

Newsletter

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Doubling the Impact: Progressing to End



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Fourth Half Yearly Consortium Meeting & Reciprocate Training at UETT

The consortium meeting was held on April 27, 2025 at the University of Engineering and Technology, Taxila (UETT), with representatives from consortium partners. The main goals of the meeting were to review the progress of the project, assess current achievements, and discuss any challenges faced so far. Participants also worked together to plan the next steps, ensuring that upcoming activities align with the project's overall objectives and timeline. The meeting helped strengthen coordination among partners and set a clear direction for the next phase of implementation. Alongwith the consortium meeting, UET Taxila hosted a three-day training (from April 27 to 29, 2025) session focused on Digital Manufacturing. It was a collaborative event where participants from NEDUET, BUET, UMPSA, and UNIMAP came together to learn new skills, explore emerging technologies, and exchange ideas.



Second Annual Conference at UMPSA

The International Conference on Digital Manufacturing (ICDM 2025) was held at Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) on 16 June 2025, convening participants from all consortium member institutions of the GetInnovative4Impact Project—NEDUET, UETT, BUET, DCU, UNIBS, and UNIMAP. Centred on the theme “Industry 4.0: Driving Innovation Through Digitalisation”, ICDM 2025 explored the transformative role of smart technologies—such as automation, artificial intelligence (AI), the Internet of Things (IoT), and data analytics—in redefining manufacturing ecosystems. The event facilitated knowledge sharing among scholars, practitioners, and industry leaders, enabling participants to explore novel tools, frameworks, and methodologies that foster innovation and cross-border collaboration. In addition to keynote addresses and technical sessions, the conference featured interactive workshops, expert panel discussions, and live demonstrations of state-of-the-art digital manufacturing systems. These sessions showcased successful case studies and collaborative initiatives that underscored the potential of digital technologies to enhance productivity, sustainability, and global competitiveness.



Reciprocate Training at UMPSA

The reciprocate training took place at UMPSA from June 17 - 19, 2025, including the participants from different member organizations in the consortium. It was split into several sessions, each focusing on a different topic. These included the Academic Integrated Management System, Smart Manufacturing, Outcome-based education, Advanced Internet of Things in Industry, and Technopreneurship for digital business development. The goal was to help participants gain useful knowledge and skills in these areas.

Capacity Building Training on a Subject of 3D Printer Development at UET, Taxila

A capacity-building training focused on 3D printing was successfully conducted at UETT from July 15 - 30, 2025. The intensive two-week training at UET, Taxila, aimed to enhance participants' technical skills and understanding of additive manufacturing technologies, fostering innovation and practical application in various fields. Attendees engaged in hands-on training related to the "Prusa i3 3D printer", which was indigenously developed by BUETK. The collaborative session enabled knowledge sharing and provided expert guidance on refining their 3D printing system and exploring improvements in additive manufacturing technologies. This initiative reflects UETT's commitment to advancing technological competencies and supporting professional development for the consortium members of this project, and their associated region i.e. Balochistan.



Awareness & Accessibility Training for Rural Community by UMPSA

On July 31, 2025, Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) organised an awareness and accessibility training aimed at introducing the rural community to the objectives and initiatives of the GetInnovative4Impact project. The event served as an important platform to promote digital transformation and to demonstrate how innovation and technology can empower rural populations. A key highlight of the programme was the introduction of the Digital Transformation Lab (DTL) established at UMPSA, which functions as a hub for research, training, and community engagement in digital technologies.



The session aimed to expose participants to the vision and opportunities offered by the GetInnovative4Impact project, particularly in leveraging digital tools to improve everyday life, local entrepreneurship, and community development. The event also showcased how the DTL can serve as a resource centre for rural communities to explore new technologies, develop digital literacy, and participate in collaborative projects aligned with Industry 4.0 principles. By engaging the rural community directly, the training session reinforced UMPSA's and the consortium's shared mission to bridge the digital divide and ensure that the benefits of technological advancement reach all levels of society.

Training Reciprocate on AI Driven Innovation in Industrial Automation and Smart Production Systems at UNIMAP

A reciprocate training session titled AI-Driven Innovation was successfully conducted on 28 August 2025 at Universiti Malaysia Perlis (UNIMAP).

