DeCAIR

- **Programa:** Erasmus +.
- **Acción:**KA2 Capacity Building
- **Coordinación:** University of Jordan
- **Socios:** Jordan University of Science and Technology (Jordania), Tafila Technical University (Jordania) Lebanese University (Líbano), Beirut Arab University (Líbano), University of Pisa (Italia), University of Genoa (Italia), Universidad de Granada(España), University of Stuttgart (Alemania),Creative Thinking Development (Grecia).
- **Fechas:** 15.11.2020 -14.11.2023.
- Enlace del proyecto: http://decair.ju.edu.jo/Home.aspx

- **Descripción:** Developing Curricula for Artificial Intelligence and Robotics.

Recently, artificial intelligence and robotics (AIR) have been making huge advances enabling them to enter new applications, constituting disruptive forces to various aspects of our lives. Developing countries such as Jordan and Lebanon suffer from slowing economies and high unemployment rates. These problems will worsen as AIR technologies succeed in automating more jobs and shifting production and jobs to the countries that employ these technologies to efficiently offer better services and products. Therefore, it is essential for all countries to engage in using and developing these technologies to create new businesses, improve existing products and services, and foster human prosperity.

The consortium of this proposal is taking the initiative of “Developing Curricula for Artificial Intelligence and Robotics (DeCAIR)”; a project that intends to develop curricula in the areas of AIR through new master's and bachelor programs. These programs will give students opportunities to specialize in AI technologies, Robotics technologies, or using AI solutions to develop smart and autonomous robots that can solve unconventional problems. Additionally, DeCAIR will improve the curricula of existing masters and bachelor programs in the areas of AIR, establish relevant modern laboratories, and implement modern teaching methods such as flipped learning and project-based learning. All this will improve the graduates' practical skills and enable them to exploit these revolutionary technologies to solve local and regional problems, create new jobs, and to start new ventures.

Other project aims are to improve the teaching capacity at universities of the Partner Countries, build a network of highly qualified professionals in these areas among partner universities, and improve collaboration with local and regional industries and community for applying AIR technologies in solving industry and community problems.

Source: https://internacional.ugr.es/pages/proyectos/erasmus/decair