President's News Digest

ASU
جامعة العلوم التطبيقية
APPLIED SCIENCE UNIVERSITY
معتمدة من مجلس التعليم العالي
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Inside this Issue

Message from a Colleague
Online Assessment Challenges and Advantages

Top 4 Challenges to Manage Online Exam Process

An online exam is conducted across multiple locations. It is essential that communication with remote candidates is conducted seamlessly to clarify any doubts or queries regarding any process. This will ensure the smooth execution of the exam. Mechanisms to alert candidates about the exam schedule and login credentials should be implemented. It is possible to communicate with them over the exam system, email or SMS to convey information about the online examination process.

Mr. Rifat Hussain
Director of ICT & KM

We believe that education is a life-time event and every human is a student who must be assessed for his/her learning. The Internet is the biggest revolution for human welfare. Today in this era of online shopping, online tickets booking, why should education stay aside

1. Internet Connectivity
Internet connectivity is still a huge problem in some remote areas. In the case of a concurrent number of exams, internet connectivity can be a huge challenge for the smooth flow and execution of the online exam. To overcome this problem internet connectivity should be tested before conducting online exam or enable using offline mode to ensure all students response will be uploaded once the internet connection is stable

2. Question Bank Preparation
The quality of an online assessment or an online exam depends on the quality of the question bank and its accuracy. The exam administration should ensure that the question papers are set at a high standard and they are prepared by experts of the subject matter or syllabus. The exam administration can define examination parameters like Negative Marking, Total Exam Duration, The Total Number of Questions per subject area, Marking Scheme, etc.

3. Communication with Exam candidates
An online exam is conducted across multiple locations. It is essential that communication with remote candidates is conducted seamlessly to clarify any doubts or queries regarding any process. This will ensure the smooth execution of the exam.
Mechanism to alert candidates about the exam schedule and login credentials should be implemented. It is possible to communicate with them over the exam system, email or SMS to convey information about the online examination process.

4. Security
Online examination process security is one of the critical challenges. Proper authentication, authorization process should be followed to ensure that the right candidate is appearing for the exam in a secure environment without any malpractices. The online assessment system

should be able to audit the entire exam process to identify leaks or security lapses during the exam process. The system should have features that can help you to manage the security of the process.

<u>Security features required:</u>

- Remote Proctoring provides the facility of live streaming the video of remote candidates. The system can also take snapshots of the candidate to verify the identity of the person.

- Secure Browser ensures that the candidate cannot open any other window during the exam process. The system prevents the user from opening other windows during online exam activity.

- Remote Proctoring also enables live chat with the candidate during the online exam to authorize the candidate appearing for the exam.

Advantages of Online Assessment

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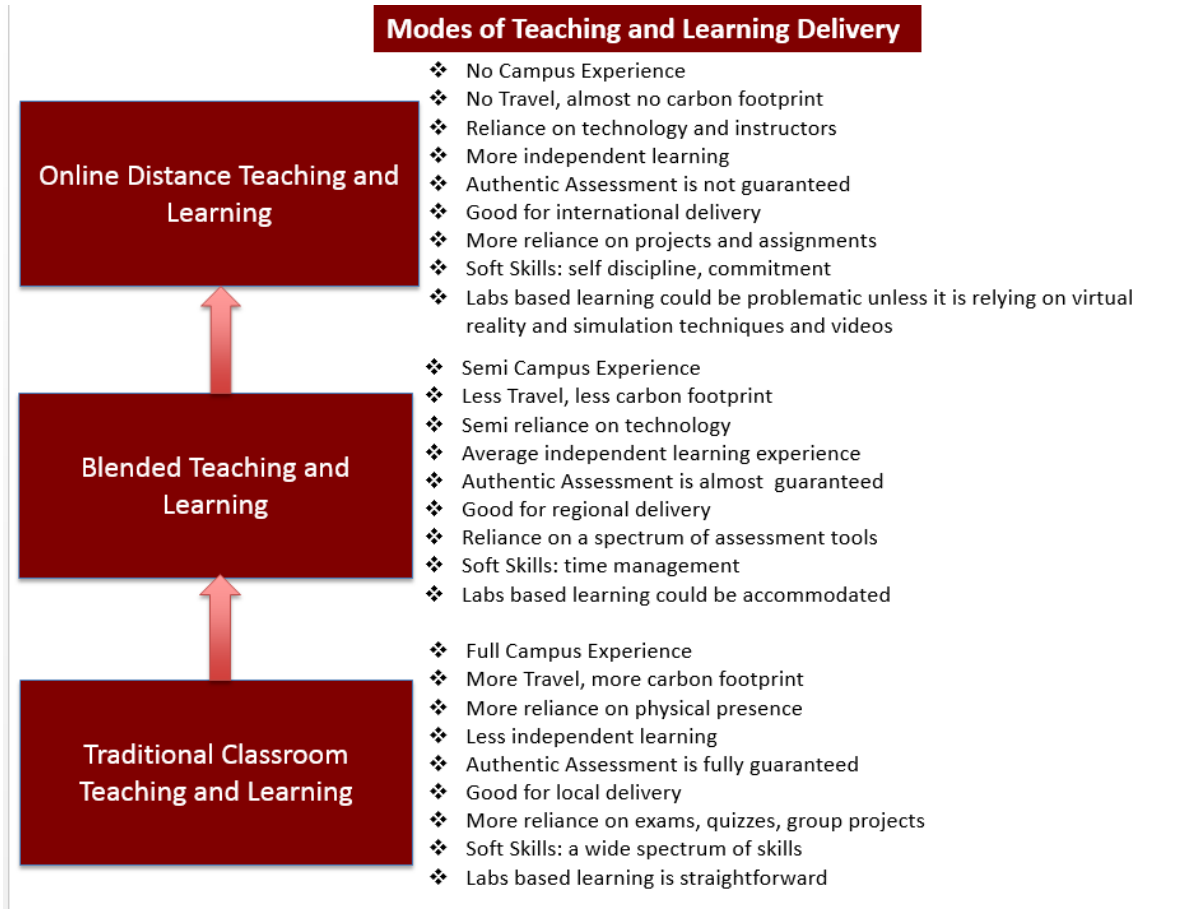*Online Assessment of Students- A step towards the change.*

