Department of Computer Monitoring and Logistics

Proposal for Partnership

Head of Department

Department of Computer Monitoring and Logistics

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Full Professor

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About Us

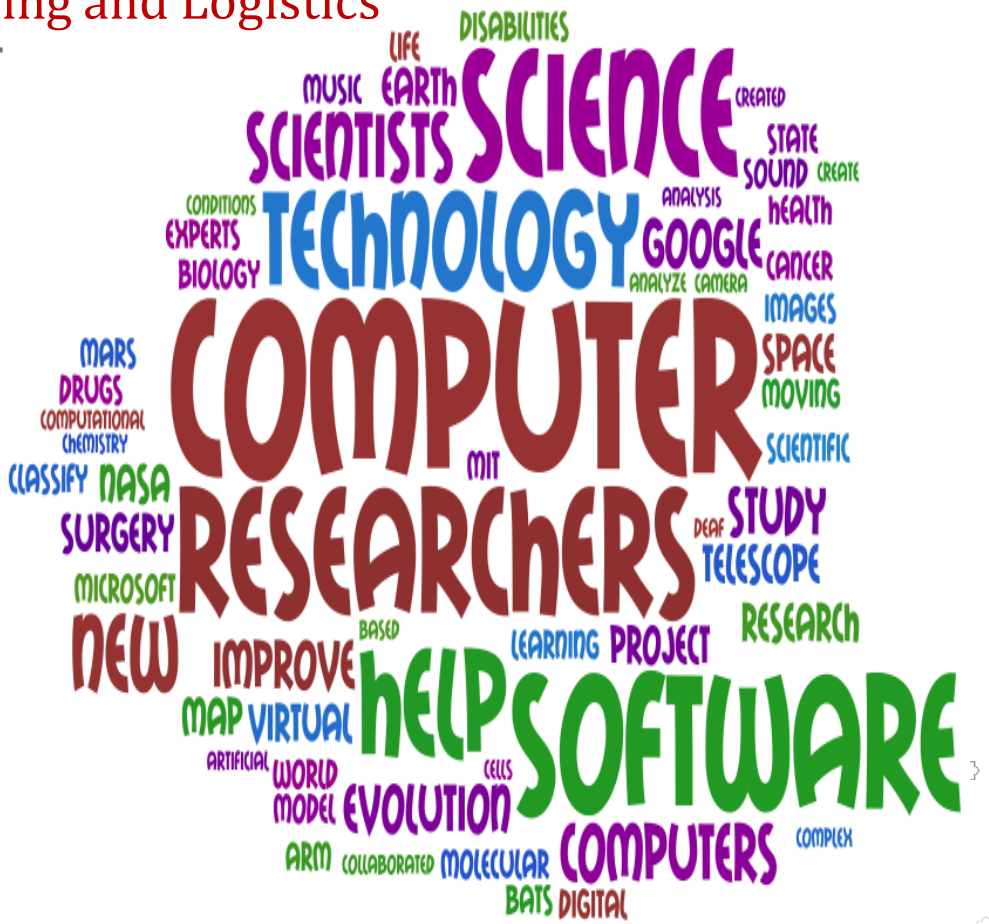
Department of Computer Monitoring and Logistics

provides courses about all kinds of

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

This includes

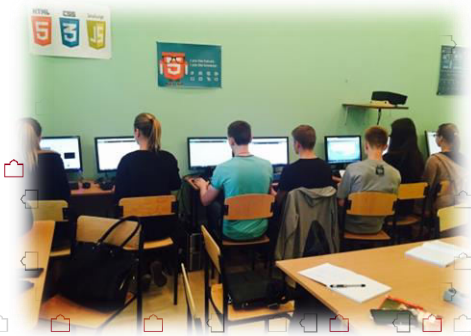
- programming languages,
- software engineering,
- artificial intelligence,
- operating systems,
- databases,
- nature-inspired computation,
- concurrent computing,
- robotics
- theory of computation.



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

About Us

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.



