



Karshi Engineering Economic Institute



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Karshi Engineering Economic Institute



The realization of EU-TEMPUS Project
“Practice Oriented Master Programmes in
Engineering in Russia, Ukraine and
Uzbekistan” in Karshi Engineering-
Economics Institute (Uzbekistan)

15 October 2010 – 14 October 2013



Karshi Engineering Economic Institute



During the implementation of project, held 34 meetings in which defined the objectives of the project team, target departments and faculties responsible for implementing the project plan, related universities and non-academic partners, involved in the activity of the project. The analysis of existing curricula in engineering was held. Organized the meetings with representatives of the Chamber of Commerce and businesses. Discussed the questions of preparing of rooms for the laboratory and computer class, the state of publications, the implementation of the plan for sustainability and dissemination of information about the project, the results of the monitoring of the project implementation, questions of the teachers selection in the institute for sending in EU universities for training, the acquisition of the literature in the framework of project and organization of the lessons on project's subjects.

Meetings of project team





Karshi Engineering Economic Institute



Meetings with participation of administration

During the project implementation held 24 meetings in which have been discussed following questions of project activity plan: decisions of coordinate meetings, analysis of study plans on engineering, preparation of rooms for creation of labs, results of project monitoring, discussion of educational plans of engineering directions of training, working programs of the project's subjects, *discussion of list of teachers which will be sent to EU universities for training and discussion of their reports, development ELM Office and discussion it's Statement, development of training manuals.*





Karshi Engineering Economic Institute



Dissemination

The results of the project have been disseminated by production of stands and information sheets about the project, through direct meetings with teachers, students and representatives of enterprises, presentations, web-site of the institute (www.qmii.uz) and project as well as through publications and presentations. Systematically have been made reports about results at the scientific conferences, at meetings of the university administration, at the meetings of the Scientific Council of the Institute. 11 articles have been published.

Manufactured 5 stands with information about the project. One stand is set in December 2010 at the second floor of the main building of Institute, which houses the administration of institute, Innovation Center and Center of information technologies. Another stand installed in January 2011 at the inner main entrance of the main building. Other stands installed in prominent places of educational buildings.

Made color leaflets (20 copies) and booklets (20 copies) of the project, as well as black and white leaflets and booklets with information about the project in 500 copies. Distributed calendar of 2011 year with the name of the project in 200 units and a calendar of 2012 year in the amount of 50 pieces

Preparation of stand with information about project:

One stand is set in December 2010 at the second floor of the main building of Institute, which houses the administration, Innovation Center and Center of information technology.

Another stand installed in January 2011 at the inner main entrance of the main building.



Preparation of informational leaflet with information of project:

Made color leaflets (20 copies) and booklets (20 copies) of the project, as well as black and white leaflets and booklets with information about the project in 500 copies. Information about project put on scientific works of institute. Organized a meetings with representatives of the Chamber of Commerce and students

PROMENG loyixasi haqida ma'lumot

Loyiha 2010-2013 yillarda amalga oshirilgan bo'lib, u o'z o'rnida "Leuven compitatie" (2009) tavsiyalariga asoslanib, Bolonja jarayonining xalqaro xohishi va rivojlanishiga mos ravishda muhandislik sohasida kasbga iynaltirilgan o'quv dasturlarini ishlab chiqish, ularni aniq milliy sharoitlarga moslashtirish, ixtisoslashtirish va ixtisoslashtirishda ta'lim tizimining roli kuchaytirish va ixtisoslashtirish muhit talablarini qondirishga iynaltirilgan ta'limni taklif etish kabi maqsadlarni qaydi.

Loyiha doirasida quyidagi ishlar bajariladi:

- ♦ ixtisoslashtirish sohasida amalga oshirilgan o'quv rejalari uymalashtirilgan ta'limni amalga oshirish va shu asosda ularni iynalashtirish;
- ♦ ixtisoslashtirish sohasida amalga oshirilgan 4 ta iyni bazaviy o'quv rejalari va 5 ta modulli kurslarni ishlab chiqish va joriy etish;
- ♦ amaliy mashg'ulotlar uchun tegishli iyni laboratoriya infrastrukturasini joriy etish.

Loyihaning maxsus vazifalari:

- ♦ texnika hamda texnologiyalar rivojlanishining iyni xalqaro muhitda mos ravishda ixtisoslashtirish sohasida amalga oshirilgan ta'limni amalga oshirish;
- ♦ ixtisoslashtirish sohasida amalga oshirilgan bazaviy o'quv rejalari va modullarini rivojlanish, joriy etish va akkreditasiyalash;
- ♦ hamkor makamlar o'liy ta'lim muassasalarining muhit bozori bilan aloqalarini kuchaytirish.

