



# **E-learning in Nursing**

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# Content :

- **Introduction .**
- **Definition of E-learning .**
- **Types of E-learning .**
- **Impacts of E-learning on teaching and learning process .**
- **E-learning culture .**
- **E-learning in nursing education .**


# Objectives :

**By end of this lecture student will be able to :**

- **Define e-learning .**
- **list types of e-learning .**
- **Explain it's impacts on teaching learning process and how to build an E-learning culture .**
- **Discuss it's impacts on nursing education .**

# **Introduction :**

- **With the rapid progress in technology and advancement in learning systems , it is now embraced by the masses .**
- **The introduction of computers was the basis of this revolution and with the passage of time , as we get hooked to smartphones , tablets etc these devices now have an importance place in the classrooms for learning .**

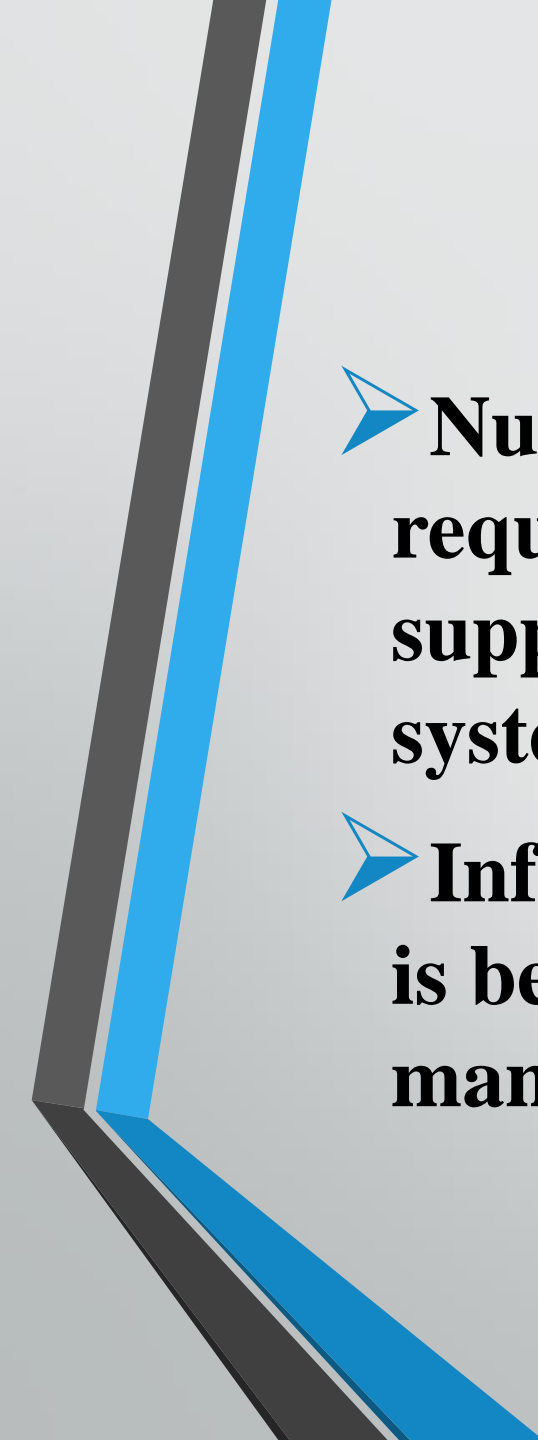
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- **Books are gradually getting replaced by electronic educational materials . Knowledge can also be shared via internet which is accessible 24/7 any where , any time .**

# Definition :

- **A learning system based on formalised teaching but with the help of electronic resources .**

**count...**

- **Teaching and learning process by using internet media or other computer network in order to give the material to the student.**

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- **Nurses in the United Kingdom (UK) have a requirement to undertake educational activities to support their practice as part of the registration system.**
  - **Information and Technology (IT) skills being needed is becoming a universal truth for nurses working in many countries.**



