



Partner Search Form

INSTITUTION/CONTACT PERSON:			
	Last Name	Apenova	First Name Aigul
Institution	Non-Profit Joint Stock Company „Almaty University of Power Engineering and Telecommunications“		
Role in the institution	Head of International Cooperation and Academic Mobility Department		
Address	A. Baitursynov str.,126		
Town	Almaty	Country	Kazakhstan
Telephone	+7 727 292 13 19 +7 747 756 56 45	Email	Apenova_as@mail.ru Dms@aipet.kz
Homepage address of the institution	aipet@aipet.kz		
INFORMATION ABOUT THE PLANNED PROJECT:			
Erasmus+ International co-operation Activity (higher education sector) – type of the project idea	Please, tick the appropriate one/ones: <input checked="" type="checkbox"/> Erasmus+ KA1: International students and staff credit mobility <input type="checkbox"/> Erasmus+ KA1: Erasmus Mundus Joint Master Degrees <input checked="" type="checkbox"/> Erasmus+ KA2: Capacity Building Higher Education in Partner Countries <input type="checkbox"/> Erasmus+ Jean Monnet programme		
Discipline / Academic field	Electric and Heat Power Engineering, Computer Engineering and Software; Information systems; Informatics; Automation and Control; Instrumentation; Life Safety and Environmental Protection; Information Security Systems; Agriculture Power Supply ;Radio Engineering ; Electronics ; Telecommunications; Space Technologies.		
Institution's preferable role in the project? (applicant/partner)	<input type="checkbox"/> Applicant <input checked="" type="checkbox"/> Partner		
Which countries are about to be involved?	Erasmus+ Programme Countries	All	
	Erasmus+ Partner Countries	All	



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Working language of the project consortium = language of the project application	English, Russian
Duration of the project	24-36 months

PROJECT DESCRIPTION:

Objectives

We are looking for strategic partnership in the frame of the Erasmus+ programmes:

- Capacity Building in Higher Education joint projects (Key Action 2)
- Erasmus +International Credit Mobility (Key Action 1)

We are looking for a project consortia developing joint and structural projects based on multilateral partnership.

We are ready to be a partner and to contribute our experience and knowledge in developing of educational courses, programmes, R&D in the fields of energy saving and efficiency technologies , renewable energy resources, economics, management and entrepreneurship,environmental engineering, computer security and intelligent systems, radio engineering, electronics, telecommunications, space technologies, agriculture power supply, etc.

Staff and student exchange within the Erasmus +International Credit Mobility scheme.

Activities

Our academic profile extends in Electrical and Heat Power Engineering; ; Agriculture Power Supply Informatics; Automation and Control; Instrumentation; ; Agriculture Power Supply Information Security Systems; Agriculture Power Supply; Radio Engineering ; Electronics ; Telecommunications; Space Technologies.

We are ready to participate in:

academia/industry collaboration activities aiming to strengthen the links between universities and industry, universities and labour market;

development , modernization and dissemination of educational programmes, teaching methods and teaching materials according to all the above mentioned fields.



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Results

AUPET participates as a project partner in Erasmus +Capacity Building Higher Education Second Call Projects (2016):

-Applied Curricula in Space Exploration and Intelligent Robotic Systems (573545-E)PP-1-2016-1-DE-EPPKA2-CBHE-JR) APPLE

-Enhancing Innovation Competences and Entrepreneurial Skills in Engineering Education (573965-1-2016-1-SE-EPPKA2-CBHE-JP) InnoCENS

530793 – TEMPUS-1-2012-SE-TEMPUS-JPCR - European MAPREE Project– “Master programmes on Renewable Energy and Energy Efficiency in Buildings in Central Asia and Russia” (2012-2014)

We are searching for:

Types of institutions	Project Coordinators
Country/Region	All
Institutions' profiles	N/A
Other relevant information	<p>AUPET (www.aipet.kz) was founded in 1975 and was the first technical university with non-profit joint-stock company status in Kazakhstan. The education process is held in four Institutes and 19 Departments as follows:</p> <p>Institute of Heat Power Engineering</p> <ul style="list-style-type: none"> ◦Department of Heat Engineering Installations ◦ Department of Industrial Heat Power Engineering ◦ Department of Technical Physics ◦ Department of Management and Entrepreneurship ◦ Department of Labor Safety and Environmental Engineering <p>Institute of Electrical Power Engineering</p> <ul style="list-style-type: none"> ◦Department of Power Plants and Electrical Power Engineering Systems ◦Department of Power Supply and Renewable Energy Sources ◦Department of Theoretical Fundamentals of Electrical Engineering ◦Department of Electric Drive and Automation <p>Institute of Space Engineering and Telecommunications</p> <ul style="list-style-type: none"> ◦Department of Space Engineering and Technologies



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- Department of History and Culture of Kazakhstan
- Department Electronics and robotics
- Department of Telecommunication Systems and Networks
- Department of Spiritual and Physical education
- Institute of Control Systems and information technologies**
- Department of IT-engineering
- Department of Mathematics and Mathematical Modelling
- Department of Information Security Systems
- Department of Automation and Control
- Department of Foreign Languages

We train students in 12 Bachelor, 8 Master's and 3 PhD programmes, available in full-time and distance learning modes of study. The current number of enrolled students is about 4000. AUPET has strong background and traditions in the fields of energy, telecommunications and IT. University prepares specialists in all 3 levels in Kazakh, Russian and English languages. Main study programmes are in the fields of Electric and Heat Power Engineering, Computer Engineering and Software; Information systems; Informatics; Automation and Control; Instrumentation; Life Safety and Environmental Protection; Information Security Systems; Agriculture Power Supply.

The strategic goal of the AUPET is to enhance international cooperation, having academic exchange, joint projects, joint programmes double degree programmes etc. Our focus is to strengthen IT programmes as Big Data, Cyber Security, Mobile and Web development and other.

R&D work is carried out according to priority fields:

- Problems of environment protection
- Energy saving and renewable energy sources
- Investigation and development of water-chemical procedures and technologies of water processing
- Development of scientific and technical offers and recommendations in satellite and ground systems of communication
- Development of modern education, continuous qualification improvement and specialists retraining
- Smart Greeds
- Smart Systems

There are 14 science laboratories:

1. Energy TRL
2. Research problems of fuel and energy complex TRL
3. Energy monitoring and assessment TRL
4. Center of «Renewable energy sources and new technologies in energy conservation»
5. Center of «Water technology and chemical water modes»
6. «DOCEO» Training Center
7. Nanoelectronics TRL
8. Automated process control systems TRL
9. Measurement and automation educational and scientific center



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	<p>10.Cryptographic information protection and information security TRL 11.Testing Laboratory (Ecology) 12.Electrical Engineering Center: Technical equipment electromagnetic compatibility (EMC) testing laboratory Electrical quantities measuring instruments calibration laboratory 13.Space technologies educational and scientific center 14.Engineering Center</p> <p>University graduates are highly demanded in labour market and work in various branches of national economy . Over 200 companies provide annually 100% employment for AUPET graduates, including:</p> <p>JSC"Kazakhtelecom", JSC"KEGOC" "Kazakhmys"Corporation "Siemens-Kazakhstan"Ltd JSC"Kazmunaigazenergo" JSC "Atyrau Zharyk" JSC "AlaTau Zharyk Kompanijasy " JSC "Almaty Power Stations" (AIES JSC) JSC "Atyrau Zharyk " LLP "Almatyteplokommunenergo" JSC" Intergas Central Asia " JSC "Almaty Power Stations" (AIES JSC) JSC "Kazchrome Transnational Company "</p> <p>Participant Identification Code (PIC) 934119410</p>
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