U'quv rejalari:

- ♦ kommunikatsion modullar va ma'lumotlarni uzatish protokollari (texnikaviy informatsiya);
- ♦ mexanika, elektrotexnika va elektronika sohasida CAD/CAM/CAE loyihalash;
- ♦ sifat ixtisoslashtirish;
- ♦ atrof-muhitni himoyalash sohasida ixtisoslashtirish va bo'sqarish.

Karshi muhandislik-ixtisoslashtirish instituti 2010 yilda bir kator o'liy ta'lim muassasalarini bilan birgalikda tashkilot asosida TEMPUS dasturi bo'yicha PROMENG loyixasini amalga oshirish xohishini qaydi kiritdi.

Grant oluvchi
Berlin texnika universiteti (Germaniya)

Evropa Ittifoqidagi hamkorlar:
Lecssius Universiteti (Belgiya)

Vilnyus davlat texnika universiteti (Litva)

Hamkor o'liy ta'lim muassasalari

Uzbekiston:
Toshkent davlat texnika universiteti
Karshi muhandislik-ixtisoslashtirish instituti
Farg'ona politexnika universiteti

Rossiya:
Kozlov texnika universiteti
Moskva texnika universiteti
Volgagubay telekommunikatsiya va informatika universiteti

Ukraina:
Lviv texnika universiteti
Zaporozhye texnika universiteti
Akkubay texnika universiteti

PROMENG
Education and Culture
TEMPUS

PROMENG Practice oriented Master Programmes in Engineering in Ru, UA, UA and UA
Rossiya, Ukraina va Uzbekistonda muhandislik sohasida amalga oshirilgan iynaltirilgan dasturlar

Karshi muhandislik-ixtisoslashtirish instituti 2010 yilda bir kator o'liy ta'lim muassasalarini bilan birgalikda tashkilot asosida TEMPUS dasturi bo'yicha PROMENG loyixasini amalga oshirish xohishini qaydi kiritdi. Loyiha 2010-2013 yillarda amalga oshirilgan bo'lib, u o'z o'rnida "Leuven compitatie" tavsiyalariga asoslanib, Bolonja jarayonining xalqaro xohishi va rivojlanishiga mos ravishda muhandislik sohasida kasbga iynaltirilgan o'quv dasturlarini ishlab chiqish, ularni aniq milliy sharoitlarga moslashtirish, ixtisoslashtirish va ixtisoslashtirishda ta'lim tizimining roli kuchaytirish muhit talablarini qondirishga iynaltirilgan ta'limni taklif etish kabi maqsadlarni qaydi.

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- ♦ sifat ixtisoslashtirish;
- ♦ atrof-muhitni himoyalash sohasida ixtisoslashtirish va bo'sqarish.

Grant oluvchi: Berlin texnika universiteti (Germaniya)

Hamkor o'liy ta'lim muassasalari: Lecssius universiteti (Belgiya), Vilnyus davlat texnika universiteti (Litva), Moskva davlat texnika universiteti, Kozlov davlat texnika universiteti, Volgagubay telekommunikatsiya va informatika universiteti (Rossiya), Lviv milliy texnika universiteti, Zaporozhye milliy texnika universiteti, Akkubay davlat texnika universiteti (Ukraina), Toshkent davlat texnika universiteti, Karshi muhandislik-ixtisoslashtirish instituti, Farg'ona politexnika universiteti (Uzbekiston).

Batufsil ma'lumotni loyicha veb-sahifasi www.promeng.eu dan, shuningdek, loyihaning mahalliy koordinatori, iyni bo'yicha prorektor, prof. F. Matamovdan (1-korpus, 215-son) olinishi mumkin. Tel.: 224-02-89; e-mail: matamov50@gmail.com

PROMENG
Education and Culture
TEMPUS



Karshi Engineering Economic Institute



The state of the renovation of existing curricula / disciplines (in accordance with the analysis performed)

Analyzed the existing curricula of 19 areas of undergraduate majors and 4 graduate. Curricula of 14 subjects analyzed. In 2011/2012 academic year, updated working curricula of the two majors graduate, "Thermal Energy" and "Development and exploitation of oil and gas fields." In the 2012-13 academic year updated 3 master training plan, and 6 undergraduate curriculum. Under the new curriculums have been held lessons in 4 chairs of 3 faculties: "Management", "Agricultural Mechanization", "Ecology and Environment", "Automation and Information Technologies". In a related Karshi branch of the Tashkent University of Information Technologies updated 4 training plan for an undergraduate degree. Under the new curriculums updated teaching on the faculties of Energetic, Economics, Industrial Technology and Engineering Technology Department, on the chairs "Management", "Mechanization of agricultural production", "Ecology and the Environment", "Automation and Information Technologies"

