INFORMATION
Criteria2 : Teaching-Learning and Evaluation
Key Indicator : 2.3 Teaching-Learning Process
Metric : 2.3.3
Metric Description : Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources

Response to be provided within 500 words

Information Communication Tools (ICT) has played a pivotal role in transforming teaching and learning processes across various disciplines in our university. Here are some ways in which ICT has been leveraged to improve the teaching and learning process:

The UPUMS has sufficient ICT enabled infrastructure to facilitate and provide innovative solutions that enable interactive, engaging, and personalized learning experiences. In Medical and paramedical disciplines where theoretical knowledge, practical skills, and clinical competencies are crucial. Lecture halls of UPUMS are equipped with 50 LCD projectors along with 50-250 Mbps speed LAN capabilities.

The faculty members are offering opportunities for virtual simulations, interactive case studies, real-time collaboration, and access to vast sources of educational resources. Hence the classroom-centric to student-centric pedagogy, resulting in enhanced learning opportunities. Additionally, it enables easy student management and facilitates educational change and reform.

ICT Tools used in the University for Effective Teaching and Learning:

a) Virtual Simulations: Teaching faculty members are providing virtual simulations of practicing procedures in clinical settings with safe, regulated conditions. In order to improve their practical and laboratory abilities, medical and dentistry students do virtual operation procedures as preclinical Assignments

b) E-Learning Platforms: The faculty members are also advising students to use online learning platforms, such as IGNOU, to obtain course materials, books in PDF format, and materials for competitive exams. These platforms, which include virtual classrooms and learning management systems (LMS), provide flexibility in the classroom by enabling

students to access material at any time, from any location.

c) Internet & Mobile Applications: Faculty members and Students widely utilizing the internet & free mobile applications to cater to support their demands for Learning needs. Medical terminology, drug details, and clinical skills are easily accessible for quick reference and assessment through these resources.

d) Telemedicine Platforms: Through these telemedicine platforms like esanjeevani app, students are learning how to perform virtual consultations, remote diagnostics, and telemonitoring under the guidance of faculty members.

e) Digital Libraries and Resources: Another form of ICT which provides access to vast digital libraries, databases, and online resources to our students that support research and learning. Our students and faculty members accessing the online public access Catalog through DELNET for enriching the learning experience and promoting evidence-based practice.

f) Collaborative Tools and Communication Platforms: ICT facilitates collaboration and communication among our students, faculty members, and healthcare professionals.

Faculty members are using ICT-enabled learning tools such as PowerPoint, video clips, online resources, and educational software to expose students to advanced knowledge and practical learning. Most faculties use interactive methods for teaching, including group discussions, assignments, quizzes, class tests, viva, and laboratory work.

Training sessions are organized at UPUMS to upgrade the skills of the teachers for preparing video Lecture content and optimum use of the ICT resources for better teaching and learning. Overall, ICT in education is transforming the teaching and learning processes in UPUMS by providing resources, opportunities for skills development.

Details	Supporting Documents
Details of ICT-enabled tools used for teaching and learning	View Document
List of teachers using ICT-tools	View Document
Any other relevant Information	View Document