

Ministry of Higher Education and Scientific Research

University of Mohamed Boudiaf – M'sila –

Under the Patronage of the Rector of M'sila University

Supervision: The Director of the Pedagogical Vigilance Center

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International Book about:

Artificial Intelligence and the Development of Pedagogical Skills in Light of the Digital Space



The Problematic:

Curriculums based on artificial intelligence increase students' opportunities for self-learning and make them more active and effective in the educational process and not only passive recipients who depend on the teacher's explanation or lecture, particularly because artificial intelligence curriculums are characterized by flexibility, modernity and accuracy in defining the criteria and determining the calendar related to the objectives of the curriculums. They will also foster students' innovation and creativity by working to secure outputs more consistent with the established goals.

Artificial intelligence is regarded as one of the mechanisms that help to use the technological development in the education field, especially in higher education, and investing in this mechanism creates a space, contact and permanent communication between the teacher and the learner.

It also helps students to learn in the easiest way and in the least possible time and with the least effort, and this is what makes higher education guarantee many positive results that benefit both the teacher and the learner alike, which is reflected in the quality of educational curriculums in particular and on Higher Education institutions.

It is expected that classrooms will soon move from the traditional framework of learning to the use of a combination of robots and artificial intelligence designed as needed, and a large number of students will benefit from robots which are characterized by continuity and flexibility.

Artificial intelligence techniques also provide specialized services according to needs, which would help students' enjoyment in classes and improve their grades at the same time. Besides, well-trained robots enable experienced teachers to provide tutoring and additional classes to strengthen and develop students' skills. Furthermore, via artificial intelligence, lessons can be automatically updated and presented to the students in a way that suits their needs and abilities.

The Axes:

- Artificial Intelligence for Youth.
- Artificial Intelligence for Education Management and its development.
- Artificial intelligence to improve pedagogy and teachers.
- Artificial intelligence for the assessment of learning and teaching.
- Developing values and skills necessary for life and work in the era of artificial intelligence.
- Artificial Intelligence to provide lifelong learning opportunities for all.
- Building the capacity of policy makers in planning for artificial intelligence.
- The contribution of artificial intelligence to improving the quality of education.
- Intelligent teaching programs in education.
- The impact of artificial intelligence on education.
- International experiences of using artificial intelligence in education.
- Examples of artificial intelligence programs and applications in education.
- Artificial Intelligence and our Arabic education.

The Objective of the Book:

Artificial intelligence can identify gaps in educational curricula and teaching. Hence, through this book, we can foresee the future of digital education in light of the use of artificial intelligence in the field of education and pedagogy to ensure a quality education and pedagogy for tomorrow's University and School.

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Terms for Participation:

- The research proposals should be relevant to the chosen axes.
- The number of research pages should not exceed 20 pages and not be less than 10 pages.
- Adopt the APA methodology style.
- Font type for foreign language abstract is (Times New Roman) Italics, 12-point size
- Avoid commas and conjunctions at the end of the line.

Important Dates:

- **The deadline for Articles Submission: June 15th, 2021**
- **Book Publication: June30th, 2021**
- **Send submissions to this email: wahiba.zellagui@univ-msila.dz**