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The real world visits the virtual world at Ewell’s NESCOT

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Principals and teachers from across the world visited Nescot (North East Surrey College of Technology) College in Ewell, Surrey last week, to try out its brand-new virtual reality (VR) immersive classroom. Delegates from Brazil to Bulgaria and South Africa to Singapore joined a visit arranged by global education network ORT for a masterclass on artificial intelligence (AI), chatbots, and the use of immersive technology in education.

The Nescot immersive classroom is packed with state-of-the-art technology, including an Igloo (a pod with a 360-degree projection system), immersive room, vehicle simulators, and VR headsets. The international delegates were able to try these out and found themselves virtually transported to different spaces, driving diggers on a construction site, and exploring hazards in a health and safety simulation. Students from across the curriculum at the college use the room to gain skills and experiences they couldn’t easily access elsewhere.

The visit to Nescot was part of ORT’s Hatter technology seminar programme, where professional educators from around the world explore the latest developments in science, technology, engineering, and maths teaching and learning.

Somayyeh Clifton, Head of Quality Improvement & Innovation at Nescot, who led the masterclass, said: “It’s been so fantastic to welcome delegates from across the globe to Nescot to share ideas, experience, and knowledge on AI. It’s also been brilliant to give them a demo of our incredible equipment, which makes learning exciting, interactive, and fun. Working with other education professionals like this is so valuable, with different perspectives helping to inspire our work going forward. We’re all working to give students the best education, which will lead to fulfilling careers in the modern world. Our excellent facilities at Nescot have been a game changer.”

Leor Harel, World ORT Learning Development Manager, said: “Nescot’s VR classrooms are a groundbreaking approach to education and immersive technology. This visit was a perfect opportunity for our group of global education experts to see first-hand a world-leading provision. We are delighted that our teachers will go back to their schools and apply the principles and learnings from their time at Nescot.”

Nescot is a hub of innovation, with the Sussex and Surrey Institute of Technology hosting robotics, AI, and cyber security facilities. The college is part of the AI in Education initiative, with Principal and CEO Julie Kapsalis sitting on the Strategic Board. AI in Education aims to support and advise schools and colleges so they can maximise the benefits of AI and minimise the risks.

The funding to create the immersive space was provided from the Government’s Local Skills Improvement Fund, a project which aims to support local people into work. As well as being beneficial for education professionals and Nescot students, the college is encouraging local businesses to get involved by using the technology to train staff. Partnerships with business and enterprise are invaluable for both parties, as organisations get to access cutting-edge training and learning resources, plus a pool of talented, experienced students who can enter the workforce via apprenticeships, work placements, and post-college recruitment.

Nescot offers college courses for school leavers and adults, with a wide range of career-focused vocational courses including Animal Care, Business, Computing and IT, Construction, Performing Arts, Childcare, Health & Social Care, and Beauty Therapy.

To find out more, call 020 8394 3038, visit www.nescot.ac.uk or email adviceteam@nescot.ac.uk.

Local businesses interested in using the immersive classroom for training, or working with the college on apprenticeships, work placements, or recruitment should contact businesscentre@nescot.ac.uk or call 020 8394 8593.

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