PROMENGPractice oriented Master Programmes in Engineering
in Russia, Ukraine, Uzbekistan

Tempus

Joint Project Curricula Reform

www.promeng.eu



Karshi Engineering Economic Institute



Ўзбекистон Республикаси Олий ва ўрта махсус таълим вазирлиги

Қарши муҳандислик – иқтисодиёт институти

ИШЧИ ЎҚУВ РЕЖА

Академик даража – Магистр

«ТАСДИКЛАЙМАН»
ҚарМИИ ректори

проф. Р.Д.Шадиев

2011 йил

Мутахассислик: 5A311901 – Нефть ва газ конларини ишга тушириш ва

улардан фойдаланиш

Ўқини мuddати – 2 йил

Таълим шакли – кундузги

ЎҚУВ ЖАРАЁНИНИНГ РЕЖАСИ

№	Ўқув блоклари ва фанларининг номи	Талабанинг ўқув юкламаси (соатларда)										Соатларнинг семестрлар ва ҳафталар бўйича тақсими					
		Умумий юклама ҳажми	Аудитория машғулоти (соатларда)							Курс лойиҳаси (иши)	1 курс		2 курс				
			Жами	Маъруза	Амалий машғулот	Лаборатория ишлари	Семинар	Мустақил таълим	1		2	3	4				
														Семестрдаги ҳафталар сони		Семестрдаги ҳафталар сони	
														20	20	20	20
соат	%	Ҳафталик соатлар сони															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
1.00	Умумметодологик фанлар	730	40,3	480	210	220	20	30		250	12	9	3				
1.01	Илмий тадқиқот методологияси	90		60	30	30				30	3						
1.02	Таълим иқтисодиёти ва менежменти	120		80	40	40				40	4						
1.03	Педагогик технология ва педагогик маҳорат	90		60	30	30				30	3						
1.04	Амалий чет тили	120		80	30	80				40	4						
1.05	Ахборот тизимлари	120		80	40	20	20			40	4						
1.06	Миллий ҳок: асосий тушунча ва тамойиллар	90		60	30			30		30			3				
1.07	Таълим фанлари	120		60	40	20				60	2	1					
1.07.01	Историялик масалаларини ечишни назарий асослари	44		22	12	10				22	1						
1.07.02	Раёбарлик санъати	76		38	28	10				38	2						
2.00	Мутахассислик фанлари	1080	59,7	640	260	140				440	17	5	10				
2.01	Патентшунослик, лицензиялаш ва сертификатлаш	68		40	20	20				28	2						
2.02	Нефть ва газ саноатида энергия ва ресурс тежаш технологиялари	68		40	20	20				28	2						
2.03	Нефть ва газ ишда гидрозоореханика	68		40	20	20				28	2						
2.04	Нефть ва газ ускуналарининг ишончилиги назарияси	68		40	20	20				28	2						
2.05	Нефть ва газ конларини казиб олиш назарияси ва лойиҳалаштириш	135		80	40	20			20	55	4						
2.06	Нефть ва газини казиб олишнинг геология ва технология шартлари	102		60	40	20				42	3						
2.07	Нефть ва газ қудуқларини ишлатиш	168		100	60	20			20	68	5						
2.08	Таълим фанлари	403		240	140	100				163	2	10					
2.08.01	Қағазларнинг компонент бераолишнинг оғирлиқ ускуна, технологияси ва техникаси	134		80	40	40				54	4						
2.08.02	Нефть ва газ конларини казиб чиқаришнинг моделлаштириш	101		60	40	20				41	3						
2.08.03	Экспериментал режалаштириш	67		40	20	20				27	2						
2.08.04	Нефть ва газ конларини ишлатишга таълимий ёндаш асослари	101		60	40	20				41	3						
	ЖАМИ	1810	100	1120	570	460				690	29	14	13				
3.00	Илмий фаюлият	2402		1688		1688				714	7	22	23	36			
3.01	Илмий – педагогик иш	540		356		356				184	7	5	6				
3.02	Илмий тадқиқот иши	1376		1006		1006				370	12	12	18				
3.03	Магистрлик диссертациясини тайёрлаш	486		326		326				160	5	5	7				
4.00	Аттестациялар	324		216		216				108					11		
	ЖАМИ	4536	100	3024	570	2364	20	30	40	1512	36	36	36	36			

Ўзбекистон Республикаси Олий ва ўрта махсус таълим вазирлиги

Қарши муҳандислик – иқтисодиёт институти

ИШЧИ ЎҚУВ РЕЖА

Академик даража – Магистр

«ТАСДИКЛАЙМАН»
ҚарМИИ ректори

проф. Р.Д.Шадиев

2011 йил

Мутахассислик:

