



UNIVERSITY OF NOVI
SAD



FACULTY OF TECHNICAL
SCIENCES

INTERNATIONAL PROJECTS
(FP 7, TEMPUS, CEEPUS, WUS, INTERREG, IPA...)

List of projects in 2012., 2013. and 2014

Project Type	Number of projects
FP7	16
TEMPUS	11
IPA	6
EUREKA	6
COST	16
CEEPUS	22
Bilateral and Multilateral	12
Other	5
Total	94

FP7							
Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Smart Control of Demand for Consumption and Supply to enable balanced, energy-positive buildings and neighborhoods-	SmartCoDe	Faculty of Technical Sciences, University of Novi Sad Vienna Technical University, Austria Edacentrum GmbH Germany Infineon Technologies Austria Ag	Partner	Prof. Dr Veljko Malbaša	FP7	2010	2015
Reinforcement of Research Potentials of the Faculty of Technical Sciences in the Field of Post Silicon Electronics	APOSTILLE	Faculty of Technical Sciences, University of Novi Sad	Coordinator	Prof. Dr Goran Stojanović	FP7-POTENTIAL , FP7-REGIONAL	2010	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Towards Inclusion of Balkan Countries into Global Earth Observation	Balkan GEO Network	Faculty of Technical Sciences, University of Novi Sad Geonardo Environmental Technologies Ltd Hungary Erevnitiki & Anaptiksiaki Etairia Theoxaratos & Sia Oe Greece National Institute of Geophysics Geodesy and Geography - Bulgarian Academy Of Sciences Bulgaria, Internationales Institut Fuer Angewandte Systemanalyse Austria, Universiteit Gent Belgium Pokrajinski sekretarijat za poljoprivredu, vodoprivredu i šumarstvo, Joanneum Research Forschungsgesellschaft Mbh Austria	Coordinator	Prof. Dr Vladimir Crnojević	FP7	2010	2014
Design, Analysis and Applications of Novel Information Processing Paradigms For Multimedia Transmission In Next Generation Wireless Networks	MMCODESTREAM	Faculty of Technical Sciences, University of Novi Sad	Partner	Prof. Dr Vojin Šenk	FP7-PEOPLE	2010	2014

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Multiband Electronically Reconfigurable Microwave Devices and Antennas for a New Generation of Wireless System	MULTIWAVES	Faculty of Technical Sciences, University of Novi Sad	Coordinator	Prof. Dr Vesna Crnojević Bengin	FP7-PEOPLE	2010	2014
Opportunistic networks and Cognitive Management Systems for Efficient Application Provision in the Future Internet	ONEFIT	Faculty of Technical Sciences, University of Novi Sad University of Piraeus Research Center Greece, Nec Technologies (UK) Limited United Kingdom Alcatel-Lucent Deutschland Ag Germany, Wroclawskie Centrum Badan Eit+ Sp Z O.O Poland Infineon Technologies Ag Germany, Universitat politecnica de catalunya Spain, Telefonica investigacion y desarrollo sa Spain	Partner	Prof. Dr Dragan Bošković	FP7-ICT	2010	2012

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Distributed Infrastructure for EXPERimentation in Ecosystem Research	EXPEER	Faculty of Technical Sciences, University of Novi Sad Bundesforschungs und Ausbildungszentrum für Wald, Naturgefahren und Landschaft, Austria Umweltbundesamt GMBH, Austria, Universiteit Antwerpen, Belgium, Danmarks Tekniske Universitet, Denmark, etc.	Partner	Prof. Dr Vladimir Crnojević	FP7	2010	2014
Low-Cost and Energy-Efficient Ltcc Sensor/Ir-Uwb Transceiver Solutions for Sustainable Healthy Environment	SENSEIVER	Faculty of Technical Sciences, University of Novi Sad Institute for Sensors and Actuators (ISAS), Vienna University of Technology, Austria Faculty of Electrical Engineering, Technical University Iasi, Romania Department of Microelectronics, Instytut Technologii Elektronowej, Krakow, Poland, Institute for Systems and Computer Engineering of Porto, Portugal, TES Electronic Solutions, Germany, North Point Ltd., Serbia	Coordinator	Prof. Dr Goran Stojanović	FP 7	2011	2015

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Environmental Optimization of IRigAtion Management with the Combined uSe and Integration of High Precision Satellite Data, Advanced Modeling, Process Control and Business Innovation –	ENORASIS	Faculty of Technical Sciences, University of Novi Sad Draxis Environmental S.A., Greece, Rheinisches Institut fuer Umwelt-Forschung an der Universitaet zu Koeln E.V., Instytut Uprawy Nawozenia i Gleboznawstwa, Panstwowy Instytut Badawczy, Noveltis SAS, IMAXDI Real Innovation, S.L., The Cyprus Institute, University of Patras Scuola Universitaria Professionale della Svizzera Italiana, Teknoset Bilgisayar Yazilim Ve Danismanlik Hizmetleri Sanayive Limited Sirketi Teknoset,etc.	Partner	Prof. Dr Vladimir Crnojević	FP7	2012	2014

