



For New Generation Education: Nevşehir Hacı Bektaş Veli University Virtual Reality (VR) Laboratory

Virtual Reality (VR) Laboratory combining the power of technology with education

Combining the power of technology with education, the Virtual Reality (VR) Laboratory takes students' learning experience to a revolutionary level. This innovative environment eliminates the boundaries in education by allowing students to experience, discover and understand theoretical knowledge in practice. The VR Laboratory offers a unique educational opportunity for students of all ages and levels.



Oculus Quest 3

Oculus Quest 3 offers interactive and immersive learning environments in education with virtual reality (VR) technology. It provides experiences such as virtually visiting historical sites in history classes, exploring the human body or space in science classes. It can also be used in technical training to simulate the operation of complex machines or to develop hands-on skills in a safe environment. This technology increases students' attention, making learning more engaging and effective.

DJI RS4 Combo

The DJI RS 4 Combo is used in video production and media education. Students can learn professional-level video stabilization and experience cinematic shooting with this gimbal system. It can be used in real-world applications to strengthen content creation and digital media management skills. It is also used in 360-degree virtual space shooting.



Insta 360

Insta360 can be used to create interactive and immersive content in education. Thanks to its 360-degree shooting feature, students can prepare virtual tours and explore historical sites, natural areas or industrial facilities. In science classes, it allows experiments to be watched from different angles or motion analysis to be performed in sports training. It also allows students to prepare visual storytelling and virtual reality projects by increasing their creative content development skills in media and communication classes.



Canon Camera



Panoramic shots can be taken using a camera. These shots can be combined to create virtual tours, educational materials, or interactive visuals. In education, they can provide immersive experiences that allow detailed exploration of historical sites, natural areas, or laboratories.

For virtual reality (VR) content, cameras record every aspect of scenes with multi-angle shots and convert them into formats compatible with VR devices. These contents can be used to enhance course materials, provide hands-on learning, or allow students to experience specific topics in virtual worlds.

Virtual Reality Glasses

Virtual reality (VR) glasses provide students with interactive and immersive learning experiences in education. They can make abstract concepts tangible, such as reviving historical events, exploring distant geographic areas, or visualizing complex scientific processes. In practical training, they provide the opportunity to develop skills by doing simulations in a safe environment. They also increase students' attention, make the learning process more fun, and allow them to actively participate in information.





NEVÜ Virtual Reality (VR) Laboratory caters to students at all levels from primary school to university. Educators can also use the laboratory for in-class activities, experimental lessons or special applications.

Our Virtual Reality (VR) Laboratory facilities;

- Realistic Simulations
- Interactive Education
- Real-Time Feedback
- Unlimited Discovery Area
- Customized Education Modules

Our College Students Experienced Virtual Reality in Class

In the "Fundamentals of Mechatronics" course conducted by Prof. Dr. Hilmi ÇOLAKOĞLU, a faculty member of Hacibektaş Technical Sciences Vocational School, Virtual Reality (VR) technology was explained to the students, and with the VR videos related to the course, how the students will use VR technology in the field of Mechatronics and the innovations brought by VR technology were explained with examples.

