

PROBLEM/ISSUE ADDRESSED

Businesses across all sectors have been going through a digital transformation and its importance highly recognised by the European Commission, that has launched several initiatives focused on the manufacturing sector through the “Digitising European industry” strategy. To get the benefits of digitalization, industrial companies are highly dependent on the knowledge, skills, competencies and creativity of its workforce that needs to master the latest digital technologies as well as more transversal skills, the so-called T-shaped professional.

SOLUTION

DIGIMAN contributes to successfully shaping workforce transformation by developing a course for the future T-shaped professionals with a combination of high-tech skills and general skills across multiple domains.

WHY IT IS IMPORTANT FOR SOCIETY

DIGIMAN offers a post-graduation course for professionals and students to upgrade their knowledge with new expertise on industry 4.0 and improve their competencies.

“ Thanks to EIT we were able to prototype a post-graduation course with the latest contents on digitalization in manufacturing



MAIN RESULTS & INSIGHTS



- Learning paths related to digitalization as Cyber-Physical Systems (CPS) and Internet of Things (IoT), Data Analytics and Machine Learning for Manufacturing, Industrial Robotics, Human-Robot Collaboration.



- Learning paths and activities related to Innovation and Entrepreneurship, Product vision and customer development skills.



GIL GONÇALVES

Head of DIGI2 lab and Assistant Professor at FEUP

Responsible for DIGIMAN activities.



<https://www.linkedin.com/company/advanced-studies-in-digitalisation-of-manufacturing-digiman>