

 **Master of**
Cyber Physical Systems

**International Master of Science on Cyber Physical
Systems**



WP3.0: Development
Tafila Technical University
Industrial Workshop

28/11/2022



An industrial workshop was held on November 28, 2022 in cooperation with industrial partners from Information Technology and Communications sector in Jordan. The objectives of the workshop are:

- Provide feedback and review the status of cyber physical systems program at TTU.
- Discuss the partnership and cooperation opportunities in terms of research, internship, and training.

The participants of the workshop including both the academic staff from TTU (Dr. Zaid Alhalhouli, Dr. Khalid Alemerien, and Dr.Farhan) and the partners from the industry (Mr. Sinan Kamal, Mr. Hassan Abed Yaqoub, and Mr., Ehab Shehabi)

Dr. khalid Alemerien gave a presentation which focuses on bachelor majors, CPS master program, MS@CPS project, and ICT college in general. Then, a beneficial discussion conducted with focus on the gap between the academia and industry and how we mitigate it through several critical actions:

- Our partners from industry will review and contribute all the study plans for the bachelor and CPS programs in order to link the industry needs and study plans. Considering the study plans for bachelor and master programs can be help to ensure the integration between the outcomes and industry in all study levels, engage the students with industry, and prepare and develop capstone projects and theses that reflect the industry needs and challenges. The action is all study plans are under review and the deadline for their feedback is the end of December 2022.
- Extending the workshop to involve 10 -12 partners from the private sector. This workshop will be held in TTU on January 8, 2023. The academic staff, students, and college deanship will participate in this workshop.
- Agreeing to conduct training and seminars by experts from the industry for CPS students
- Highlighting the importance of critical thinking and reverse engineering concepts and practices for the CPS students.
- Developing “skills profile” under supervision of academia and industry in order to prepare students to the future careers.
- Assisting the students to conduct their research on real case studies involving the internship and using servers and data centers.



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