Specialty: Intellectual systems of making decisions

Qualifications:
Bachelor's degree: IT Specialist (Term 4 years)
Master's degree : Computer System Analyst (6 years)

Department of Computer Monitoring and Logistics →www.kml.kh.ua

Certification Programs

Department of Computer Monitoring and Logistics

has the agreement with **Oracle Corporation** and **Microsoft IT Academy**

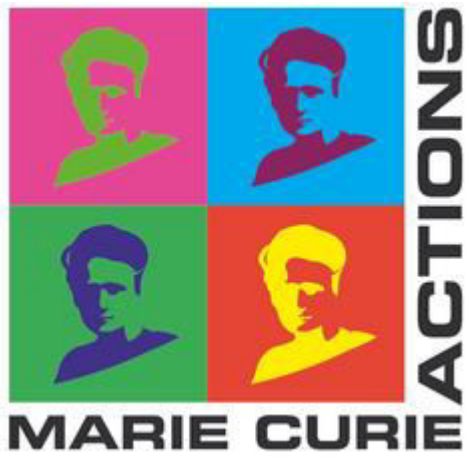
Our department offers a number of **certification programs** that cover a wide range of careers in IT industry

Scientific Publications

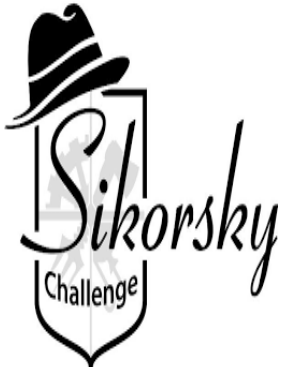
- Lev Raskin, Oksana Sira. Method of solving fuzzy problems of mathematical programming//Eastern-European Journal of Enterprise Technologies. – 2016. – Vol. 5, Issue 4. – P. 23–28. DOI: 10.15587/1729-4061.2016.81292
- Pihnastyi O.M. Statistical validity and derivation of balance equations for the two-level model of a production line // O.M. Pihnastyi // Eastern-European Journal of Enterprise Technologies. Kharkiv: PC "TECHNOLOGY CENTER". - 2016. – vol 5. – № 4 (83). - P. 17 – 22.
- Alena V. Ved, Valery E. Ved, Evgeny V. Krasnokutskiya, Marat I. Satayev, Abdilla A. Saipov Calculation of the Operation Parameters of the Catalytic Converters of the Harmful Gas Impurities// Chemical Engeneering Transactions. -2016. vol. 52, 2016
- O. Ved, Y. Tolchinsky Numerical simulation of the thee level modeling approach of exhaust gas catalytic combustion reaction mechanism / CAPE Forum 2015 Computer Aided Process Engineering / University of Paderborn. April 27-29, 2015 Paderborn, Germany. – P. 133
- Sira O.V. Generalized transport problem with intermediate centres / O.V. Sira // Techniczne nauki budownictwo i architekture nowoczesne informacyjne technologie.- Przemysl.: Nauka i Studa. - 17 (85). - 2013. P 59-65.
- Olena V. Ved, Valery E. Ved, Leonid L. Tovazhnynskii, Yuriy A. Tolchinskii,2013, Theoretical substation model of catalytic CO conversion process and experimentalconfirmation//// CAPE Forum 2013 Computer Aided Process Engineering /Graz University of Technology. April 7-10, 2013 Graz, Austria. – P. 6
- Olena V. Ved, Panos Seferlis, Petro O. Kapustenko, 2013, A multi-level mathematical model of the co catalytic conversion process, Chemical Engineering Transactions, 35,691-696 DOI:10.3303/CET1335115
- Olena V. Ved, Leonid L. Tovazhnynskii, Yuriy A. Tolchinskii,2012, Model of co pre-oxidation concentrated on surface of catalyst and dimensional dispersion on macro level of catalyst capacity// CAPE Forum 2012 Computer Aided Process Engineering / University of Pannonia. April 26-28, 2012 Veszprem, Hungary. – P. 37
- Olena V. Ved, Petro O. Kapustenko, Kapustenko P. 2011, Mathematical model of the carbon monoxid conversion in porous catalyst, // Chemical Engeneering Transactions. -2011. vol. 25, p. 1025-1030 DOI: 10.3303/CET1125171