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Enhanced Multicarrier Techniques for Professional Ad-Hoc and Cell-Based Communications	EMPhAtiC	Faculty of Technical Sciences, University of Novi Sad Centre Tecnològic de Telecomunicacions de Catalunya, Spanija, Conservatoire National des Arts et Métiers, Francuska, Technical University of Munich, Nemacka, Université Catholique de Louvain, Belgija, Computer Technology Institute & Press "Diophantus, Grcka, Ilmenau University of Technology, Stiftelsen SINTEF, Norveska, Francuska, Thales ommunications & Security, Francuska, Bitgear – Srbija, Magister – Finland.	Partner	Prof. Dr Slobodan Nedić	FP 7	2012	2014
Video Quality Driven Multimedia Streaming in Mobile Wireless Networks	QoSTREAM	Faculty of Technical Sciences, University of Novi Sad École Polytechnique Fédérale De Lausanne, University of Strathclyde Florida Atlantic University Texas A&M University National Institute of Informatics, Japan Universidade Tecnológica Federal do Parana Stellenbosch University	Partner	Ass. Prof. Dr Dubravko Čulibrk	FP7 IRSES	2012	2016

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
QB50 Projekat	QB50	<p>Faculty of Technical Sciences, University of Novi Sad</p> <p>Von Karman Institute for Fluid Dynamics and other institutes from around 40 countries.</p>	Partner	Prof. Dr Vojin Šenk	FP 7	2012	2016
Reinforcement of BioSense Center – ICT for Sustainability and Eco-Innovation	INNOSENSE	<p>Faculty of Technical Sciences, University of Novi Sad</p>	Coordinator	Prof. Dr Vesna Crnojević-Bengin	FP7	2013	2016
Researcher's night- All We Are Researchers	AWARE 3	<p>Faculty of Technical Sciences, University of Novi Sad</p>	Coordinator	Vladimir Todorovic, Head of International Relations Office	FP7 PEOPLE	2012	2012
Researchers' night- Sixth senses of science	SOS	<p>Faculty of Technical Sciences, University of Novi Sad</p>	Coordinator	Vladimir Todorovic, Head of International Relations Office	FP7 PEOPLE	2013	2013
Researchers' night- Friend To You	F2U	<p>Faculty of Technical Sciences, University of Novi Sad</p> <p>Technical School of Professional Studies, Faculty of Sciences, University of Novi Sad, Creative Educational Centre, Novi Sad, Centre for the Promotion of Science, Belgrade</p>	Coordinator	Vladimir Todorovic, Head of International Relations Office	FP7 PEOPLE	2014	2014

TEMPUS

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Education Policy Study Programme in Serbia And Montenegro (E.P.S.P.)	JP 159074 - 2009	Faculty of Technical Sciences, University of Novi Sad University of Belgrade, University of Kragujevac, Centre for Education Policy Serbia, Ministry of Education of the Republic of Serbia, Provincial Department for Education of the Autonomous province of Vojvodina, University of Montenegro, University of Ljubljana, University of Aarhus, K.U.Leuven BE, Ministry of Education and Science of Montenegro.	Partner	Prof. Dr Ladislav Novak	TEMPUS	2009	2012

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
National Platform for Knowledge Triangle in Serbia	KNOWTS JP 158881 – 2009	Faculty of Technical Sciences, University of Novi Sad University of Nis, University of Belgrade, University of Kragujevac, National Council for Higher Education, Serbian Chamber of Commerce, Ministry of Telecommunication and Information Society, Technical University Dortmund, Vienna University of Technology, Instituto Superior Técnico, University of Alicante, Canterbury Christ Church University	Partner	Prof. Dr Veljko Malbaša	TEMPUS	2009	2012
Master Studies and Continuing Education Network for Product Lifecycle Management With Sustainable Production	JP 144959-2008 MAS-PLM	Faculty of Technical Sciences, University of Novi Sad Politecnico di Torino, Univerzitet u Mariboru, Aristotelov univerzitet u Solunu, Univerzitet Ćirilo i Metodije u Skoplju, Univerzitet u Zagrebu, Univerzitet u Splitu, Univerzitet u Tetovu, loher elektro subotica, d.o.o., moldar d.o.o, inter-mehanika, d.o.o, University of Maribor, Aristotle University Thessaloniki, University Of Zagreb, etc.	Partner	Prof. Dr Zoran Anišić	TEMPUS	2009	2012

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Development of Environment and Resources Engineering Learning	JP 511001-2010	Faculty of Technical Sciences, University of Novi Sad University of Florence, Environmental Protection Agency, Serbia, Aristotle University Thessaloniki, Vienna University of Technology, Ruhr University Bochum, Cyril and Methodius University Skopje, Goce Delcev University, Stip, St. Kliment Ohridski University of Bitola, Polytechnic University of Tirana, etc.	Partner	Prof. Dr Goran Vujić	TEMPUS	2010	2013
Production and Profitability improvement in Serbia Enterprises by adopting LeanThinking Philosophy and strengthening Enterprise - Academia connections -	LeanEA	Faculty of Technical Sciences, University of Novi Sad University of Belgrade, Serbia, University of Kragujevac, Serbia, University of Nottingham, UK, University of Ljubljana, Slovenia, etc.	Coordinator	Prof. Dr Ivan Beker	TEMPUS	2010	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Network for Education and Training for Public Environmental Laboratories	/530554-TEMPUS-1-2012-1-SK-JPHES / NETREL	Faculty of Technical Sciences, University of Novi Sad Slovak University of Technology in Bratislava, Masaryk University, University of Portsmouth, University in Belgrade, University in Sarajevo, University of Banja Luka, Public Health Institute of Republic of Srpska, Utility company Vodovod AD Prnjavor, Federal Agromediterranean Institute of Mostar, etc.	Partner	Prof. Emeritus Mirjana Vojinović Miloradov	TEMPUS	2012	2015
Modernization of Wbc Universities Through Strengthening of Structures and Services for Knowledge Transfer, Research and Innovation	WBCInno	Faculty of Technical Sciences, University of Novi Sad Univerzitet u Kragujevcu, Serbia University of Brighton, Brighton, England, Graz University of Technology, Graz, Austria, Centre for Social Innovation, Vienna, Austria, University of Alicante, Alicante, Spain, Hamburg University of Technology, Hamburg, Germany, University of Zenica, Bosnia and Herzegovina, University of Banja Luka, Bosnia and Herzegovina, University of Montenegro, Podgorica, Montenegro, etc.	Partner	Prof. Dr Goran Stojanović	TEMPUS	2012	2015

