



Ss. Cyril and Methodius
University in Skopje,
Faculty of Computer
Science and Engineering

Academia – Industry
cooperation, the case of FCSE

Assoc. prof. Ivan Chorbev, PhD



History of FCSE



Faculty of Electrical
Engineering and
Information Technologies

Institute of computer
technics and informatics
(1982)

Faculty of Natural
Sciences and
Mathematics

Institute of informatics
(1985)



**FACULTY OF COMPUTER SCIENCE
AND ENGINEERING
(2011)**

Statistics

- 752 freshmen chose FCSE in 2016
- The total number of students at FCSE is more than 4000
- The FCSE teaching staff consists of 46 professors and 35 associates
- FCSE has 8 undergraduate studies (one in English), 15 master studies and two PhD studies programs.
- The FCSE Staff has participated in more than 200 international projects financed by the European Union (FP7, TEMPUS, COST), the United States of America (NSA, Office of naval research, Department of Energy), NATO, Germany (DAAD program), etc.

The Industry

- The FCSE has signed MoUs with over 250 different companies within the Republic of Macedonia and abroad.
- FSCE participated in multiple applicative projects.
- Internship at domestic companies with duration of minimum one month per year is mandatory for all FCSE students.
- FSCE provides full range of branded courses for its students (Microsoft Academia, Cisco Academia, Oracle Java Academia).

Industry participation in academic courses

- Propose and co-mentor projects for courses
 - Team work
 - Capstone project
 - Personal project
- Propose Diploma thesis projects
- Propose projects obligatory by students in other courses
- Invited lectures, plenary and within courses
- Company engineers serve as Teaching Interns

Extracurricular activities

- Support seminars organized by student organizations
- Organize seminars
- Support .NET user group
- Support Java user group
- Organize summer schools
- Support conferences



Recent FCSE consultancies

○ IT consultancy for government and public institution

- Ministry of Education and Science
- Ministry of Health
- Ministry of Information Society and Administration
- Public transportation company in Skopje – JSP
- Central Bank of the Republic of Macedonia
- State Election Commission
- etc

○ Company cooperation

- Sorsix
- Neocom
- Netcetera
- Seavus
- Cosmic

and many others

Универзитет „Св. Кирил и Методиј“ во Скопје
ФАКУЛТЕТ ЗА ИНФОРМАТИЧКИ НАУКИ И
КОМПЈУТЕРСКО ИНЖЕНЕРСТВО

Potentials

- Research and development
 - Cooperation between expert and professional teams
 - Work on Master and Ph.D. thesis.
- Application projects.
- Consulting and expert services;
- Educational activities
 - Continuous education of technical and engineering staff;
 - Joint participation in seminars and workshops;
 - Equipment donations of the second signatory for the CSE laboratories.
- Material and expert support
- Students scholarships



Conclusions

- More can be done with efforts from both sides