5A310104 – Иссиқлик энергетикаси

Ўқини мuddати – 2 йил

Таълим шакли – кундузги

Ўқув жараёнининг режаси

№	Ўқув блоклари ва фанларнинг номи	Талабанинг ўқув юкламаси (соатларда)										Соатларнинг семестрлар ва ҳафталар бўйича тақсими								
		Умумий юклама ҳажми	Аудитория машғулоти (соатларда)							Мустақил таълим	1 курс		2 курс							
			Жами	Маъруза	Амалий машғулот	Лаборатория ишлари	Семинар	Курс лойиҳаси (иши)	20		20	20	18	13	14	15				
																	1 курс		2 курс	
																	1	2	3	4
соат	%	3	4	5	6	7	8	9	10	11	12	13	14	15						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15						
1.00	Умумметодологик фанлар	730	40,3	480	210	220	20	30		250	12	9	3							
1.01	Илмий тадқиқот методологияси	90		60	30	30				30	3									
1.02	Таълим иқтисодиёти ва менежменти	120		80	40	40				40	4									
1.03	Педагогик технология ва маҳорат	90		60	30	30				30	3									
1.04	Амалий чет тили	120		80	40	40				40	4									
1.05	Ахборот тизимлари	120		80	40	20	20			40	4									
1.06	Миллий ғоғ: асосий тушуғча ва тамойиллар	90		60	30			30		30	3			3						
1.07	Таълим фанлари	100		60	40	20				40	2	1								
1.07.01	Историялик масалаларини ечишиғч назарий асослари	36		22	12	10				14	1									
1.07.02	Раёбарлик санъати	64		38	28	10				26	2									
2.00	Мутахассислик фанлари	1080	59,7	640	380	184	36			40	440	17	5	10						
2.1	Патентшунослик, лицензиялаш ва сертификатлаш	70		40	20	20				30	2									
2.2	Иссиқлик электр станциялари эксплуатацияси ва ишлаш тартиби	100		60	40	20				40	3									
2.3	Бут генератори	100		60	40	20				40	3									
2.4	Иссиқлик электр станцияларининг бут-газ қурилмалари	100		60	30	10		20		40	3				3					
2.5	Ёқилғи энергетика комплексни ривожланиши замоний муаммолари	100		60	40	20				40	3									
2.6	Саноат қороналарининг иссиқлик энергетик тизимлари	100		60	40	20				40	3									
2.7	Ўқитиш жараёнининг ростилаш асослари	100		60	40	14	6			40	3									
2.8	Иссиқлик жараёнининг моделлаш ва автоматлаштириш	100		60	30	20	10			40				3						
2.9	Иссиқлик техникасининг назарий асосларининг махсус боблари	100		60	30	10	20			40	3									
2.10	Иссиқлик электр станцияларининг зарарли чиқиндиларини камайтириш	70		40	30	10				30	2									
2.11	Таълим фанлари	140		80	40	20				20	60			4						
2.11.1	Экспериментал таълим жараёнига шайлов бериш ва уларни шайлаштириш	140		80	40	20				20	60			4						
	ЖАМИ	1810	100	1120	590	404	56	30	40	690	29	14	13							
3.00	Илмий фаолият	2402		1688		1688				714	7	22	23	36						
3.01	Илмий – педагогик иш	540		356		356				184	7	5	6							
3.02	Илмий тадқиқот иши	1376		1006		1006				370	12	12	12	18						
3.03	Магистрлик диссертациясини тайёрлаш	486		326		326				160	5	5	7							
4.00	Аттестациялар	324		216		216				108					11					
	ЖАМИ	4536	100	3024	590	2308	56	30	40	1512	36	36	36	36	36					



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Progress of work on the development of curricula / disciplines on the project

In the process of curriculum development on project participated 14 teachers in the faculties of Energetic, Economics, Industrial Technologies and Engineering Technology faculty, in the chairs of "Management", "Mechanization of agricultural production", "Ecology and the Environment", "Automatics and information technologies". The subject "The theory of engineering tasks solving" included in the curriculums of specialties "Thermal Engineering" and "Development and exploitation of oil and gas fields". Developed and approved by the Scientific Council of the Institute curriculum of the subject "The theory of engineering tasks solving". Teaching of this subject began in the second semester of 2011-2012 academic year, i.e. since February 2012. At September 1, 2012 developed training programs of the following disciplines:

1. Applied Informatics and the digital data transmission system;
2. CAD / CAM / CAE design for electronics / electrical engineering;
3. Engineering quality. Monitoring and Quality Engineering;
4. Engineering and environmental management;
5. Modeling of manufacturing systems;
6. Re-engineering;
7. Foundations of auditing and certification on the basis of a series of ISO standards ;
8. Soft Skills for Engineers.



