

Erasmus+ Call for proposals 2019

ERASMUS+ CBHE PARTNER SEARCH FORM

(to be completed in English)

General information	
Partner-country	Uzbekistan
Name of university: website:	Tashkent State Technical University named after Islam Karimov
Participant Identification Code (PIC)	992926048
Brief description of university, faculty, department, number of students	<p>Aims and activities of the organisation - Please provide a short presentation of your organisation (key activities, affiliations, size of the organisation, etc.) relating to the area covered by the project (limit 2000 characters).</p> <p>Tashkent State Technical University is one of the largest technical universities of the Central - Asian region. It is the base for the higher technical educational institutions of the republic of Uzbekistan.</p> <p>The main objective of the University is to prepare the intellectual professionals with technical and technological knowledge, skills and competencies to carry out long-term goals, based on innovation and the integration of education, science, engineering and technology in the world educational and scientific space, guarantee a high level of quality of education.</p> <p>The main mission of the university is to train highly qualified personnel with a high level of professional and social competence, improve their skills, the implementation of innovation in technology, to ensure the needs of society for quality vocational education and carrying out fundamental and applied scientific at the level of world achievements.</p> <p>There are six faculties at the University: "Engineering Technology", "Power Engineering ", "Engineering Geology and Mining""Electronics and automatics", "Mechanical engineering" and "Engineering", covering the main technical and technological directions of education for training specialists for industries ; 54 faculties, which educate 10,950 students in the baccalaureate and 500 in magistrature. Teaching activities involved 740 teachers, including 5 Academy of Sciences of Uzbekistan, about 90 doctors and professors, more than 300 candidates of sciences and associate professors. University develops national standards for educational programs - 40 areas of undergraduate and 52 graduate majors and it provides a need for staff on key technical areas of the Republic.</p> <p>The university operates: Educational methodical management. Information Technology Center, Quality Control Department, Information Resource Center, Uzbek-Japanese Youth Innovation Center and others</p> <p>The University trains specialists in the following educational programs: Bachelor's degree (4 years), master's degree (bachelor's degree in the presence of 2 years), PhD (3 years), doctoral sciences (3 years). The University has 3 specialized councils, which defended his PhD and doctoral dissertation in 12 specialtie</p>
Relevant information on	530326-TEMPUS-1-2012-1-IT-TEMPUS-SMGR. Università degli Studi di

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previous or on-going international cooperation	<p>Firenze - Facoltà di Ingegneria (UNIFI). QUEECA: Quality of Engineering Education in Central Asia</p> <p>517361-TEMPUS-1-2011-1-IT-TEMPUS-JPHES. Politecnico di Torino (IT). TERSID: Technical Education on Resource Savings for Industrial Development.</p> <p>530666-TEMPUS-1-2012-1-LT-TEMPUS-JPCR. Kaunas University of Technology (LT). UZWATER: Master program in environmental science and sustainable development with focus on water management for Uzbekistan higher education</p> <p>561742-EPP-1-2015-1-PT-EPPKA2-CBHE-SP. Universidade do Algarve (PT). NURSLIN: National Qualification Frameworks: Guidelines for Development and recognition of Qualification</p> <p>561989-EPP-1-2015-1-UK-EPPKA2-CBHE-JP. Kingston University Higher Education Corporation (UK). FSAMP: Flight safety and airworthiness a master's programme</p>
Contacts of responsible person: name, title (Mr, Mrs, Dr, Prof), position, telephone, fax, e-mails	<p>Professor Talat Magrupov</p> <p>Tel: +998 935351730</p> <p>Email: talatmt@rambler.ru</p>
Type of the project: Joint Project (JP) or Structural Measure (SM)	<p>Joint Project (JP)</p> <p>Capacity Building in Higher Education (CBHE)</p>
Area of project: category 1 2 or 3	category 1,2 or 3
Category 1 Curriculum Development project: Subject area/academic discipline if applicable	<p>Technical sciences, including Biomedical engineering, Biotechnology, Ecology, Energy. The introduction of European experience in ensuring the quality of education and innovative technology with the use of new pedagogical and information technologies, as well as the intellectualization of vocational education systems in the field of training students in bachelor and master programs, retraining and advanced training of graduates and specialists in various fields, as well as training in technical science. Academic discipline can be defined within the curriculum.</p>
Relevance to national or regional priorities	<p>Category A: Teacher training and education science. Engineering and engineering trades. Environmental protection. Physical science.</p> <p>Category B: Improving quality of education and teaching.</p> <p>Category C: Improving management and operation of education and teaching institutions.</p> <p>Category D: Developing the Higher education sector within society at large.</p>
Brief need analysis	<p>The requirements for highly qualified specialists and the improvement of the quality of engineering education are indicated in the following decrees of the President of the Republic of Uzbekistan.</p> <p>№ PD 3557 from 22. 02.2018 - On measures to further improve the design work and the system of training of design engineers in the basic sectors of the economy.</p> <p>No. PD 3775. of 06/05/2018 - On additional measures to increase the quality of education in higher educational institutions and ensure their active participation in large-scale reforms carried out in the country.</p> <p>No. PD 3899 dated 08/06/2018 - On measures to improve the effectiveness of the integration system of science and innovation.</p>

