



University "Ss. Cyril and Methodius" - Faculty of Electrical Engineering and Information Technologies - Skopje

WHO WE ARE:

The strategic devotion of the Faculty of Electrical Engineering and Information Technologies of "Ss. Cyril and Methodius" University is to further develop its role as a leading educational and research institution in the field of electrical engineering and new technologies in the FY Republic of Macedonia. In providing permanent technological innovation, quality and creativity in the student's curricula, the faculty strives to accomplish continual education of professional, creative and entrepreneurial individuals who will work successfully in their profession and who will create new jobs, affirm new opportunities and discover new horizons. The educational mission is realised through undergraduate and postgraduate studies as well as with developing intensive communication with students, the university, similar institutions worldwide, business and industry. Achieving permanent success in scientific research on national and international levels, the faculty's research mission is accomplished with doctoral thesis and with a number of joint international scientific projects.

Through enabling the conditions for transfer of knowledge and technology, the faculty provides respectable levels of support to the technological and economical sustainable development of the industry.

The strategic goals of the faculty are the:

1. Completion of the student's curricula according to the ECTS and providing continual education.
2. Strengthening and encouraging the attractiveness of professional and scientific degrees, promoting new career and business opportunities.
3. Strategy for development towards the EU community and quality of performance in accordance with EU standards.
4. Fostering and improving the possibility to meet the educational requirements of individuals of all professional and age categories.
5. Stimulating the efficient transfer of knowledge and expertise from academia to industry and involvement in the overall social development of the Republic of Macedonia.
6. Creation of "science villages" in order to achieve a larger interface between the faculty's huge research potential for creativity and innovative business.

COLLABORATION INTERESTS:

The Faculty of Electrical Engineering and Information Technologies – Skopje (FEIT) is open for all international research projects in this field. During the 50 years of its existence, FEIT has gained a vast experience in collaboration and coordination of different kinds of international projects. FEIT is a member of the IEEE and

uses all possible tools for partner searches. At this moment, the faculty is highly interested in FP7 and TEMPUS projects. The staff can provide services in all segments of project management, from research partners and scientific experts to project coordinators.

AREAS FOR R&D COLLABORATION:

The Faculty of Electrical Engineering and Information Technologies – Skopje is interested in collaboration in the following R&D areas:

- Automatics and systems engineering;
- Electronics;
- Electrical machines, transformers and apparatuses;
- Electro-heat, electrical welding and electrical traction;
- Power plants and systems;
- Computer science and computer engineering;
- Power systems;
- Telecommunications;

MAIN ACHIEVEMENTS:

From its establishment until today, the Faculty of Electrical Engineering and Information Technologies – Skopje has achieved exceptional international collaboration that is realised through participation in mutual scientific research projects, assemblies, symposiums, seminars and conferences, organised by international institutions or the faculty itself.

WHAT MAKES US A GOOD PARTNER?

The Faculty of Electrical Engineering and Information Technologies – Skopje has a lean structure that has the ability to focus its resources on ongoing activities according to current priorities. The support from the university makes FEIT a consistently reliable partner in any project. The commitment of the top management of the faculty for international collaboration motivates all of its employees in providing the best results in their international activities.

According to partners' experience from previous projects, FME has always been recognised as a timely and responsible party, whose results were judged with high marks for their validity and whose deliverables were praised for their scientific quality.

EU PROJECTS:

- EU FP6 EMF (2007-2009) – Upgrading the research capacities for safety and health effects of human exposure to electromagnetic fields.
- SmartGrids ERA.NET, FP7-ERANET-2007-RTD, Project number: 219343, Coordination and support action.
- SEEREN-South Eastern European Research and Education

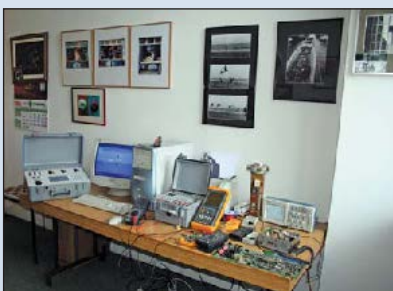
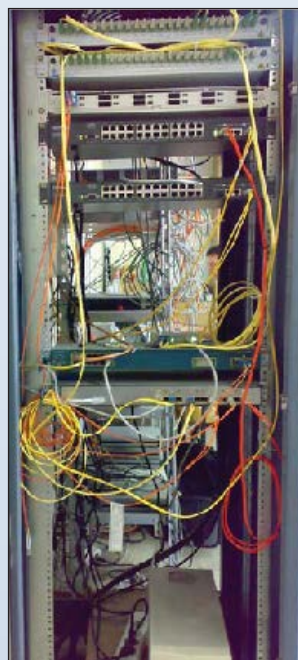


Network, Network Infrastructure Project, Financed by European Commission under FP5-IST, Contract No, IST-2001-38830.

- FP7-REGPOT-2008-1 Reinforcement of Research Potential of the Electronic Materials Characterization Laboratory.
- TEMPUS Project CD_JEP-17016-2002 – Restructuring and Up-Dating Electric Power Engineering Study.
- South East Europe Continuing Education Network (SEECEN) TEMPUS JEP-41154-2006.

OTHER PROJECTS:

Rehabilitation of the 6 Large Hydro Power Plants in Macedonia.
Establishing Centre for implementation of low-cost technologies for solar cells in Macedonia (CHEAP CELL).



OTHER INFORMATION:

Name of the organisation: University "Ss. Cyril and Methodius," Faculty of Electrical Engineering and Information Technologies – Skopje

Organisation type: University

Names of the research departments:

- Department of Automatics and Systems Engineering
- Department of Electronics
- Department of Electrical Machines, Transformers and Apparatuses
- Department of Electro-heat, Electrical Welding and Electrical Traction
- Department of Power Plants and Systems
- Department of Telecommunications

Number of researchers: 80

Working languages: Macedonian and English

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