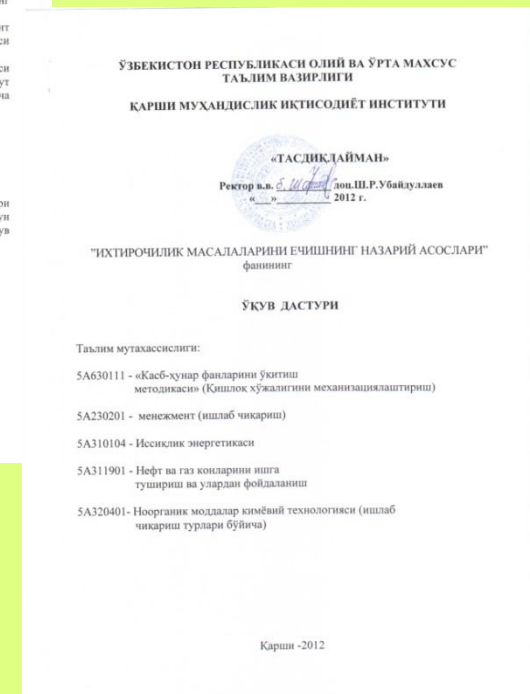
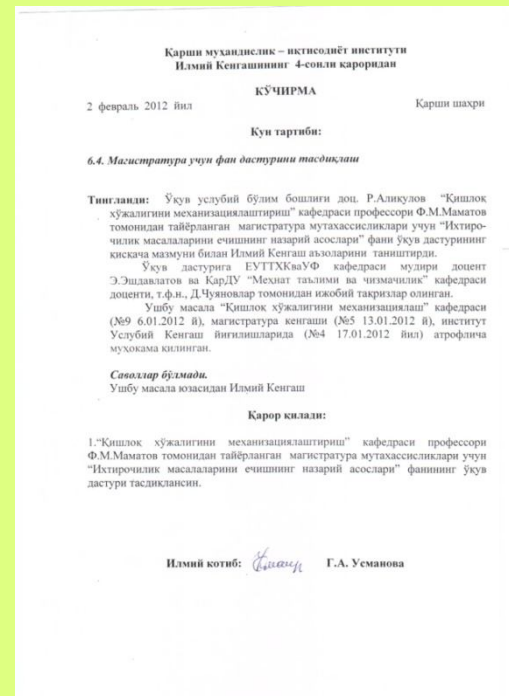


Karshi Engineering Economic Institute



Preparation of updated and new curricula / disciplines for accreditation (approval) at the university

Updated and redesigned curriculums discussed in the chairs and faculties, as well as at meetings of the methodical Council of the Institute, and then approved by the Scientific Council of the Institute before 1 September 2012, i.e. before the start of the educational year. Curriculum of the subject "The theory of engineering tasks solving" approved by the scientific Council of the Institute in January 2012 and started teaching in the two specialties of the masters. New curricula and training programs of the disciplines "Applied informatics and digital data transmission systems», «CAD/CAM/ CAE design for electronics / electrical engineering", "Technique of quality. Monitoring and Quality Engineering", "Engineering and environmental management", "Modeling of manufacturing systems", "Re-engineering", "Audit and basic of systems Certification in the framework of ISO standards series" and «Soft Skills for Engineers" have been approved at September 2012. Test sessions on these subjects started from September 1, 2012





Karshi Engineering Economic Institute



**The state training facilities to create a computer classroom,
laboratory of data transmission, ELM office.**

The created computer classroom and laboratory of digital data transmission are under the responsibility of the chair of Automatics and Information Technologies. The area of computer classroom is equal to 72 sq.m., the area of laboratory of digital data transmission is equal to 22 sq.m.. Made a refreshing renovation of rooms, with new furniture, a security alarm, air conditioning. Responsible for computer classroom and laboratory is T.U.Juraev, senior teacher of the chair of Automatics and Information Technologies. Technical means for computer class and laboratory of digital data transmission have been obtained and installed. From April 2012, in the computer class and lab held lessons for graduate and undergraduate students. Room of ELM office is run by the marketing department, floor area is equal to 18 sq. m., made a refreshing renovation, with new furniture, a security alarm, air conditioning. Responsible for ELM office room is A.Berdiev, head of marketing department. Equipment for laboratory and computer class have been obtained in January 2012. Installation work performed in April 2012.