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Development and Implementation of Courses for Theatre Technicians and Stage Managers	SCENTECH	Faculty of Technical Sciences, University of Novi Sad National Academy of Arts, Nottingham Trent University, UK, Royal Welsh College of Music and Drama, UK, University of Tuzla, etc.	Coordinator	Prof. Dr Radivoje Dinulović	TEMPUS	2012	2015
Development and Implementation of Master and Life Long Learning Program in Innovation Management	MAIN	Faculty of Technical Sciences, University of Novi Sad University of Stuttgart, Germany, Fraunhofer IAO, Germany, University of Kragujevac, Serbia	Coordinator	Ass. Prof. Dr Željko Tekić	TEMPUS	2013	2016
Fostering students' and open innovation in university - industry collaboration	iDEA Lab	Faculty of Technical Sciences, University of Novi Sad Fraunhofer IAO, Germany, University of Sheffield, UK, University of Stuttgart, Germany, WUS Austria	Coordinator	Vladimir Todorović, Head of International Relations Office	TEMPUS	2013	2016
Building Network of Remote Labs for strengthening university-vocational schools collaboration	NERELA	Faculty of Technical Sciences, University of Novi Sad University of Kragujevac, Serbia, University of Deusto, Spain, University of Maribor, Slovenia, etc.	Partner	Prof. Dr Dragan Šešlija	TEMPUS	2013	2016

IPA							
Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Establish the cross-border development of biogas industry via joint determination of biogas potentials, education, research and innovation	HUSRB/1002/2.1.4/041	Faculty of Technical Sciences, University of Novi Sad Department of Biotechnology, TTIK, University of Szeged	Coordinator	Prof. Dr Milan Martinov	IPA	2011	2013
Measurement, monitoring, management and Risk assessment of inland Excess Water in South-East Hungary and North Serbia (Using remotely sensed data and spatial data infrastructure)	MERIEXWA HUSRB/1002/1.2.1/088	Faculty of Technical Sciences, University of Novi Sad University of Szeged	Partner	Prof. Dr Miloš Živanov	IPA	2011	2013
Center of Excellence For Advanced and Intelligent Control CEFAIC	HUSRB/1203/22 1/020	Faculty of Technical Sciences, University of Novi Sad	Coordinator	Prof. Dr Zoran Jeličić	IPA	2013	2014

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Cross-border network for knowledge transfer and innovative development in wastewater Treatment	WAHASTRAT HUSRB/1203/22 1/196	Faculty of Technical Sciences, University of Novi Sad	Coordinator	Prof. Dr Vladimir Crnojević	IPA	2013	2014
Joint development of curricula and teaching materials of mechanical engineer on MSc. Level	DEVMECUR HUSRB 1203/221/075	Faculty of Technical Sciences, University of Novi Sad	Coordinator	Prof. Dr Vojin Grković	IPA	2013	2014
Renewable energy virtual laboratory	HUSRB/1203/21 4/248 REVLAB	Faculty of Technical Sciences, University of Novi Sad University of Szeged, Hungary	Coordinator	Prof. Dr Branko Milosavljević	IPA	2014	2015

EUREKA							
Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Text-to-Speech Technology for Embedded Devices	TESTED	Faculty of Technical Sciences, University of Novi Sad	Coordinator	Prof. Dr Vlado Delić	EUREKA	2009	2012
The Remotely Controllable Variable Message Signalisation System	E! 4924 REMSIS	Faculty of Technical Sciences, University of Novi Sad University of Ljubljana / Faculty of Maritime Studies and Transport Sipronika d.o.o. Ljubljana Iskra Techno R&D Institute. Tehnomobil-Protech Ltd.	Partner	Prof. Dr Vladimir Crnojević	EUREKA	2009	2012
Miniature Metamaterial-Based Sensing Devices for Agricultural, Environmental and Geological Applications	MetaSense	Faculty of Technical Sciences, University of Novi Sad Cimatec-dept. D'enginyeria electronica universitat autonoma de Barcelona, Spain	Coordinator	Prof. Dr Vesna Crnojević- Bengin	EUREKA	2009	2012
Innovative Eco Friendly Metal Processing Solutions	EUREKA!5005 INNECO-MPS	Faculty of Technical Sciences, University of Novi Sad Univerzitet u Ljubljani, Fakulteta za strojninstvo, Kovarnica Zastava-Kragujevac	Partner	Prof. Dr Miroslav Plančak	EUREKA	2010	2012

