

# **A ROADMAP TO ENHANCE CORE TEACHING COMPETENCIES IN ACADEMIC LANDSCAPE**

Third Refresher Course from  
14.02.2020 to 27.02.2020



**ACADEMIC STAFF COLLEGE  
DIRECTORATE OF ENTREPRENEURSHIP  
KERALA VETERINARY & ANIMAL SCIENCES UNIVERSITY  
MANNUTHY, THRISSUR-680651**

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## **TEACHING AND LEARNING THROUGH TECHNOLOGY**

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Teaching and learning through Technology is the order of the day. E - learning, Web-based learning and online learning are generally used as interchangeable terms in teaching and learning through technology. However, these terms represent concepts with subtle, yet major differences, E-learning is mostly associated with activities involving computers and interactive networks simultaneously. The computer does not need to be the central element of the activity or deliver learning content. However, the computer and the network must hold a significant involvement in the learning activity.

Online learning is related with content readily accessible on a computer. The content may be on the Web or the Internet, or simply connected on a CD-ROM or the computer hard disk. Distance learning involves interaction at a distance between instructor and learners, and allows timely instructor reaction to learners. Simply posting or broadcasting learning materials to learners is not distance learning. Instructors must be involved in receiving feedback from learners. For each of these concepts, the discriminating feature must be the primary characteristic of the learning activity.

Online learning is related to the more common concepts of Online help, online documentation, and online services. It is related with readily available learning materials in a computer environment. Often, online learning refers to learning materials directly accessible from within a core application (like in online help); however, learning materials available online on a network also qualify when readily accessible. Network use is not necessarily required, and in fact the concept of online learning raised before the development of the Web and before learning materials were delivered over the Internet or networks.

### **BENEFIT OF INTEGRATING TECHNOLOGY**

Development of the Internet has started a revolt in communication that is providing new opportunities for delivering instruction. The Internet began as communication relations among computer facilities and departments accessible to those comfortable with command line language. It became user – friendly with the development of hyper linking on the World Wide Web (www) allowing one document to contain pointers to and from many others. Web browsers were soon developed that maintained display of highly quality images, animation, videos and audios. These graphical browsers opened the door to delivery of multimedia anywhere in the world.

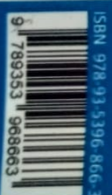
In the pre – technology education background, the teacher is the sender or the source, the educational material is the information or message and the student is the receiver of the information. The quick development in ICT provides tools such as computers, interactive multimedia CD rooms etc. The use of such well – advanced technologies has now enabled the learners of flexible learning. The flexible teaching learning strategies provide high quality education and confirm equity in educational opportunities. Thus ICT through the use of web assisted instruction helps in the teaching – learning of the current curricular subjects.

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ISBN 978-93-5396-866-3

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