for effective teaching and learning processes**

Write a description in maximum of 500 words
**File Description**
- Upload any additional information
- Provide link for webpage describing the " LMS/ Academic Management  System"

**[6/6]**

**Response:**


Use of ICT tools helps faculty to represent the content in a more meaningful way using different media elements.The University has 1 GBPS internet connectivity with Campus wide Wi Fi connectivity. Faculty members and students make optimum use of the available ICT Infrastructure and learning resources which is exemplified by the following points:
- Teachers make use smart classroom for effective teaching and learning processes. It includes smart boards, LCD projectors, Language Lab, E-learning resources, etc. The conventional 'chalk and duster' method is also used as both approaches are complimentary to each other and having their own strengths and weaknesses.
- Teaching Learning tools like Microsoft PowerPoint, Google Classroom, G-suit Meet, Microsoft Teams, YouTube Channel are being used for regular Lecture session as well as Webinars.
- Faculty members prepare power point presentation on their own for teaching and upload the same along with other learning materials, assignments, tutorials on LMS.
- As a regular practice, faculty members create their Course specific WhatsApp group for the assigned class and share all the notices, assignments, learning material, quizzes, results etc. regularly. Students can clear their doubts on the group any time on the group.
- Faculty members promote and use NPTEL, Coursera, National Educational Alliance for Technology (NEAT), e-PG Pathshala, National Digital Library (NDL) by IIT Kharagpur etc. MOOC under SWAYAM portal is being used by Final Semester Industrial Internship opting students as well as by the Ph. D. research scholars for credit transfer.
- Latest software like Virtual Labs, MATLAB, SmartDraw, ProE, AutoCAD, ArgoUML, have been used by faculty member for demonstration purpose.
- Teachers and Students access e-books procured by library from anywhere through the University website. Ph. D. scholars make ample use of e-journals of IEEE, Springer, ACM, Inderscience, ASME, ASCC, ASCE and other reputed publishers. They have access to e- resources provided by Shodhganga and e-ShodhSindhu through campus IPs.
- Each student and teacher is provided with an official e-mail id which is used by them for all login purpose to access the online resources, ERP System etc.
- Teachers and Students make extensive use of online platform for coding and other technical interactions.
- University has a virtual classroom facility which is used for expert lectures from academia and industry persons.

- University has established a state-of-the-art multipurpose virtual studio which is used for professional quality recording of video lectures, technical talks, panel discussions etc.
- University has plagiarism checking tool Turnitin which is extensively used by faculty members and students to check the originality of their work and remove plagriarism in their assignments, submissions and research papers.
- Attendance Monitoring System and Biometric Attendance Systems are used for students and teachers respectively.
- University gives recognition to the innovation made by faculty members in teaching learning methods by 03 best teachers award on Teachers Day each year.
- During Covid 19 Pandemic, faculty members upgraded themselves with the latest tools and technologies for remote teaching- learning. Remote proctored examinations were conducted successfully with the help of Google Form, Google Classroom and Google Meet.

.