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	No. PD 3855 of 07/14/2018 - On additional measures to increase the commercialization of the results of scientific and technological activities.
Objectives and activities	Provide the economy of the Republic of Uzbekistan with highly qualified specialists. improving the quality of engineering education, further improving the educational process in the system of training design engineers for basic sectors of the economy, ensuring the active participation of young people in large-scale reforms carried out in the country, improving the efficiency of the integration system of science and innovation, improving interaction systems: education - science - production based on the experience of European countries.
Expected results	Improving the quality assurance system of engineering education, training highly qualified personnel, improving teacher qualifications, improving the educational process and academic disciplines, strengthening the material and technical base, applying new teaching methods - pedagogical and information and communication technologies, applying innovative solutions to the educational process with elements of intellectualization, introducing interaction systems: education - science - production based on the experience of European countries.
Target groups and stakeholders (enterprises, student organizations, for SM – Ministry of Higher and Secondary Specialized Education of Uzbekistan)	<p>The expert group in the amount of 16 teachers of Tashkent State Technical University. They participated in the European accreditation of engineering programs for the educational program "Electronics and Instrumentation" which was awarded the certificate "EUR-ACE Bachelor";</p> <p>Enterprises of engineering profile of Uzbekistan, which are employers for graduates in separate areas of education;</p> <p>Association of Engineering Education of Tashkent city.</p> <p>Ministry of Higher and Secondary Specialized Education of Uzbekistan</p>
If possible information about other HEIs in Uzbekistan to be involved in project	<p>Tashkent University of Information Technologies,</p> <p>Tashkent Institute of Chemical Technology,</p> <p>Tashkent Medical Academy,</p> <p>Andijan Machine-Building Institute</p> <p>Andijan Technical University</p> <p>Bukhara Engineering and Technology Institute</p> <p>Samarkand State University</p> <p>Fergana Polytechnic Institute</p> <p>Karshi Engineering and Economic Institute</p>

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Партнер-страна

Название университета:

Веб-сайт:

Идентификационный код участника (ПОС)

Краткое описание университета, факультета, кафедры, количество студентов

Соответствующая информация о предыдущем или текущем международном сотрудничестве

Контакты ответственного лица: имя, должность (г-н, г-жа, д-р, профессор), должность, телефон, факс, электронные письма

Тип проекта:

Совместный проект (JP) или структурная оценка (SM)

Cooperation for innovation and the exchange of good practices

Площадь проекта: категория 1

2 или 3 Area of project:

Curricular Reform (CR), Governance Reform (GR) or Higher Education and Society (HES)

Учебный план по категории 1: Тематическая область / академическая дисциплина, если применимо

Соответствие национальным или региональным приоритетам

Краткий анализ потребностей

Цели и деятельность

Ожидаемые результаты

Целевые группы и заинтересованные стороны (предприятия, студенческие организации, для SM - Министерство высшего и среднего специального образования Узбекистана)

Если возможно, информация о других вузах Узбекистана будет задействована в проекте

- Инженерные технологии;
- Энергетика;
- Инженерная геология и горное дело;
- Машиностроение;
- Электроника и автоматика
- Механика

Информационно – технологический центр

Отдел контроль качества

Информационный ресурсный центр

Узбекско- японский молодёжный инновационный центр