

NEWSLETTER 1

DIGITAL AND GREEN SKILLS

We are happy to announce two cutting-edge courses designed to equip educators, and trainers, with the knowledge and skills to thrive in digital and green economies.

These courses are tailored for professionals in Higher Education Institutions (HEIs) and Vocational Education and Training (VET), providing hands-on expertise in their respective fields. Explore the details below:

Digital Industry Course

This course is designed to empower educators with the tools to integrate and utilize digital technologies in their teaching environments. Whether you are a novice or experienced user, this course will cover essential aspects of digital transformation in education, ensuring that you can enhance your teaching practice.

Key Areas Covered:

- **Digital and Computer Science Training:** Gain essential knowledge in digital technology fundamentals.
- **E-learning Space Creation:** From introduction to advanced levels, learn how to set up and manage an engaging virtual learning environment.
- **Educational Innovation:** Explore innovative pedagogical approaches, accessibility, continuous learning models, micro-credential systems, and more.
- **Improving Learning Effectiveness:** Learn how to define course objectives, create visually appealing materials, and engage learners with interactive activities and assessments.
- **Innovative Digital Tools:** Discover and master tools such as collaborative whiteboards, video conferencing platforms, and other web-based resources for distance and blended learning.
- **Instructional Design Principles:** Build robust online courses that cater to diverse learner needs.
- **Legal and Ethical Aspects:** Understand the crucial guidelines for online teaching.
- **Course Evaluation and Quality Improvement:** Learn how to assess and enhance the quality of your online courses. Participants who complete this course will be equipped to implement their new skills at a level aligned with professional qualifications.

Green and Sustainable Education Course

In response to the growing demand for sustainability-focused practices, this course offers trainers, educators, and experts a comprehensive overview of green technologies and processes that are vital for fostering a greener economy. By addressing sustainability in both education and industry, the course aims to facilitate the transition to more environmentally friendly practices.

Key Areas Covered:

- **Green and Sustainable Education:** Gain insights into educational practices that promote sustainability.
- **Sustainable Manufacturing:** Learn about cutting-edge technologies, including digital twins, additive manufacturing, lifecycle analysis, and circular economy practices.
- **Energy-efficient Technologies:** Explore energy-saving methods in material handling and industrial assembly.
- **Industrial Automation and Robotics:** Understand the role of automation, machine vision, and deep tech in reducing environmental impact.
- **Sustainable Construction:** Dive into sustainable design principles, renewable and recyclable materials, and low-energy construction techniques.
- **Green Technologies in Industry:** Discover innovative solutions that support the green transition in the manufacturing and construction sectors.
- **Green Industrial Policy:** Learn how green standards, certifications, and policies enhance market access and competitiveness.
- **Green Jobs and Skills:** Understand how to prepare for green jobs that ensure social inclusion and decent work opportunities. Trainees who successfully pass the examinations are expected to be able to apply the achieved learning outcomes at a level in line with the Specialized Proficiency level of the qualification diploma.

The improved teaching programs will introduce more interactive and participatory methods, such as flipped classrooms and project-based learning, which will enhance student engagement and understanding.

Staff expertise will be strengthened through professional development in digital tools and green technologies, as well as certifications in sustainable practices and digital education, improving their ability to teach complex subjects.

Advanced e-learning platforms will provide personalized learning experiences, helping students retain information more effectively, while innovative digital assessment tools will offer immediate feedback to reinforce learning.

Regular workshops, seminars, and community engagement initiatives, including open days and technology demonstrations, will raise awareness about the importance of modern technologies like digital education and green practices, fostering greater support from students, parents, and local businesses.

Partners



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