Karshi Engineering Economic Institute



Status of acquisition of new textbooks

***From the Berlin Technical University received books on the subjects
“The theory of engineering tasks solving”, “Applied informatics and
data transmission systems”, “Re-Engineering”.***





Karshi Engineering Economic Institute



Status of preparations for publication of their own teaching aids

Prepared and published the following tutorials (list)

1. **F.M.Mamatov.** *The theory of inventive problem solving (in Uzbek).*
2. **Z.U.Uzakov.** *Applied informatics and digital data transmission systems.*
3. **Z.Sh.Nazarov.** *Audit and basis of the certification on the base of the series of ISO standards.*





Karshi Engineering Economic Institute



Development of ELM Office

The regulations of the ELM Office developed, as well as plan of the ELM Office. The regulations and the work plan of ELM Office approved .

O'ZBEKISTON
RESPUBLIKASI
OLYU VA O'RTA MAXSUS
TA'LIM VAZIRLIGI

THE REPUBLIC OF
UZBEKISTAN MINISTRY OF
HIGHER AND SPECIAL
EDUCATION SECONDARY

QARSHI MUHANDISLIK-
IQTISODIYOT INSTITUTI

KARSHI ENGINEERING
ECONOMIC INSTITUTE



Буйруқ № 113/11

« 2 » 03 2012 й.

Карши шаҳар

«Мехнат бозорида институт битирувчилари»
ELM-ОФИСи ни ташкил қилиш тўғрисида

Институтда амалга оширилаётган Европа лойиҳаси TEMPUS «PROMENG»ни муваффақиятли бажариш, меҳнат бозорининг конъюнктурасини ҳисобга олган ҳолда маслаҳатлар хизматини кўрсатиш ва битирувчиларни келажак профессионал фаолиятга тайёрлаш мақсадида

БУЮРАМАН:

1. Европа лойиҳаси TEMPUS «PROMENG» доирасида маркетинг бўлими қошида «Мехнат бозорида институт битирувчилари» ELM-ОФИСи ташкил этилсин.
2. «Мехнат бозорида институт битирувчилари» ELM-ОФИСининг Низом иловага мувофиқ тасдиқлансин.
3. «Мехнат бозорида институт битирувчилари» ELM-ОФИСи раҳбари этиб Д.Абдиназаров тайинлансин ва унга: ELM-ОФИСи фаолиятини низом талаблари асосида ташкил этиш юклатилсин.
4. Лойиҳа координатори, илмий-амалий тадқиқотлар ва инновация маркази директори Ф.Маматов ва Маркетинг бўлими бошлиғи А.Бердиева маркетинг бўлими қошида ташкил этилган «Мехнат бозорида институт битирувчилари» ELM-ОФИСининг иш фаолиятини Низом асосида ташкил этишга амалий ёрдам кўрсатиш вазифаси юклатилсин.
5. Ушбу буйруқ ижросини назорати илмий ишлар проректори доц. Г.Н.Узоков зиммасига юклатилсин.

Ректор в.б.:

Ш.Р.Убайдуллаев

Буйруқ лойиҳасини тайёрлади:

Келишди:

Илмий ва илмий-педагогик кадрлар
тайёрлаш бўлими бошлиғи
_____ 3.Назаров

Илмий ишлар бўйича проректор
_____ Ф.Узоков

Молия ва иқтисод ишлари бўйича
проректор _____ И.Турсунов

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО
ОБРАЗОВАНИЯ РЕСПУБЛИКИ УЗБЕКИСТАН

КАРШИНСКИЙ ИНЖЕНЕРНО-ЭКОНОМИЧЕСКИЙ ИНСТИТУТ



«УТВЕРЖДАЮ»

И.о. ректора _____ доц.Ш.Р.Убайдуллаев
« 2 » 03 2012 г.

ПОЛОЖЕНИЕ

ELM-ОФИС
«ВЫПУСКНИКИ ИНСТИТУТА НА РЫНКЕ ТРУДА»
КАРШИНСКОГО ИНЖЕНЕРНО-
ЭКОНОМИЧЕСКОГО ИНСТИТУТА

Разработано в рамках Европейского проекта TEMPUS
«PROMENG»

Карши - 2012



Karshi Engineering Economic Institute



The selection of teachers for training in Universities of EU, 2012

Selection of candidates for training in the Universities of EU have been held. The selection of teachers for training conducted by the level of knowledge of the subject, and English or German.





Karshi Engineering Economic Institute



Surveys of students

Survey of students conducted of three times. 125 students have been surveyed.