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
New Generation of 3d Integrated Passive Components & Microsystems In Ltcc (Low Temperature Co-Fired Ceramic) Technology	E! 4570 IPCTECH	Faculty of Technical Sciences, University of Novi Sad Tu Wien/ Inst. Of Sensor And Actuator Systems, Instytut Technologii Elektronowej Hipot-Rr D.O.O, Institute Jozef Stefan / Electronic Ceramics Department (K5)	Partner	Prof. Dr Goran Stojanović	EUREKA	2011	2014
Video Content Analysis for Automated Traffic Surveillance	VICATS	Faculty of Technical Sciences, University of Novi Sad University College Ghent	Partner	Prof. Dr Vladimir Crnojević	EUREKA	2011	2014

COST

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Cognitive Radio and Networking for Cooperative Coexistence of Heterogeneous Wireless Networks	IC0902	Faculty of Technical Sciences, University of Novi Sad Universite Libre de Bruxelles, Belgium, Czech Technical University in Prague, Faculty of Electrical Engineering Sapienza University of Rome	Partner	Prof. Dr Veljko Malbaša	COST	2009	2013
Novel and Reliable Optical Fibre Sensor System for Future Security and Safety Applications	OFSeSa	Faculty of Technical Sciences, University of Novi Sad University of Limerick Optical Fibre Sensors Research Centre, Ireland, Graz University of Technology Engineering Geodesy and Measurement Systems, Austria, Aalto University, Department of Micro and Nanosciences, Finland	Partner	Ass. Prof. Dr Miloš Slankamenac	COST	2009	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
<u>Intelligent Monitoring, Control and Security of Critical Infrastructure System</u>	IntelliCIS	Faculty of Technical Sciences, University of Novi Sad University of Cyprus Department of Electrical and Computer Engineering, Nicosia, Cyprus Institute of Computer Science, Prague, Academy of Sciences of the Czech Republic, Technical University of Denmark, Department of Electrical Engineering, Kongens Lyngby, Denmark, University of Piraeus, Greece	Partner	Prof. Dr Veljko Malbaša	COST	2009	2013
RF CSET - RF/Microwave Communication Subsystems for Emerging Wireless technologies	114-451-01830	Faculty of Technical Sciences, University of Novi Sad	Partner	Prof. Dr Vesna Crnojević Bengin	COST	2009	2013
SoftStat - Combining Soft Computing Techniques and Statistical Methods to Improve Data Analysis Solutions	IC 0702 / SoftStat	Faculty of Technical Sciences, University of Novi Sad Intelligent Data Analysis and Graphical Models Research Unit European Centre for Soft Computing, Campus Mieres Vienna University of Technology	Partner	Ass. Prof. Dr Dubravko Čulibrk	COST	2009	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Knowledge Discovery from Moving Objects	MOVE 114-451-3436	Faculty of Technical Sciences, University of Novi Sad	Partner	Prof. Dr Vladimir Crnojević	COST	2010	2013
Bimodal PET-MRI molecular imaging technologies and applications for in vivo monitoring of disease and biological processes	TD 1007 / PET-MRI	Faculty of Technical Sciences, University of Novi Sad Technological Educational Institute of Athens, Department of Medical Instruments Technology Additional institutions from Austria, Belgium, Croatia, Cyprus, Denmark, France, Germany, Greece, Italy, Holand, Norway, Poland, Portugal, Spain, Sweden, Switzerland and Great Britain	Partner	Ass. Prof. Dr Dubravko Ćulibrk	COST	2010	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Wireless Networking for Moving Objects (WiNeMO)	COST IC0906 / WiNeMO	Faculty of Technical Sciences, University of Novi Sad Tampere University of Technology, Hogeschool Gent, Faculty of Applied Engineering Sciences, Gent, IPSA Institute, Sarajevo, Bosnia and Herzegovina, University of Zagreb, FER, Frederick, University, Nicosia, Cyprus, Aalborg University, Aalborg, Denmark, DTU Fotonik, Lyngby, Denmark, VTT Technical Research Centre of Finland, Espoo, Finland, ENSIIE, France. University of Würzburg, Germany, Fraunhofer FOKUS, Berlin, Germany, etc.	Partner	Ass. Prof. Dr Čedomir Stefanović	COST	2010	2013
Cooperative Radio Communications for Green Smart Environments	IC1004	Faculty of Technical Sciences, University of Novi Sad	Partner	Prof. Dr Dragana Bajić	COST	2010	2013
The Digital Capture, Storage, Transmission and Display of Real-World Lighting	114-451-3699	Faculty of Technical Sciences, University of Novi Sad University of Warwick, England	Partner	Prof. Dr Željko Trpovski	COST	2010	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
						2010	2014
Stratégies d'Évaluation, Machines Abstraites et Contrôle DELimité		Faculty of Technical Sciences, University of Novi Sad University of Oregon - États-Unis	Partner	Prof. Dr Silvia Gilezan	COST	2010	2014
Rich-Model Toolkit - An Infrastructure for Reliable Computer Systems	IC0901 / Rich-Model Toolkit	Faculty of Technical Sciences, University of Novi Sad IT University of Copenhagen, Denmark, Helsinki University of Technology, Finland	Partner	Prof. Dr Silvia Gilezan	COST	2010	2014
European Network Quality of Experience In Multimedia Systems and Services	COST IC 1003: QUALINET	Faculty of Technical Sciences, University of Novi Sad Klagenfurt University Austria, ForschungszentrumTelekommunikation Wien, K.U. Leuven Centre for User Experience Research Belgium, Vrije Universiteit Brussel - Interdisciplinary Institute for Broadband Technology Belgium, etc.	Partner	Prof. Dr Dragan Kukolj	COST	2010	2014
Random Network Coding and Designs Over $G_f(q)$	IC1104	Faculty of Technical Sciences, University of Novi Sad University College Dublin, School of Mathematical Sciences University of University of Zagreb, Faculty of Electrical Engineering and Computing, etc.	Partner	Ass. Prof. Dr Dejan Vukobratović	COST	2012	2016