# Some E-Learning Sites



**WIKIPEDIA**  
The Free Encyclopedia

 **meritnation**



**KHAN**  
ACADEMY

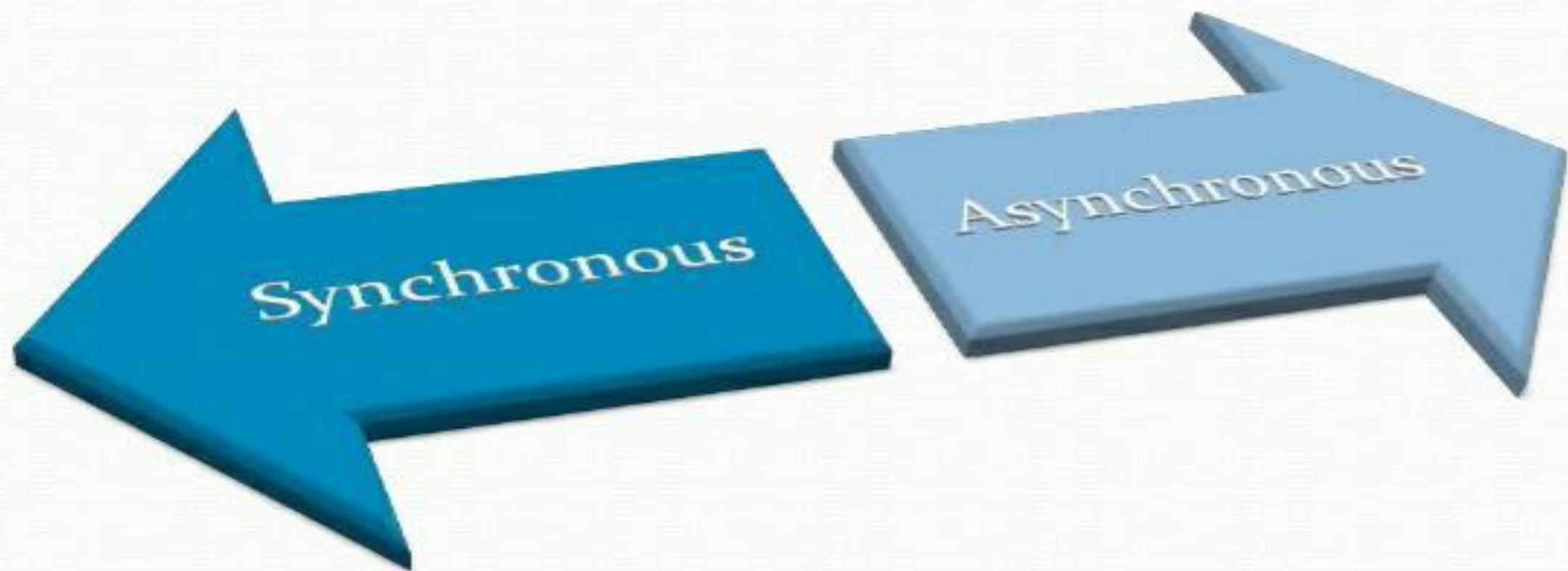
**You** 

**LearnNext.**<sup>™</sup>  
The next way to Learn 



# **Types of E-learning**

# Types of E-learning



# **Synchronous E-learning :**

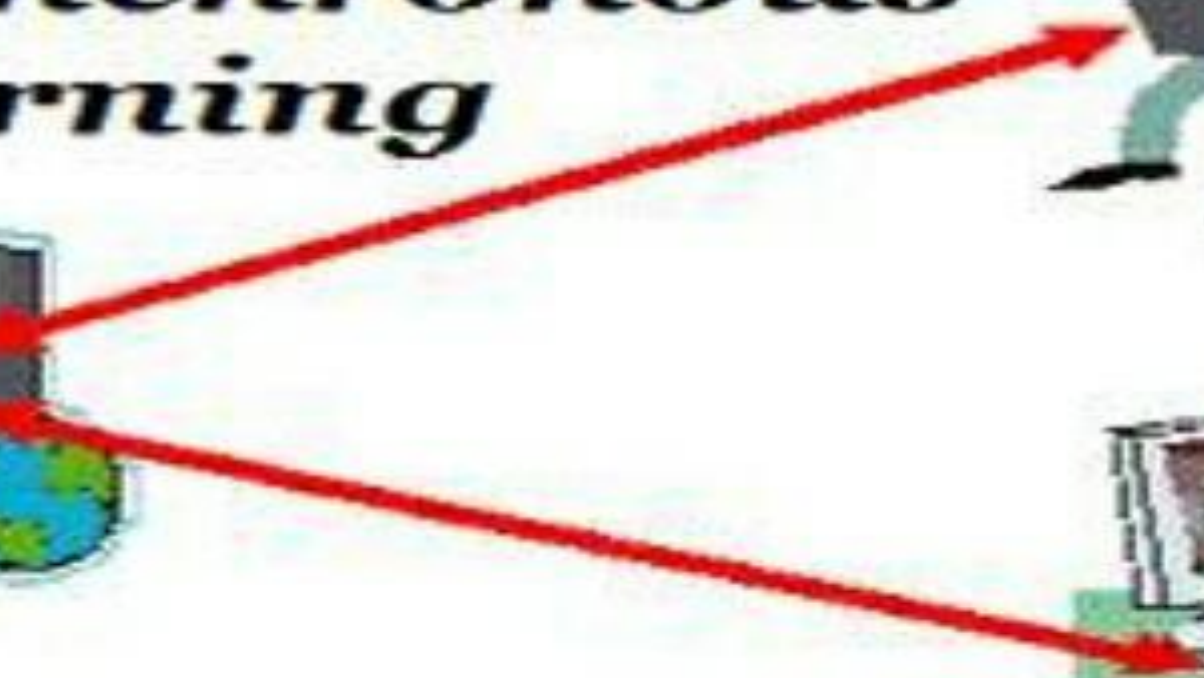
- **Learning and teaching takes place in real time (same time) while the trainer and learners are physically separated from each other .**

# Count...

## ➤ **Examples include :**

- **Listening to a live radio broadcast .**
- **Watching a live television broadcast .**
- **Audio/video conference .**
- **On-line lecture .**

# *Asynchronous Learning*



# Asynchronous E-learning :

- **Is the face that the trainer prepare courseware material before the course takes places . The learner is free to decide when he wants to study the courseware .**

# Count...

- **In other word Asynchronous E-learning where the people are not online at the same time and the interaction dose not occur without a time delay , allow people to participate on their schedules .**



# Count...

## ➤ **Examples include :**

- **Self paced courses taken via internet .**
- **Videotaped classes .**
- **Stored audio / video web presentations or seminars .**
- **Recorded audio tapes .**
- **Reading E-mail messages .**

## **Impacts on teaching and learning process:**

- **Improve efficiency both in teaching and learning .**
- **Increase motivation .**
- **Provide new way interaction .**
- **Create interest in learning .**
- **Give new approach to learning and working .**

# Building an e-learning culture

- **Learner:**
- Self-directed
- Self-motivated
- Self-regulating
- Lifelong learning

**Building an  
E-learning  
Culture**

## **Teacher:**

Develop knowledge & skills  
Understand learning and  
its need Facilitate learning  
Create learning  
opportunities

## **Administrator:**

Create Learning environment  
Provide ICT infrastructure  
Resources for lifelong learning

# **Nursing Education :**

- **Traditionally, schools of Nursing and Midwifery have developed and delivered highly structured programmes of study with a lecturer-centred approach.**

# Count...

- **The ability to use IT effectively is an increasingly important skill for nursing students. It is essential to support their student experience and also to give them the basis of the information skills that they will need in practice once they are qualified nurses.**

## **Summary :**

- **Effective E-learning allow more participants to access more personalized instruction compared to traditional classroom-based instruction . However , achieving these results requires strong E-learning design .**

**Any questions ????**