Karshi Engineering Economic Institute



Publications and presentations with information about the project

1. Mamatov F.M., Uzakov Z.U. “PROMENG – инжиниринг соҳасида ишлаб чиқаришга йўналтирилган фанлар дастурларини яратиш лойиҳаси.” - in proceedings of the Scientific Conference of teaching staff of the Karshi Engineering-Economic Institute. Karshi, 2011. 4 p.
2. Mamatov F.M., Uzakov Z.U. “PROMENG – проект, направленный на создание магистерских программ в области инжиниринга.” – in collection of articles of the Republican Scientific and Practical Conference on "Problems of mathematical modeling and process management in the sectors of the economy." Karshi, 2011, 208-209 p.
3. Shamsiev Z.Z., Mamatov F.M., Bazarbaev Sh. “Совершенствование учебных программ магистратуры в университетах Узбекистана на основе международного европейского проекта ТЕМПУС “PROMENG”. Международное сотрудничество вузов РФ и государств участников СНГ. Роль технических университетов в формировании единого научно-технологического и образовательного пространства СНГ.” Collected papers / ed. Acad. RAS I.B.Fedorov-M.: MSTU by the name of Bauman, 2011. -177-180.



Karshi Engineering Economic Institute



Additional information

Identified relative University (Karshi branch of the Tashkent University of Information Technologies) and non-academic partners, involved in the activity of the project. Graduate students and staff of relative university involved in the development of the project web site, in the introduction of the project results in the educational process. Leading specialists of industrial enterprises involved in the development of curriculum of engineering educational directions, as leadership of cours projects and dissertations, qualifying practice, attestation of students.



Karshi Engineering Economic Institute



External contacts of the Institute

The Institute collaborates with major production companies and organizations:

- Uzgeoburguneftegaz stock company;
- Unitary subsidiary Shurtanneftgaz;
- Unitary subsidiary Mubarekneftgaz;
- Shurtan gas-chemical complex;
- Tallimardzhan thermal power station;
- Mubarek Gas Processing Plant;
- Dekhkanabad potash plant;
- Department of Agriculture and Water Resources of Kashkadarya;
- Kashkadarya regional branch of the Farmers Union of the Republic of Uzbekistan.





Karshi Engineering Economic Institute



WORKSHOP

Corporate partnership of Institute with the enterprises of the region and the perspectives for its development

22 January 2013 KEEI

The seminar was attended by 15 employees from 15 companies.

At workshop addressed the following questions:

- 1. Corporate co-operation of the Institute with enterprises of the region.**
- 2. The activities of faculties in the workplace.**
- 3. The introduction into the curriculum of engineering new special items.**
- 4. Further training of companies engineers and technicians in the institute.**
- 5. The employment of graduates of the institute and the functioning of ELM-OFFICE at the institute.**



Karshi Engineering Economic Institute



Designed and implemented the corporate structure of the coordination of mutually beneficial innovative cooperation between the Institute and production companies. In the chairs of the institute what prepare professionals set up 17 innovation teams, which include heads of chairs, leading professors, teachers, trainees, researchers, job seekers, graduate, gifted students of the institute and leading specialists of industrial enterprises and organizations. Created database of economical and technological problems of industrial enterprises and organizations of the region. The institute has advanced training of specialists for five large manufacturing plants. At this time, the Institute is an innovative corporate partnership with 68 manufacturing facilities and organizations.

Set up branches of eight chairs at the enterprises, which conduct practical and laboratory classes, attracted leading specialists of enterprises. In the chairs what prepare professionals leading specialists of enterprises *involved for* part-time work and supervise for final qualifying works.

The specialists of the enterprises actively participate in the development of curricula, textbooks, teaching materials on special subjects, as well as the employment of graduates of the institute.

On the basis of “Mubarek” electrical center set up educational and research laboratory and a mini industrial park for studies and scientific experiments.

Approximately 50% of the State Certification Commission for the Protection of Master's theses and final qualification work consist of leading experts of the enterprises.



Karshi Engineering Economic Institute



6 teachers of the institute were an intern at the Universities of EU. The selection of teachers for training conducted by the level of their knowledge of the subject and the English or German language.



Training of teachers at the Berlin Technical University and at the University of Lessius





Connections with partners on project



Articles of partners which have been published in the journal "Innovative Technology" of KEEI

1. P.ARRAS, D.Van Merode, C.Peeters.State of the art mechanical design requires state of the art solutions.2012.
2. Т.А.Паромова, Н.В.Луценко. Реализация концепции «Обучение в течение жизни» при переподготовке специалистов промышленных предприятий.2012
3. О.О.Герасимчук, Н.А.Олексив, Г.А.Герасимчук.Пути повышения качества образования в рамках проектов TEMPUS. 2012.



Karshi Engineering Economic Institute



Students survey

Have been conducted 3 students surveys. Surveyed 125 students.





