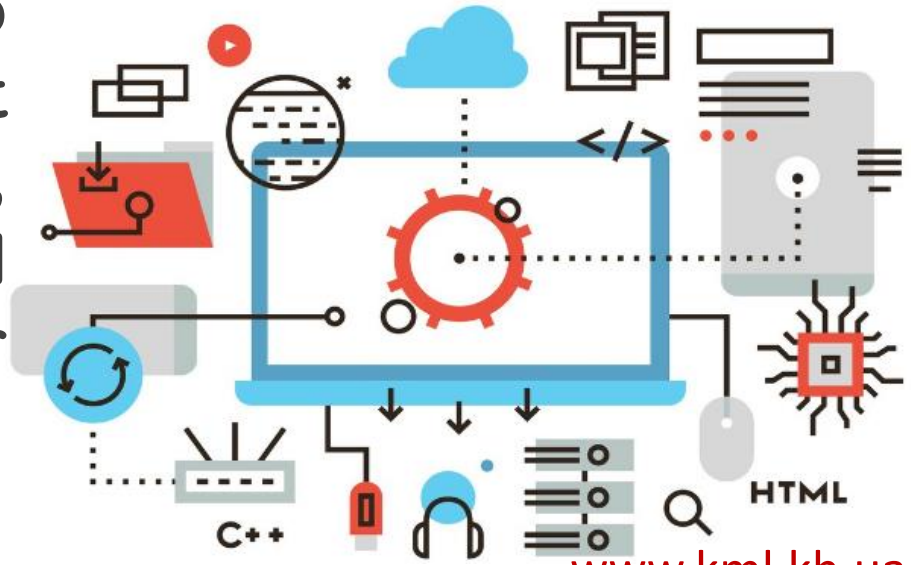
Department of Computer Monitoring and Logistics

Proposal for Partnership

Our students has the privilege of learning from leading experts in the field of computer science.

Throughout our studies, they'll be encouraged to become an independent and self-motivated learners, thriving on challenge and opportunities to think for themselves.



About Us

Direction : «Computer science and information technologies»

Specialty: Software information technologies of internet of things

Qualifications:

Bachelor's degree: IT Specialist (Term 4 years);

Master's degree : Computer System Analyst (6 years);

About Us

Department of Computer Monitoring and Logistics provides courses about all kinds of

- computational systems,
- computational theory,
- design,
- development and application.

This includes

- programming languages,
- software engineering,
- artificial intelligence,
- operating systems,
- databases,
- nature-inspired computation,
- concurrent computing,
- robotics
- theory of computation.

The degree incorporates concepts from fields as diverse as mathematics, engineering, linguistics etc.

Certification Programs

Department of Computer Monitoring and Logistics has the agreement with **Oracle Corporation** and **Microsoft IT Academy**

ORACLE ACADEMY

Microsoft IT Academy

Our department offers a number of **certification programs** that cover a wide range of careers in IT industry

Current Projects

- Erasmus Mundus External Cooperation
- Europaforum Neumarket
- Marie Curie Actions DISKNET
- 'JICA Knowledge Co-Creation (KCC) Program'
- DAAD

Erasmus Mundus

SPONSORED BY THE

DAAD Federal Ministry of Education and Research

MARIE CURIE ACTIONS

European Commission TEMPUS

Our Partners

ARISTOTLE UNIVERSITY OF THESSALONIKI

Centre for Research & Technology Hellas - (CERTH)

ACADEMY

CPERI

Chemical Process and Energy Resources Institute

Microsoft IT Academy

GlobalLogic

Proposal for Partnership

Our main experience lies in the fields of

- Fuzzy logic and fuzzy control
- Programming
- Data mining, machine learning, and knowledge-based modelling
- Image and signal processing
- Aggregation functions and dependence structures

We are solving problems in the fields of

- Fault detection and quality control
- Image and signal processing
- Knowledge-based modeling
- Prediction in and control of complex systems

Our summarized objectives by the following keys:

- Continuation of the basic research activities
- Applied research for industries
- Workshops for engineers, teachers, students, and companies
- Consulting and management of industrial projects

Head of Department

Department of Computer Monitoring and Logistics

Prof. Ruskin Lev
Doctor of Technical Science,
Full Professor

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STUDENTS STUDY IN IT:

- **OPERATING SYSTEMS AND CLOUD TECHNOLOGIES**

Windows Server 2016, Windows 10, Azure, UNIX (Linux);

- **SOFTWARE AND ARDUINO PLATFORM**

Microsoft IT Academy, Oracle IT Academy;

- **DATABASE MANAGEMENT SYSTEMS**

MS SQL Server 2008; MySQL 5;

- **APPLICATION SOFTWARE SYSTEM**

the systematization for complex financial and office activities;

- **PLATFORMS PROGRAMMING AND MOBILE APPS DEVELOPMENT FOR IOS, ANDROID**

.NET, JAVA;

STUDENTS STUDY IN IT:

- **WEB PROGRAMMING AND WEB DESIGN**

HTML5, CSS3, PHP;

- **MEANS OF VISUAL OBJECT - ORIENTED DESIGN AND PROGRAMMING**

MS Visual Studio 2013, Eclipse, IntelliJ IDEA;

- **GRAPHICS EDITORS**

PhotoShop, Corel Draw;

- **FLEXIBLE SOFTWARE DEVELOPMENT METHODOLOGIES**

XP, Scrum;