



PROJECT NOTIFICATION

Reference No.: 317

Date of Issue	22 February 2024
Project Code	24-IP-18-GE-TRC-A
Title	Training Course on Applications of Virtual and Augmented Reality
Timing	23 April 2024–26 April 2024
Hosting Country(ies)	Republic of Korea
Venue City(ies)	Not Applicable
Modality	Online
Implementing Organization(s)	Korea Productivity Center and APO Secretariat
Participating Country(ies)	All Member Countries
Overseas Participants	38
Local Participants	12
Closing Date	5 April 2024
Remarks	Not Applicable

Objectives	Understand the concepts of virtual reality/augmented reality (VR/AR) and their transformative impact across various sectors; learn about VR/AR applications in various sectors and their impact on productivity; and examine VR/AR project management and foresight, ethical considerations, and integration with AI.
Rationale	Utilizing VR/AR technologies promises to revolutionize productivity and efficiency in multiple sectors. It also represents a forward-thinking initiative to equip APO members with cutting-edge technological capabilities. VR/AR technologies stand at the forefront of the Fourth Industrial Revolution, offering unprecedented opportunities. By imparting knowledge of these advanced technologies, the APO aims to advance its mission of promoting sustainable productivity growth, thereby contributing to the socioeconomic development of its members.
Background	<p>VR and AR technologies have been rapidly evolving, impacting various sectors and providing new ways of experiencing products and services. A significant shift is observed in how these technologies enhance training, product design, and customer engagement. A 2020 PwC report highlighted the transformative power of VR and AR for businesses and the economy as a whole, and how VR and AR have the potential to significantly impact global GDP, with estimates of up to USD1.5 trillion by 2030. That report clearly indicated how VR/AR technologies could disrupt traditional business models and create new opportunities for growth, innovation, and productivity.</p> <p>In line with the APO's effort to promote smart transformation through digitalization, this online course is designed to enhance the capabilities of participants to apply innovative VR/AR solutions in areas like education, healthcare, and business, thereby enhancing operational productivity and fostering technological advances.</p>
Topics	Basics of VR/AR: Concepts, hardware, and software; VR/AR in education, healthcare, and business; Building VR/AR environments: Design and interaction; Strategic and ethical aspects of VR/AR; and AI integration and future trends in VR/AR.
Outcome	Participants will understand VR/AR and its cross-sectoral applications, learn about its strategic implementation and future trends, and integrate VR/AR solutions effectively in various organizational contexts.
Qualifications	Government officials, consultants, trainers from NPOs, business leaders, and representatives of industrial associations or enterprises.

Please refer to the implementation procedures circulated with this document for further details.



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