Karshi Engineering Economic Institute



Publications and presentations about the project

1. Маматов Ф.М., Узаков З.У. **PROMENG** – инжиниринг соҳасида ишлаб чиқаришга йўналтирилган фанлар дастурларини яратиш лойиҳаси. - В сборнике трудов научно-практической конференции профессорско-преподавательского состава Каршинского инженерно-экономического института. Карши, 2011. 4 с.
2. Маматов Ф.М., Узаков З.У. **PROMENG** – проект, направленный на создание магистерских программ в области инжиниринга. – В сборнике статей республиканской научно-практической конференции по теме “Проблемы математического моделирования и управления процессами в отраслях народного хозяйства”. Карши, 2011, с. 208-209 б.
3. Шамсиев З.З., Маматов Ф.М., Бозорбоев Ш. Совершенствование учебных программ магистратуры в университетах Узбекистана на основе международного европейского проекта ТЕМПУС “PROMENG”. Международное сотрудничество вузов РФ и государств участников СНГ. Роль технических университетов в формировании единого научно-технологического и образовательного пространства СНГ. Сборник статей / Под ред. акад. РАН И.Б.Федорова –М.:МГТУ им Н.Э.Баумана, 2011. - 177-180.
4. Маматов Ф.М., Узаков З.У. 2012.
5. Маматов Ф.М., Узаков З.У. Модернизация учебных программ – веление времени. 2012.
6. Шодиев Р.Д. Маматов Ф.М., Узаков З.У. ПРОГРАММА TEMPUS. Совершенствование учебного процесса и научных исследований в Каршинском инженерно-экономическом институте. 2012.



Karshi Engineering Economic Institute



Publications and presentations about the project

7. **Ф.М.Маматов, З.У.Узаков. Программа TEMPUS. Совершенствование учебного процесса и научных исследований в Каршинском инженерно-экономическом институте. Международная научно-практическая конференция “Информационные технологии в образовании, науке и производстве”, май, 2013 года, Луцкий национальный технический университет, Украина.**
8. **Ф.М.Маматов, З.У.Узаков. Модернизация инженерного образования с учётом требований рынка труда. Международная научно-практическая конференция “Информационные технологии в образовании, науке и производстве”, май, 2013 года, Луцкий национальный технический университет, Украина.**
9. ***F.M.Mamatov, O.M.Turgunov, Z.U.Uzakov, I.K.Zikirillaeva. Labour market and training of engineers. Международная научно-практическая конференция по выполнению в Узбекистане программы ТЕМПУС в Ташкентском университете информационных технологий, апрель, 2013 года.***
10. ***Ф.М.Маматов, О.М.Тургунов, З.У.Узаков. Рынок труда и подготовка инженеров. Международная научно-практическая конференция по выполнению в Узбекистане программы ТЕМПУС в Ташкентском университете информационных технологий, апрель, 2013 года.***
11. ***Ф.М.Маматов, З.У.Узаков. Результаты проекта Променг в КИЭИ. В книге ТЕМПУС в Узбекистане.2013.***



Karshi Engineering Economic Institute



Preparation of final qualifying works by students of the Karshi branch of the Tashkent University of Information Technologies (related university) on the subject of the project:

Final qualifying work of Indira Rushanovna Safarova, student of the Faculty of Information Technologies, direction of undergraduate education "5521900 - Computer science and information technologies"

Topic:

Development and implementation of the website of project PROMENG of TEMPUS programme (on the example of Karshi Engineering Economic Institute)

РАЗРАБОТКА И ВНЕДРЕНИЕ ВЕБ-САЙТА ПРОЕКТА PROMENG ПОГРАММЫ TEMPUS (НА ПРИМЕРЕ КАРШИНСКОГО ИНЖЕНЕРНО-ЭКОНОМИЧЕСКОГО ИНСТИТУТА)





Karshi Engineering Economic Institute



Additional Information

A related university is Karshi branch of the Tashkent University of Information Technologies, which have been involved in the activity of the project. Graduate students and teachers of related university participated in the development of the project web site, in the implementation of the project results in the learning process. Leading experts of industrial enterprises involved in the development of curricula of engineering fields of study, to the leadership of final qualifying works and master's dissertations, students' qualifying practice.

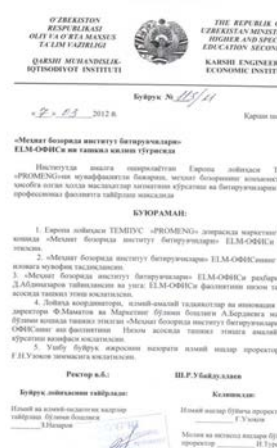


Karshi Engineering Economic Institute



Creation of ELM Office

The status of the ELM Office developed and approved. Have been made the plan of ELM Office functioning. The ELM Office provides assistance in conducting career days for graduates.



Thank you for attention!