



برنامه کمیته آموزش بیمار دانشگاه علوم پزشکی و خدمات بهداشتی درمانی اصفهان
آموزش بیمار با توجه به پاندمی کووید-۱۹ (از نیازسنجی تا اجرا و پایش اثربخشی)



روشهای مناسب و ابتکاری آموزش غیر حضوری بیمار با توجه به پاندمی کووید-۱۹

دکتر آرش نجیمی

دکترای تخصصی آموزش و ارتقا سلامت
عضو هیات علمی و رییس دانشکده مجازی دانشگاه

آموزش بیمار با توجه به پاندمی کووید-۱۹ (از نیازسنجی تا اجرا و پایش اثربخشی)

Agenda



برنامه کمیته آموزش بیمار دانشگاه علوم پزشکی و خدمات بهداشتی درمانی اصفهان
آموزش بیمار با توجه به پاندمی کووید-۱۹ (از نیازسنجی تا اجرا و پایش اثربخشی)



STEP 1

What is e-learning?

STEP 2

The history of e-learning

STEP 4

Types of E-learning

STEP 3

E-LEARNING STATISTICS
AND TRENDS





برنامه کمیته آموزش بیمار دانشگاه علوم پزشکی و خدمات بهداشتی درمانی اصفهان
آموزش بیمار با توجه به پاندمی کووید-۱۹ (از نیازسنجی تا اجرا و پایش اثربخشی)



“The current crisis is reminding us how crucial public education is in societies, communities, and in individual lives”



برنامه کمیته آموزش بیمار دانشگاه علوم پزشکی و خدمات بهداشتی درمانی اصفهان
آموزش بیمار با توجه به پاندمی کووید-۱۹ (از نیازسنجی تا اجرا و پایش اثربخشی)



“We should consider ways that the right to education might need to be broadened to encompass fluidity, capillarity and the changing contexts of contemporary societies”



What is eLearning?

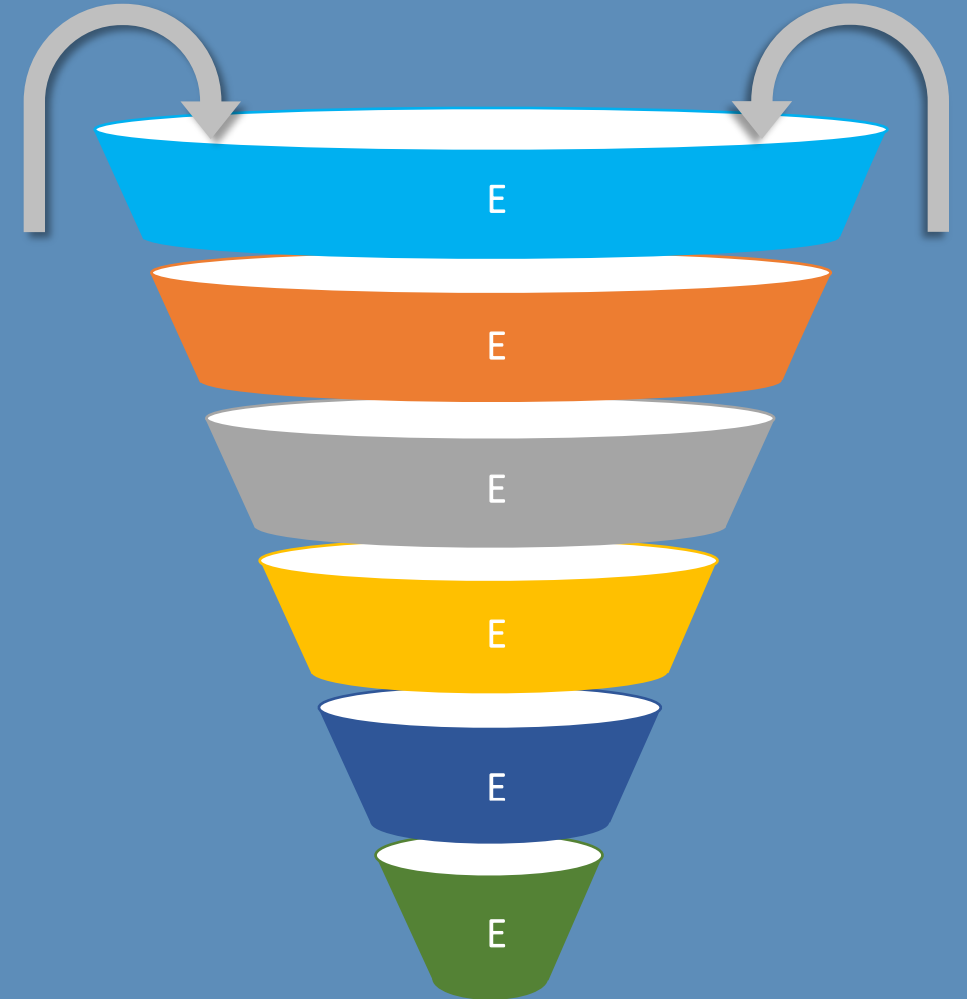
eLearning: The Good, The Bad and The Ugly