- Online assessment is the process used to measure certain aspects of information for a set purpose where the assessment is delivered via a computer connected to a network. Most often the assessment is some type of educational test.

- Different types of online assessments contain elements of one or more of the following components, depending on the assessment's purpose: formative, diagnostic, or summative.

- An average student faces approximately 60-70 exams in his lifetime. For every exam there is a tension about syllabus, study, understanding of subject which is accompanied by the tension of paper presentation, handwriting, punctuation which is irrespective of knowledge of the person. Online assessment cuts all these unnecessary efforts and takes only what is needed from the student.

- Result is the most important part of any assessment. Many times, a student knows everything, writes everything but due to some human errors things go wrong and what comes out is highly unpredictable. In online assessment the result is more exact. Also, the results obtained in online assessment are instant and detailed.

- The location for the online exam can be decided by the students according to their convenience and they don't need to rush to any other place for their assessment hence gives bonus time for study. Unlike normal exams, exams conducted on campus and the stress of exam halls.

Internet has become the fourth basic need and it is compulsory for a student to be computer friendly. Online assessment serves both the purposes- education of the subject and the computer. Students don't need to enroll for any extra computer classes.

A Weekly Diagram/Model from the President

Modes of Teaching and Learning Delivery

Online Distance Teaching and Learning

- ❖ No Campus Experience
- ❖ No Travel, almost no carbon footprint
- ❖ Reliance on technology and instructors
- ❖ More independent learning
- ❖ Authentic Assessment is not guaranteed
- ❖ Good for international delivery
- ❖ More reliance on projects and assignments
- ❖ Soft Skills: self discipline, commitment
- ❖ Labs based learning could be problematic unless it is relying on virtual reality and simulation techniques and videos

Blended Teaching and Learning

- ❖ Semi Campus Experience
- ❖ Less Travel, less carbon footprint
- ❖ Semi reliance on technology
- ❖ Average independent learning experience
- ❖ Authentic Assessment is almost guaranteed
- ❖ Good for regional delivery
- ❖ Reliance on a spectrum of assessment tools
- ❖ Soft Skills: time management
- ❖ Labs based learning could be accommodated

Traditional Classroom Teaching and Learning

- ❖ Full Campus Experience
- ❖ More Travel, more carbon footprint
- ❖ More reliance on physical presence
- ❖ Less independent learning
- ❖ Authentic Assessment is fully guaranteed
- ❖ Good for local delivery
- ❖ More reliance on exams, quizzes, group projects
- ❖ Soft Skills: a wide spectrum of skills
- ❖ Labs based learning is straightforward

Written by
Prof. Ghassan Aouad
The President of Applied Science University

ندوة الخط المباشر بعنوان " تأثير التكنولوجيا وتأثرها في مجابهة جائحة كورونا "

بقلم د.عمار الجلامنة
مدير إدارة المكتبة وخدمات المعلومات

حضر الدكتور عمار جلامنة مدير إدارة المكتبة وخدمات المعلومات ندوة الخط المباشر Online Webinar-بعنوان "تأثير التكنولوجيا وتأثرها في مجابهة جائحة كورونا"، وأتت هذه الفعالية ضمن فعاليات التواصل مع مدراء المكتبات في الوطن العربي في ظل جائحة كورونا وإستمرارا لنشاطات وفعاليات الفهرس العربي الموحد، فقد أطلق الفهرس البرنامج المعرفي للفهرس العربي الموحد والذي تضمن مجموعة من الندوات والدورات على الخط المباشر يقدمها ثلة من الأعلام والمتخصصين في الوطن العربي. وإستمر الفهرس ضمن هذا البرنامج في تقديم مجموعة من الندوات على الخط المباشر تضمنت مواضيع متنوعة في مجال التقنيات والإتجاهات الحديثة في إدارة المعرفة والمكتبات والمعلومات، والعمليات الفنية لتنظيم المعلومات، بالإضافة إلى التعريف بما هو جديد من خدمات ومبادرات الفهرس العربي الموحد.

Quote of the Week

"The value of achievement lies in the achieving."

–Einstein

من روائع الشعر العربي

ألا لا تَلوموني كَفى اللَومَ ما بِيا ***وَما لَكُما في اللَومِ خَيرٌ وَلا لِيا

أَلَم تَعلَما أَنَّ المَلامَةَ نَفعُها ***قَليل وَما لَومي أَخي مِن شمالِيا

ـعبد يغوث الحارثي