

Infrastructure / Equipment Overview Table

Laboratory for Database, Programming Technologies and e-learning

| | Details |
|---------------------------------------|---|
| Partner | University "St. Kliment Ohridski" - Bitola, Faculty of Information and Communication Technologies |
| Equipment type | Database, Programming Technologies and e-learning Laboratory |
| Target Group | Startups, Industry, Public Administration, Researchers |
| Key Technology | Database, programming technologies and e-learning |
| Status | Ready to use |
| Requirements for Participation | Relevant project or need, basic technical knowledge |

Description of Available Infrastructure and Equipment

The goal of the Laboratory for Databases, Programming Technologies and E-Learning is for students of the Faculty of Information and Communication Technologies (FICT) and other interested persons to acquire practical knowledge, skills and abilities through laboratory exercises and research work, with which they can respond to the needs of the labor market in the upcoming period.

The laboratory primarily holds laboratory exercises in the fields of databases, programming technologies, information systems, data processing, data science, artificial intelligence, user interfaces, e-learning, high-performance computing, as well as conducting exercises and teaching with hybrid teaching equipment for combined learning with physical presence and distance learning (online).

The laboratory is equipped with 30 modern computers. The laboratory is used by students of the Faculty of the first, second and third cycle for teaching, scientific research and applied work.

All lecture halls for holding classes at the Faculty are equipped with projectors. Other equipment at the Faculty's disposal is a modern sound-proofed amphitheater, printers, copiers, laptop computers, a modern network infrastructure that covers the entire facility with wired and wireless internet.