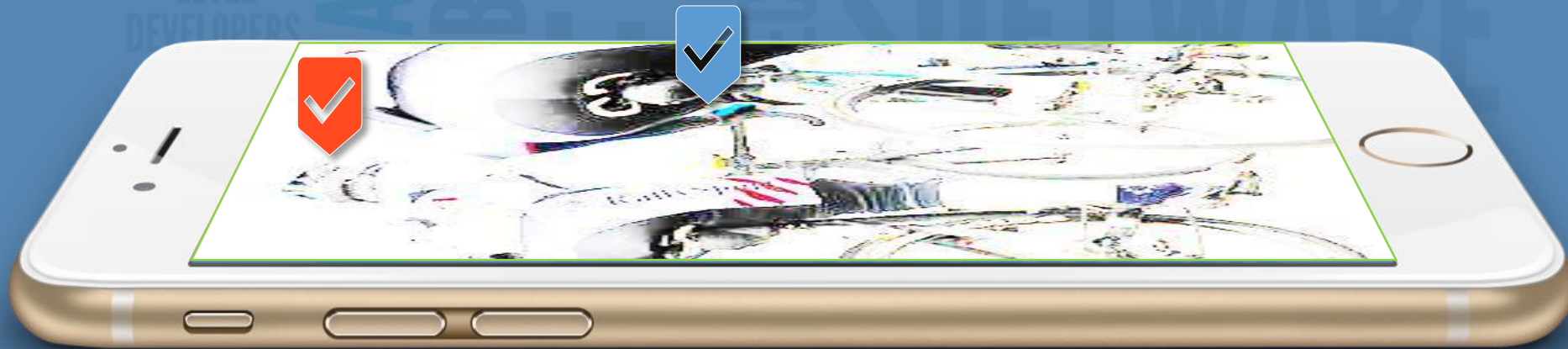
What Exactly Is e-Learning?

- ✓ Educational
- ✓ Efficient
- ✓ Economical
- ✓ Entertaining
- ✓ Easy
- ✓ Electronic



What Exactly Is e-Learning?

e-Learning is... *Engaging*, *Entertaining*, *Electrifying* learning that can be delivered *Everywhere* and *Every* time in an *Exciting Electronic* format to *Elated* and *Enthusiastic* students.




WHAT IS E-LEARNING?

There is no single definition for eLearning; but very simply put, eLearning refers to any form of learning that can be accessed through web technology.



The history of e-learning



The term “e-learning” has only been in existence since 1999, when the word was first utilized at a CBT systems seminar. Other words also began to spring up in search of an accurate description such as “online learning” and “virtual learning”. However, the principles behind e-learning have been well documented throughout history, and there is even evidence which suggests that early forms of e-learning existed as far back as the 19th century.



A HISTORY OF ORGANIZATIONAL TRAINING

Computer- based Training (CBT) 1970s

Once upon a time, organizations relied heavily on instructor-led training. CBT courses were developed which lead to the evolution of the Learning Management System.



Web-based Training (WBT) 1990s

With the advent of the Internet, CBT transitioned to WBT.



Blended and Information Training – 2000s

Organizations began to combine ILT with WBT.