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Betty: Behavioural Types for Reliable Large-Scale Software Systems	BETTY	Faculty of Technical Sciences, University of Novi Sad Institutions from Croatia, Denmark, France, Germany, Ireland, Italy, Malta, Holand, Poland, Portugal, FYR Macedonia, Great Britain	Partner	Prof. Dr Jovanka Pantović	COST	2012	2016
Colour and Space in Cultural Heritage	COST Action TR1201 COSCH	Faculty of Technical Sciences, University of Novi Sad Royal Belgian Institute of Natural Sciences , Aalborg University, University of Eastern Finland, University of Applied Sciences, "Athena" Research Center, Istituto di Fisica Applicata "Nello Carrara" del Consiglio, Warsaw University of Technology, Institute of Measurement Science, Slovak Academy of Sciences, etc.	Partner	Prof. Dr Nataša Sladoje Matić	COST	2012	2016

CEEPUS

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Image Processing, Information Engineering & Interdisciplinary Knowledge Exchange	CIII-AT-0042-07-1112	Faculty of Technical Sciences, University of Novi Sad University of Tirana, Medical University of Graz, Medical University of Vienna, University of Sarajevo, University of Zagreb, University of Rijeka, University of Szeged, University of Debrecen, University of Prishtina, University Sts.Cyril and Methodius – Skopje, State University of Tetovo, University of Montenegro, Koszalin University of Technology, "Iuliu Hatieganu" University of Medicine and Pharmacy of Cluj Napoca, Technical University of Cluj-Napoca, "Transilvania" University of Brasov, Belgrade University	Partner	Prof. Dr Nataša Sladoje	CEEPUS III	2005	2012

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Development in Machining Technology - New Trends and Challenges for Education and Research: Part 2	CII-SK-0067-06-1011	Faculty of Technical Sciences, University of Novi Sad Vienna University of Technology, Tomas Bata University in Zlín, Óbuda University, Budapest, University of Miskolc, University Sts.Cyril and Methodius - Skopje, Cracow University of Technology, Technical University in Košice	Partner	Prof. Dr Pavel Kovač	CEEPUS III	2005	2013
Modern Metrology in Quality Management Systems	CIII-PL-0007	Faculty of Technical Sciences, University of Novi Sad Slovak University of Technology in Bratislava, University of Maribor, Vienna University of Technology, University of Zagreb, VŠB – Technical University of Ostrava, Czech Technical University in Prague, Brno University of Technology, University of Miskolc, Kielce University of Technology, Cracow University of Technology, „Dunarea De Jos” University of Galati, Technical University in Košice, University of Žilina in Žilina, Technical University In Košice	Partner	Prof. Dr Janko Hodolič	CEEPUS III	2006	2012

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Teaching and Research of Environment-Oriented Technologies in Manufacturing	CIII-RO-0013	Faculty of Technical Sciences, University of Novi Sad Technical University of Cluj-Napoca, University of Rijeka, College Of Nyíregyháza, University of Miskolc, Poznan University of Technology, Technical University of Czestochowa, "Politehnica" University of Bucharest, etc.	Partner	Prof. Dr Janko Hodolič	CEEPUS III	2006	2012
From Preparation to Development, Implementation and Utilisation of Joint Programs In Study Area of Production Engineering – Contribution to Higher Flexibility, Ability and Mobility of Students in the Central and East European Region	CIII-SK-0030	Faculty of Technical Sciences, University of Novi Sad Faculty of Mechanical Engineering, Zilina, Slovakia, Faculty of Production Engineering, Presov, Slovakia, Institute of Mechanical Technology, Poznan, Poland, Institute of Production Engineering, Cracow, Poland, Faculty of Mechanical Engineering and Information Science, Bielsko Biala, Poland, Faculty of Mechanical Engineering, Prague, Czech, Faculty of Engineering, Rjeka, Croatia, Faculty of Technical Engineering, Debrecen, Hungary, etc.	Partner	Prof. Dr Janko Hodolič	CEEPUS III	2006	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
<p>Development of Mechanical Engineering (Design, Technology and Production Management) as an Essential Base for Progress in the area of Small and Medium Companies' Logistics - Research, Preparation and Implementation of Joint Programs of Study</p>	<p>CIII-PL-0033-07-1112</p>	<p>Faculty of Technical Sciences, University of Novi Sad</p> <p>Technical University of Sofia, Faculty of Machine Technology, Slovak University of Technology, Faculty of Materials Science and Technology in Trnava, Technical University of Zvolen, Faculty of Environmental and Manufacturing Technology, Technical University of Kosice, Faculty of Manufacturing Technologies in Presov, North University of Baia Mare, Faculty of Engineering, University of Zilina, Faculty of Mechanical Engineering, University of Debrecen, Faculty of Technical Engineering, Technical University of Cluj-Napoca, Faculty of Machine Building, College of Nyiregyhaza, Faculty of Engineering and Agriculture, Tomas Bata University in Zlin, Faculty of Technology, Slovak University of Technology in Bratislava, Faculty of Mechanical Engineering, Technical University of Ostrava, Faculty of Mechanical Engineering, etc.</p>	<p>Partner</p>	<p>Ass. Prof. Dr Milan Rackov</p>	<p>CEEPUS III</p>	<p>2006</p>	<p>2013</p>