This session served as an eye-opener for both academic, technical staff, professionals as well as students, by providing valuable insights into the transformative role of Artificial Intelligence (AI) within the context of modern industrial environments. Participants were introduced to how AI technologies are increasingly being integrated into various aspects of manufacturing processes, streamlining operations, enhancing productivity and supporting data-driven decision-making.

Interactive discussions and practical examples helped bridge the gap between theoretical understanding and industrial applications.

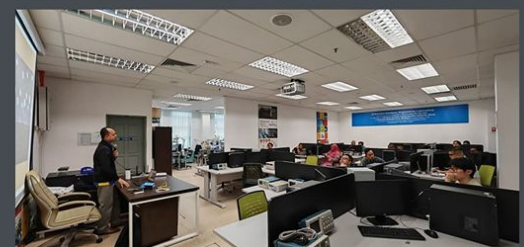


Training Reciprocate on Industry 4.0 & Industrial Internet of Things (IIOT) at UNIMAP

Universiti Malaysia Perlis (UNIMAP) team successfully conducted a Training Reciprocate session titled "Industry 4.0 & Industrial Internet of Things (IIoT)" as part of ongoing efforts to enhance professional development and capacity building.

This comprehensive training brought together participants in an engaging and collaborative learning environment designed to advance excellence, innovation, and capacity building. The program emphasized the practical application of Industry 4.0 technologies, IIoT, digital twin concepts through hands-on training sessions, enabling attendees to gain valuable, real-world skills.

By integrating theoretical knowledge with practical experience, the training equipped students and professionals with the essential competencies needed to lead digital transformation initiatives and contribute effectively to the evolving demands of modern industries.



Awareness & Accessibility Training for Rural Community by UMPSA & UNIMAP

On 6 September 2025, Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) and Universiti Malaysia Perlis (UNIMAP) jointly organized an impactful awareness and accessibility training session aimed at empowering rural communities through digital transformation. The event served as a platform to introduce and disseminate the objectives of the GetInnovative4Impact project, a strategic initiative designed to bridge the digital gap and foster broad technological growth. Central to the program was the promotion of UMPSA's newly developed digital transformation lab, envisioned as a hub for innovation, education, and community engagement. The training emphasized the importance of digital literacy and accessibility, equipping participants with knowledge and tools to navigate the evolving digital landscape.

The presence of the Penang State Assemblyman underscored the significance of the initiative, reflecting strong governmental support for rural digital empowerment.



Reciprocate Training at NEDUET

NED University of Engineering and Technology (NEDUET) hosted a reciprocate training on September 19, 2025. This training session focused on the introduction to the Internet of Things (IoT). This insightful event took place within the newly established GetInnovative4Impact Center of Excellence at NEDUET, marking a significant step toward advancing technological education and innovation for this project.

The training aimed to enhance collaborative learning and equip participants with foundational knowledge of IoT, setting the stage for future developments in



Capacity Building Training at DCU

Awareness & Accessibility Training at UET Peshawar by UETT

Dissemination of Project Activities on Different Forums

Student Competition by UniMAP

Awareness & Accessibility Training at Karakorum International UET by UETT

Progress of the Project

The project has completed its second and half year, with twenty-six out of thirty-six deliverables. The team is working diligently to ensure timely completion.

Impact of the Project

Over these two and half year, team GetInnovative4Impact is continuing their way to revolutionize the pedagogy and curriculum of mechanical and manufacturing engineering in Pakistan and Malaysia. The team has been gone through several dissemination activities such as Continuing Professional Development Courses (CPD), Digital Manufacturing related competitions, Seminars and Workshops, Annual Conferences, Capacity Building Trainings of Faculty Members etc.

It has trained over one thousand and five hundred individuals, encompassed over ten different courses in the curriculum of Pakistan and Malaysian HEIs and conducted two annual conferences related to digital manufacturing, multiple faculty development training in Ireland, Italy, Malaysia and Pakistan.

In essence, the dissemination of digital manufacturing and transforming the pedagogy through the Erasmus+ CBHE project GetInnovative4Impact has been initiated and thousands of more individual will be benefitted through the project and its activities.

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