Current Projects

- Erasmus Mundus External Cooperation
- Europaforum Neumarkt
- Marie Curie Actions DISKNET
- ‘JICA Knowledge Co-Creation (KCC) Program’
- DAAD



Our Partners



HELLENIC REPUBLIC

ARISTOTLE UNIVERSITY OF THESSALONIKI

Centre for Research & Technology Hellas - (CERTH)

<epam>

CPERI

Chemical Process and Energy Resources Institute

ORACLE

ACADEMY

Rakuten

Microsoft IT Academy

escore TECHNOLOGIES

GlobalLogic

Proposal for Partnership

Our main experience lies in the fields of

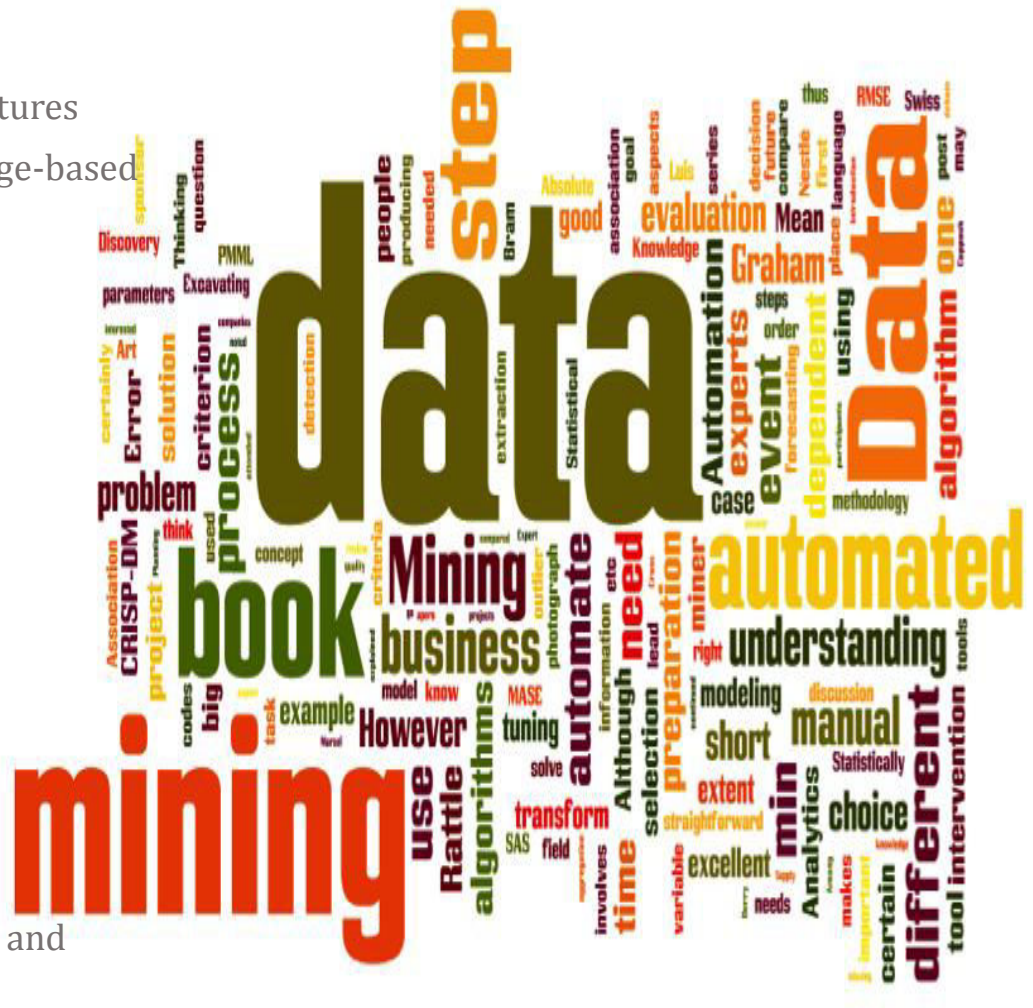
- Fuzzy logic and fuzzy control
- Aggregation functions and dependence structures
- Data mining, machine learning, and knowledge-based modelling
- Image and signal processing
- Programming

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



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Contact Us

Department of Computer Monitoring and Logistics

Feel free to contact us →

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