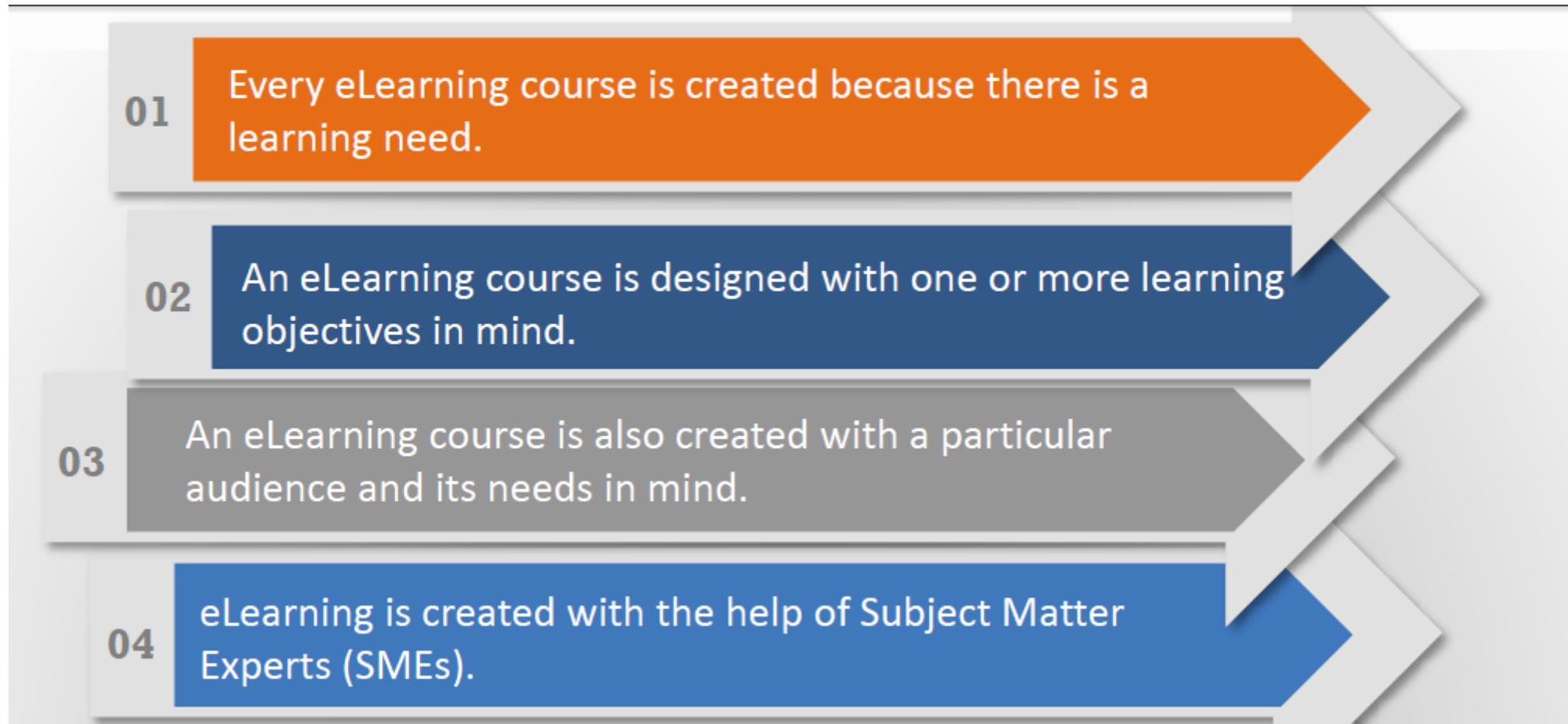


Social, Collaborative, Talent-driven Learning – 2010+

Learning designed to address knowledge gaps; mobile learning.



CHARACTERISTICS OF E-LEARNING



CHARACTERISTICS OF E-LEARNING

05

The development of eLearning follows a very streamlined process.

06

eLearning is always followed up with an assessment.

07

eLearning is connected to electronic media.

08

eLearning is self-paced and reaches a wider audience.

E-LEARNING STATISTICS AND TRENDS



- The market size of the global corporate E-learning market is predicted to reach close to USD 31 billion in revenue by the end of 2020 (Research, 2016).
- The global e-learning market will grow at a CAGR of 17.81% during the period 2016-2020 (Markets, 2016).
- U.S. organizations spent 5 percent of their budget or \$602,306 in 2015 (vs. \$254,256 in 2014) on learning tools and technologies (Staff, 2016).
- 74% companies used an LMS in 2014 and 41% of non-users said they intended to purchase an LMS in 2015 (2014 Training Industry Report, 2014).
- 25 percent of companies said they are using social learning to some extent (Staff, 2016).

آموزش بیمار با توجه به پاندمی کووید-۱۹ (از نیازسنجی تا اجرا و پایش اثربخشی)

E-LEARNING STATISTICS AND TRENDS



- Large and mid-size US companies appeared to be focusing on online or computer-based methods (29 percent vs. 20.8 percent for small and mid-size companies) (Staff, 2016).
- 1.8 percent of training hours were delivered via mobile devices in the US, in 2015 (Staff, 2016).
- 31.9 percent of hours were delivered with blended learning techniques, up from 29.1 percent in 2014, in the US (Staff, 2016).
- Technology use was higher overall in 2015 than the previous year, with Learning Management Systems accounting for 73% (Staff, 2016).