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Progressive Methods in Manufacturing Technologies - Knowledge Bridge for Students and Teachers in Manufacturing Technologies	CIII-CZ-0201	Faculty of Technical Sciences, University of Novi Sad University of Rijeka, VŠB – Technical University of Ostrava, College of Nyíregyháza, University Sts.Cyril And Methodius – Skopje, University of Montenegro, Poznan University of Technology, Cracow University of Technology, Kielce University of Technology, North University of Baia Mare, etc.	Partner	Ass. Prof. Dr Igor Budak	CEEPUS III	2008	2012
Implementation and Utilization of E-Learning Systems in Study Area of Production Engineering in Central European Region	CIII-RO-0202	Faculty of Technical Sciences, University of Novi Sad North University of Baia Mare, - Polytechnical Engineering College of Subotica, College of Nyíregyháza, Szent István University, Rzeszów University of Technology, Poznan University of Technology, POLITEHNICA” University of Bucharest, University of Maribor, University of Žilina, Technical University in Košice, Campus 02 University of Applied Sciences Graz, SS.Cyril and Methodius University in Skopje, Slovak University of Technology in Bratislava, etc.	Partner	Ass. Prof. Dr Aco Antić	CEEPUS III	2008	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Applications of Rapid Manufacturing in Biomedical Fields	CIII-SI-0206-05-1112	Faculty of Technical Sciences, University of Novi Sad University of Applied Sciences Technikum Wien, University of Sarajevo, University of Rijeka, University of Zagreb, .J.Strossmayer University in Osijek, University of Split, University of Debrecen, University of Miskolc, University Sts.Cyril and Methodius – Skopje, University of Montenegro, Koszalin University of Technology, “Transilvania” University of Brasov, Technical University of Cluj-Napoca, "Iuliu Hatieganu" University of Medicine And Pharmacy of Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, University of Nis, Slovak University of Technology in Bratislava, etc.	Partner	Prof. Dr Miodrag Hadžistević	CEEPUS III	2009	2012
Renewable Energy Resources	CII-SK-0405-02-1011	Faculty of Technical Sciences, University of Novi Sad Angel Kanchev University of Rousse, Czech University of Life Sciences Prague, Mendel University in Brno, etc.	Partner	Prof. Dr Pavel Kovač	CEEPUS III	2009	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Technical Characteristics Researching of Modern Products in Machine Industry (Machine Design, Fluid Technics and Calculations) With the Purpose of Improvement Their Market Characteristics And Better Placement on the Market	CIII-RS-0304-04-1112	Faculty of Technical Sciences, University of Novi Sad University of Banja Luka, Faculty of Mechanical Engineering; Angel Kunchev University of Rousse, Department of Thermotechnics, Hydro- and Pneumotechnics; University of Chemical Technology and Metallurgy, Department of Applied Mechanics; Technical University of Liberec, Faculty of Mechanical Engineering; Budapest University of Technology and Economics, Department of Machine and Product Design; College of Nyíregyháza, Engineering and Agriculture Faculty; SS.Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering -Skopje, Institute of Production Engineering; Poznan University of Technology, Institute of Mechanical Technology; Technical University of Cluj-Napoca, etc.	Partner	Prof. Dr Siniša Kuzmanović	CEEPUS III	2011	2012

