

*Laboratory of Prevention and Counternarcotic Strategies in Algeria
(DJELFA University, Algeria) in collaboration with Gabès
University, Tunisia*

Organize:

**The 2nd International Conference on Technology and Human and
Social Sciences**

**Conference Title: Higher Education, Scientific Research and
Information and Communication Technology**

March 17, 2020

Introduction

Several countries are racing to cope with the ranks that other nations have reached in the field of Information and Communication Technology (ICT) through digitalizing many sectors, which is driven by the inevitability of access to this digital space in the light of the interrelation between societies and their dependence on each other. This drives us to state that there is no political, economic and cultural isolation between these societies nowadays. Perhaps, one of the most important sectors, which provide more priorities in adopting ICT, is that of higher education and scientific research. This issue has gained much interest in Algeria as many other countries where their ministries face challenges in the digital transformation which calls for treatment and meditation.

Regarding what developed countries have gained in integrating ICT in education in general and higher education in particular; introducing technology in our higher education has become a necessity to improve this fundamental sector. Therefore, the amalgamation of technology has turned into an essential component that the academic community should strive to save.

Indeed, the movement from traditional to digital education should be accompanied by the awareness of the right use of ICT. Consequently, the shock, which results from the introduction of technology, is linked to poor training among academics on how to employ ICT. This situation summons for more awareness to overcome these constraints. Through a deeper look at the actual situation of the university, one finds that competitiveness has become related to the ability to use ICT. This fact leads to create what is known as digital aristocracy.

The integration of technology, which is of indelible importance in ameliorating the quality of scientific research through employing it appropriately and rationally, has shown a positive impact through developing scientific curricula, knowledge and skills. Besides, ICT has provided a fertile space for teachers and researchers to cope with scientific development. On the other side of the corner, it helps students in improving learning through promoting openness on informatics, research and self-evaluation. Recently, some studies have revealed that the rational use of technology encourages learners to interact with their teachers and each other through exchanging knowledge and experience, and therefore integrating them in the world of work in the future.

The rational use of technology in research; however, puts the academic community in front of a set of challenges mainly the overuse and reliance on ICT, resulting in a weak background in written and oral production due to what technology can promote such as grammar checking, in addition to its usage in acquiring knowledge and entertainment. Yet, the excessive use of technology can lead to new forms of addiction, especially what is linked to social networks. These practices give rise to certain behavioural patterns which open the gate for the spread of psychological and social disorders which in turn result in total

domination of technology in the absence of its rational use. As such, these results affect scientific honesty and drive to major deviations influencing the entire academic community in several universities due to the involvement of many students in academic dishonesty.

It is important to mention that the introduction of technology in higher education does not exclude the pedagogical and educational aspects since it produces several phenomena in both fields. This fact was raised by many studies and conferences through tackling issues related to higher education, scientific research and Information and Communication Technology (ICT). Thereby, our conference provides an attempt to understand and deal with the issue of technology in higher education through the following concerns:

- How does the university interact with the integration of ICT?
- What are the aspects that accompany the transition from traditional education to digital learning?
- How can we benefit from the experience of other countries in the application of modern technologies in higher education?
- What are the prospects of integrating technology in higher education and scientific research?

Objectives of the Conference:

- To shed light on the project of digitalizing higher education and scientific research through the support of research works and scientific studies.
- To conceptualize the digital transformation of the university and scientific institutions.
- To get benefits of the most leading countries in the adoption of ICT in higher education and scientific research.

- To raise awareness among academics on the benefits of ICT in research and higher education.
- To shed light on the negative aspects which accompany the integration of ICT in research and higher education.

Themes of the Conference:

The following axes are proposed to draw the general features of the themes which are tackled and also accepted suggestions that would improve the presentation or open the discussion:

- Pedagogical issues in the digital world.
- Research issues in the digital world.
- Issues of institutions and structures in the digital world.
- Issues related to techniques and mechanisms of the digital world.
- General issues linked to rooting and endoscopy.

The themes mentioned above are considered as the major issues and the organized frameworks that can be taken into consideration. The following details can be also used to draw the basic parameters of the selected subjects:

- Education, research and globalization.
- Digital learning in higher education.
- Differences between traditional education and digital learning.
- Open platforms for higher education (MOOCs).
- ICT, open and distance learning.
- Strategies to activate e-learning in Algerian Universities.
- E-assessment (electronic educational assessment).
- Informatics and scientific integrity.
- Employment of ICT in practical research and management.

- The attitudes of faculty members, teachers, students and administration towards the employment of ICT in university.
- Resources that contribute to integrating ICT in higher education.
- National and international experiences in integrating ICT in higher education.
- Any subject linked to the topic and the research problem of the conference and which is not previously addressed.

❖ ***Conference Chair***

Dr Daoud MANSOUR

❖ ***Conference Coordinator***

Dr Nadia GHOUNANE

Important Dates:

31 st of <i>October</i> 2019	Deadline to receive abstracts
11 th of <i>November</i> , 2019	Notification of acceptance
31 st of <i>December</i> , 2019	Deadline to submit full papers
11 th of <i>January</i> , 2020 of acceptance	Deadline for the final notification
17 th of <i>March</i> , 2020	Conference date

❖ **Venue:**

Gabès University, Tunisia

Omar Ibn El Khattab, Zrig Eddakhlania, Tunisia

❖ **Languages of the conference:** Arabic, French, and English

❖ **Registration Fees**

- ✓ 130 € for individual participation
- ✓ 160 € for two participants (only one participant is present)
- ✓ 260 € for two participants (the two participants are present)

❖ **Useful information**

- *Conference fees will cover participation in one conference with free access to one of the workshops*

- *The conference fees will also cover accommodation for three nights in a good hotel*
- *The final research papers will be published in one of the sponsoring journals*
- *Conference fees do not cover the transportation of the participants*

❖ **Registration**

Abstracts should be submitted through the following link:

<https://labsas.com/en/international-conference-on-human-and-social-sciences-and-technology/>