Synchronous and Asynchronous Types of E-learning

Synchronous



Asynchronous

Synchronous: Its benefits are



Continuous monitoring and correction is possible

01



Possibilities of global connectivity and collaboration opportunities among learners

02



Ability to personalise the training for each learner.

03

Synchronous

① Virtual Classroom

② Audio and Video Conferencing

③ Chat

④ Webinars

⑤ Application Sharing

⑥ Messaging instantly

Asynchronous



Learning from the sources of:

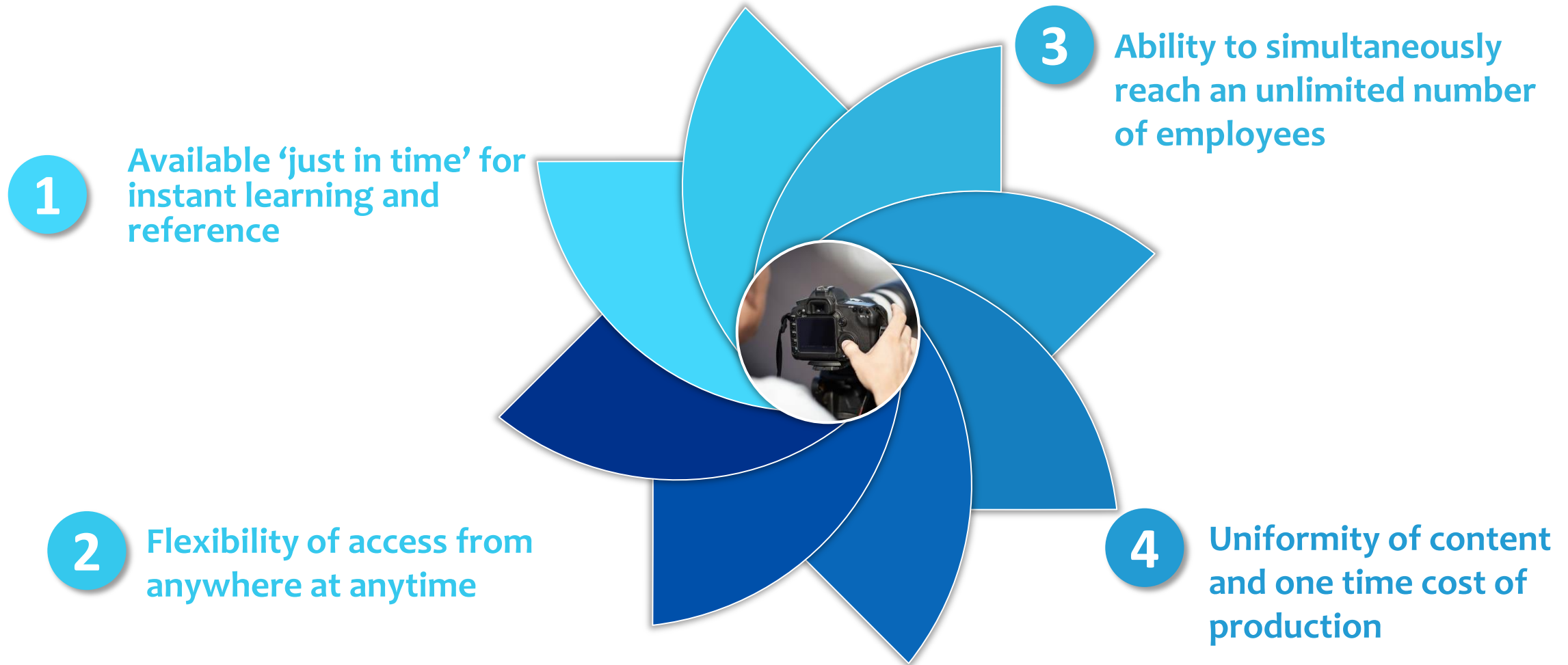
Self-paced online courses

Discussion forums & groups

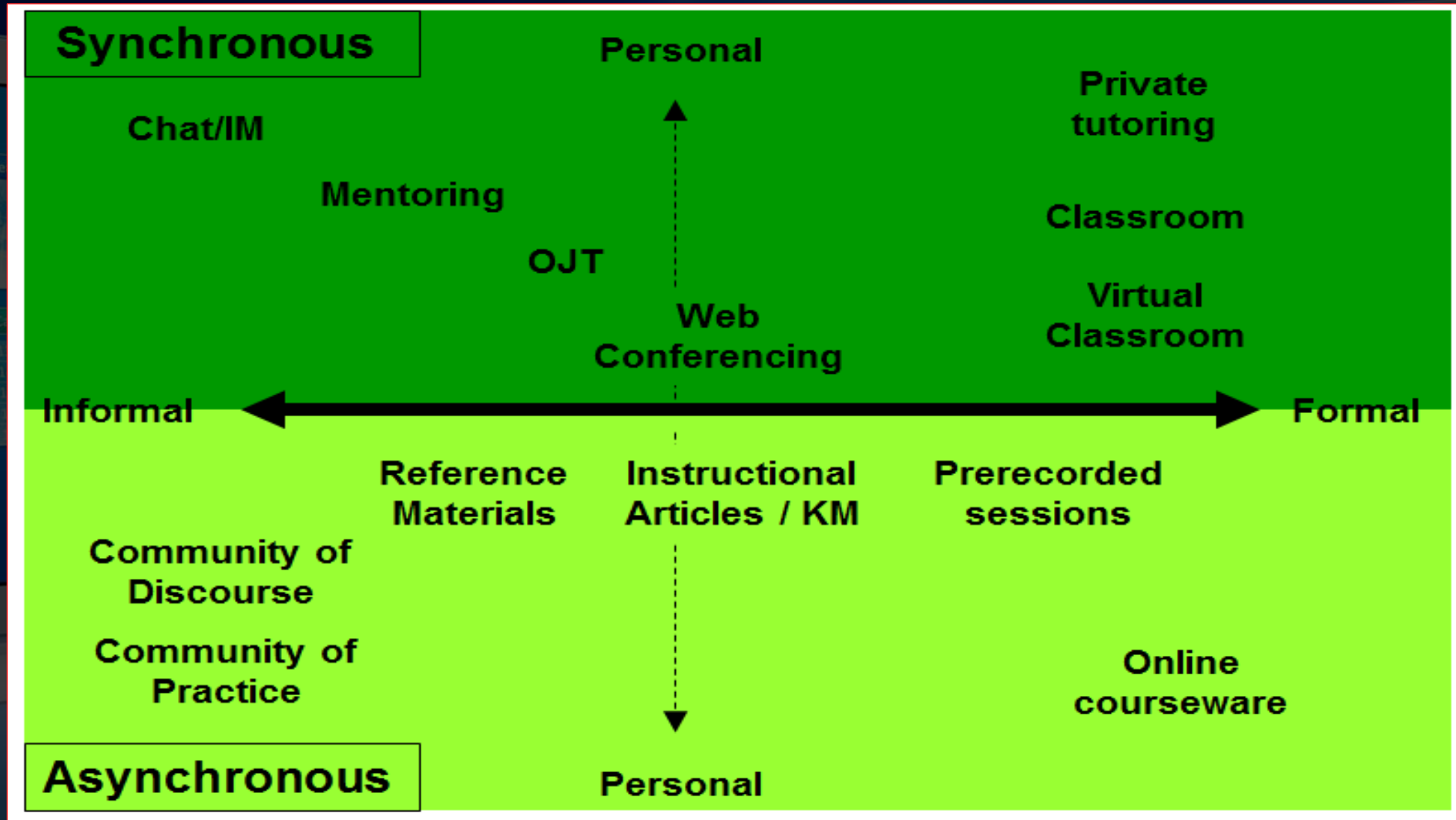
Messages boards

Asynchronous

Its advantages are



Map of Learning Delivery Methods



Instructional methods

EXPOSITIVE METHODS	APPLICATION METHODS	COLLABORATIVE METHODS
Presentations	Demonstrations-practise methods	Online guided discussion
Case studies	Jobs aids	Colaborative work
Worked examples	Case-based exercises	Peer tutoring
Demostrations	Role plays	
	Simulations and serious games	
	Guided research	
	Project work	

CONT



برنامه کمیته آموزش بیمار دانشگاه علوم پزشکی و خدمات بهداشتی درمانی اصفهان
آموزش بیمار با توجه به پاندمی کووید-۱۹ (از نیازسنجی تا اجرا و پایش اثربخشی)



031-37925294



031-37925296



Elearning.mui.ac.ir



lums.virtualeducation@gmail.com



Isfahan University of
medical sciences- VEC

آموزش بیمار با توجه به پاندمی کووید-۱۹ (از نیازسنجی تا اجرا و پایش اثربخشی)