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Engineering as Communication Language in Europe	CIII-PL-0701-01-1213	Faculty of Technical Sciences, University of Novi Sad Agricultural University of Tirana, Faculty of Agriculture, Albania, *Vorarlberg - University of Applied Sciences, Department of Engineering, Austria, *Technical University of Sofia, Faculty of Machine Technology, Department of Manufacturing Technology, Bulgaria, *Czech University of Life Sciences Prague, Faculty of Forestry and Wood Sciences, Czech Republic, *Jan Evangelista Purkyne University in Ústí nad Labem, Faculty of Production technology, Czech Republic, *VŠB – Technical University of Ostrava, etc.	Partner	Prof. Dr Pavel Kovač	CEEPUS III	2012	2013
Applications and diagnostics of electric plasmas	CIII-AT-0063-08-1213	Faculty of Technical Sciences, University of Novi Sad University of Innsbruck, Austria, University of Montenegro, Montenegro, Brno University of Technology, Czech Republic, etc.	Partner	Prof. Dr Branko Škorić	CEEPUS III	2012	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
NANOTECHNOLOGIES, MATERIALS AND NEW PRODUCTION TECHNOLOGIES - UNIVERSITY COOPERATION IN RESEARCH AND IMPLEMENTATION OF JOINT PROGRAMS IN STUDY BY STIMULATE ACADEMIC MOBILITY	CIII-BG-0613-02-1213	Faculty of Technical Sciences, University of Novi Sad Vienna University of Technology, Austria, Technical University of Sofia, Bulgaria, VŠB – Technical University of Ostrava, Slovakia, etc.	Partner	Prof. Emeritus Miodrag Zlokolica	CEEPUS III	2012	2013
Modern Trends in Education and Research on Mechanical Systems - Bridging Reliability, Quality and Tribology	CIII-BG-0703-01-1213	Faculty of Technical Sciences, University of Novi Sad Poznan University of Technology, Poland, 'Kazimierz Pulaski' Technical University of Radom, Poland, "Politehnica University of Bucharest, Romania, University of Belgrade, Serbia	Partner	Prof. Dr Siniša Kuzmanović	CEEPUS III	2012	2013
Concurrent Product and Technology Development - Teaching, Research and Implementation of Joint Programs Oriented in Production and Industrial Engineering	CIII-HR-0108-05-1213	Faculty of Technical Sciences, University of Novi Sad Vienna University of Technology, Austria, University of Rijeka, Croatia, University of Zagreb, Croatia, etc.	Partner	Prof. Dr Miroslav Plančak	CEEPUS III	2012	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Development of mechanical engineering (design, technology and production management) as an essential base for progress in the area of small and medium companies' logistics - research, preparation and implementation of joint programs of study	CIII-PL-0033-08-1213	Faculty of Technical Sciences, University of Novi Sad Technical University of Sofia, Bulgaria, University of Rijeka, Croatia, J.J.Strossmayer University in Osijek, Croatia	Partner	Ass. Prof. Dr Milan Rackov	CEEPUS III	2012	2013
Research and Education in the Field of Graphic Engineering and Design	CIII-RS-0704-01-1213	Faculty of Technical Sciences, University of Novi Sad University of Ljubljana, Slovenia, University of Pardubice, Czech Republic, University of Zagreb, Croatia	Partner	Ass. Prof. Dr Zivko Pavlovic	CEEPUS III	2012	2013
Traffic, Transportation and Logistics Development for Achieving Sustainable Competitive Advantage (TransLog4ComAd)	CIII-RS-0603-02-1213	Faculty of Technical Sciences, University of Novi Sad University of East Sarajevo, Bosnia and Herzegovina, University of Pardubice, Czech Republic	Partner	Ass. Prof. Dr Todor Backalić	CEEPUS III	2012	2013
The Urban Innovations Network	CIII-SK-0606-03-1314	Faculty of Technical Sciences, University of Novi Sad Cracow University of Technology, Poland, Slovak University of Technology in Bratislava, Slovakia, etc.	Partner	Ass. Prof. Dr Milena Krklješ	CEEPUS III	2012	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Design, implementation and use of joint programs regarding Quality in Manufacturing Engineering Introduction-Motivation	CIII-RO-0058-06-1314	Faculty of Technical Sciences, University of Novi Sad Polytechnical Engineering College, Subotica, Slovak University of Technology in Bratislava, Slovakia, Technical University in Košice, Slovakia	Partner	Prof. Dr Bogdan Sovilj	CEEPUS III	2013	2014
Intelligent Automation for Competitive Advantage	CIII-RS-0065-08-1314	Faculty of Technical Sciences, University of Novi Sad University of Applied Sciences Technikum Wien, Austria, Graz University of Technology, Austria, Budapest University of Technology and Economics, Hungary	Partner	Ass. Prof. Dr Bojan Lalić	CEEPUS III	2013	2014

BILATERAL AND MULTILATERAL COOPERATION

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Analysis of Options for Monitoring of Headstock on Machine-Tools, Modeling and Simulation of Machining Process	SK-SRB – 0045-11	Faculty of Technical Sciences, University of Novi Sad Faculty of Mechanical Engineering in Bratislava, Slovakia	Partner	Prof. Dr Pavel Kovač	Bilateral Cooperation	2011	2012
Development and Implementation of a Method for Assessment of Biogas Plants in Agriculture	Biogas Evaluation System (680-00-00141/2012-09/6)	Faculty of Technical Sciences, University of Novi Sad Chair of Biosystems Engineering Bavarian State Research Center for Agriculture, Institute for Agricultural Engineering and Animal Husbandry	Partner	Prof. Dr Milan Martinov	Bilateral Cooperation	2011	2012
Application of artificial intelligence in monitoring of precision machining	SK-SRB – 0031-11	Faculty of Technical Sciences, University of Novi Sad Technical Univerzity of Košice, Faculty of Mechanical Engineering, Slovakia	Partner	Prof. Dr Marin Gostimirović	Bilateral Cooperation	2011	2012

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Statistical Characterization of Neural Behavior in the Cerebral Cortex of Behaving Animals		Faculty of Technical Sciences, University of Novi Sad Polytechnic Engineering College Subotica, Research Institute for Particle and Nuclear Physics Hungaria	Partner	Prof. Dr Dragana Bajić	Bilateral Cooperation	2011	2013
Development of new products and project maturity	SL-SRB 651-03-1251/2012-09/34	Faculty of Technical Sciences, University of Novi Sad Faculty of Mechanical Engineering, University of Maribor	Partner	Ass. Prof. Dr Danijela Lalić	Bilateral Cooperation	2012	2013
Artificial Intelligence Applications in Sustainable Development of Manufacturing Processes	SL-SRB – 651-03-1251	Faculty of Technical Sciences, University of Novi Sad Faculty of Mechanical Engineering, University of Ljubljana	Partner	Prof. Dr Milenko Sekulić	Bilateral Cooperation	2012	2013
The Use of Modern Analytical Methods for Characterization of Pollution of Drinking Water Sources in Novi Sad Municipality	No. 680-00-140/2012-09/13	Faculty of Technical Sciences, University of Novi Sad Slovak University of Technology in Bratislava	Partner	Ass. Prof. Dr Maja Turk Sekulić	Bilateral Cooperation	2012	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Mass Customization and Open Innovation Network	MC-OI NETWORK	Faculty of Technical Sciences, University of Novi Sad Mannheim Institute of Business Intelligence and Security, Mannheim, University of Information Technology and Management in Rzeszow, Rzeszów, Democritus University of Thrace, Faculty of Engineering, Xanthi, Doctoral School of Management Engineering and Real Estate Appraisal, University of Padova, Italy, Fakultet elektrotehnike, strojarstva i brodogradnje u Splitu, Croatia	Partner	Prof. Dr Zoran Anišić	Multilateral cooperation	2008	2013
Product Lifecycle Management International Network	PLM - InNET	Faculty of Technical Sciences, University of Novi Sad Politecnico di Torino, University of Maribor, Faculty of Mechanical Engineering, Maribor, University Ss.Cyril and Methodius, Faculty of Mechanical Engineering, Skopje, University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Zagreb, University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split	Partner	Prof. Dr Zoran Anišić	Multilateral cooperation	2011	2015

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
The Platform for Building the Network Of LCA Centers and R&D Institutes From Central And South Eastern Europe	114-451-3774/2011-01	Faculty of Technical Sciences, University of Novi Sad Poznan University of Technology, Faculty of Machines and Transportation, University of Miskolc, Faculty of Economics, The University of J. E. Purkyně in Ústí nad Labem, Faculty of the Environment, University of Ljubljana (Faculty of Natural Sciences and Engineering), Josip Juraj Strossmayer University of Osijek, Mechanical Engineering Faculty, University of Central Europe in Skalica	Partner	Prof. Dr Janko Hodolič	Multilateral Cooperation	2012	2013
JOINT GERMAN-SOUTH-EAST EUROPEAN NETWORK PROJECT ELISE (Electrical Engineering and Information Technology in South East Europe) Part of University Network for Academic Training in Electrical Engineering & Information Technology (EE&IT) in South Eastern Europe (SEE)	ELISE	Faculty of Technical Sciences, University of Novi Sad Ilmenau University of Technology, University of Niš, Ss. Cyril and Methodius University of Skopje, University of Banja Luka, Technical University of Sofia, University of Split, Politehnica University of Timisoara, Transilvania University of Brasov	Partner	Prof. Dr Neda Pekarić Nađ	Multilateral Cooperation	2012	2013

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Computational Linear Algebra	CLA	Faculty of Technical Sciences, University of Novi Sad Institute of Computational Mathematics, School of Mathematics and Statistic, Lanzhou University, P.R. China, Computer Center, Southern Federal University, Rostov-on-Don, Russia	Coordinator	Prof. Dr Rade Doroslovački	Multilateral Cooperation	2012	2015

SEE Transnational Cooperation Programme, SEE ERA-NET, USA, NATO

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
<p>Transnational Network for the Promotion of the Water-Ground Multimodal Transport</p>	<p>WATERMODE</p>	<p>Faculty of Technical Sciences, University of Novi Sad Autorita' Portuale Di Venezia Veneto Region Ancona Port Authority, Levante Port Authority Austrian Mobility Research Pannon Business Network Association, Luka Koper, port and logistic system, Business and Innovation Center of Attika Port Authority of Alexandroupolis Executive Agency Maritime Administration Bulgaria, National Company Maritime Ports Administration SA Constantza Durres Port Authority, Alma Mons regional Agency for small and medium enterprises, etc.</p>	<p>Partner</p>	<p>Prof. Dr Milosav Georgijević</p>	<p>SEE Transnational Cooperation programme</p>	<p>2009</p>	<p>2014</p>
<p>Intelligent Information System for Monitoring and Verification of Energy Management in Cities –</p>	<p>ISEMIC ERA 163</p>	<p>Faculty of Technical Sciences, University of Novi Sad University of Zagreb Faculty of Electrical Engineering and Computing, Croatia, University of Sarajevo, Mechanical Engineering Faculty, Jozef Stefan Ins., Slovenia</p>	<p>Partner</p>	<p>Prof. Dr Jovan Petrović</p>	<p>SEE.ERA-NET</p>	<p>2010</p>	<p>2012</p>

Name of the project	ACRONYM	Institutions	Role of the Faculty in the project	Project coordinator	Project type	Duration of the project	
Intelligent Information System for Monitoring and Verification of Energy Management in Cities	ISEMIC ERA 163 - ISEMIC	Faculty of Technical Sciences, University of Novi Sad Faculty of Electrical Engineering and Computing – FER, Faculty for Mechanical Engineering, Sarajevo United Nations Development Program Croatia – Energy, Efficiency Project, Jozef Stefan Institute / Energy Efficiency Centre	Partner	Ass. Prof. Dr Jovan Petrović	SEE-ERA NET	2010	2012
Setting Up Landfill Database and Research on Possibilities for Ch4 Use in Serbia	XA 83502501	Faculty of Technical Sciences, University of Novi Sad SCS Engineers, USA	Coordinator	Prof. Dr Goran Vujić	USA	2011	2012
Drinking Water Quality Risk Assessment and Prevention in Novi Sad Municipality, Serbia – DRIWAQNS	EAP SFPP 984087	Faculty of Technical Sciences, University of Novi Sad Slovak University of Technology in Bratislava	Partner	Prof. Emeritus Mirjana Vojinović Miloradov	NATO project	2011	2013