

# "Modernization of Higher Education" project

**Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan**

## "Modernization of Higher Education" project

### **Academic Innovation Fund**

#### **Project title**

Enhancement of agricultural engineering programs by using innovative techniques employed in foreign universities.

#### **The role of agricultural mechanization**

Agricultural production is based on two main areas: crop production and livestock farming. Crop production is based on the cultivation of plants and the use of soil as a living and nutritional environment for these plants. Livestock production is based on growing animals, using their vital functions. Livestock are mainly linked to land and soil quality, via feed production. From the earliest times, manual labor has been central in production of agricultural products.

The mechanization of agriculture relieves a person from hard, labor-intensive and tedious work, increases labor productivity, reduces the time required for completing work, contributes to increase the area occupied by agricultural crops, to timely implementation of agrotechnical and melioration activities, and reduces production costs. Mechanization of agriculture is linked with the process of increasing of agricultural production culture – using latest achievements of science and technology, implementing advance technologies, the further intensification of agriculture by implementation of large works on land reclamation and chemicalization of agricultural production.

According to the US National Academy of Engineering, agricultural mechanization was ranked 7th in the top twenty most important engineering achievements of twentieth century, ahead of computers, telephone communications and space rockets. Agricultural mechanization has played a crucial role in achieving impressive success in development of agricultural production in second half of the 20th century.

The need to increase crop yields, the negative impact to the environment, increasing of carbon fuels cost, the development of remote sensing and electronic systems and their widespread use in tractors, combines and other agricultural machines, the emergence of unmanned aerial vehicles began to change the direction of traditional agricultural mechanization.

Agricultural mechanization in the 21st century must be environmentally friendly, economically viable, accessible and adapted to local conditions. Here a special requirement is presented to specialists of agricultural mechanization field.

#### **Goal of the project**

- improvement of existing curricula and programs in undergraduate agricultural mechanization major, introduction of new courses into curriculum;
- supporting the curriculum in new major Application innovative techniques and technologies in agriculture by introducing innovative methods and courses used in foreign universities;
- Facilitating the growth of potential and quality of teaching staff;
- Activate student participation and role in the learning process.

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## Project performers

- Departments of faculty of agriculture mechanization and foreign partners;
- Project Coordinator: Vice rector for academic affairs Mirzaev B.S.
- Technical Coordinator: Head of the Department of Tractors and Automobiles Amonov M.O.

## Duration of the project

- 2 years (March 2019 - February 2021)

## Foreign partners of the project

- University of California at Devis, USA <https://www.ucdavis.edu>
- Oklahoma State University, USA <https://go.okstate.edu>
- Seoul National University, South Korea <http://www.useoul.edu>
- Mississippi State University, USA <https://www.msstate.edu>

## During project implementation

Will be created:

- Foresight group to analyze the current state and forecast future in preparation agricultural engineers under agricultural mechanization programs
- a modern computer class connected to the Internet.

Will be improved:

- curriculums of the major Agricultural mechanization and Application innovative techniques and technologies in agriculture.

For faculty and graduate students will be organized:

- three-level English language courses;
- courses on using MS Power Point, Excel programs and about basics of preparing presentation materials;
- seminars on new courses with participation of foreign partners.

Will be purchased:

- laboratory stands for some of existing and new courses;
- a software program for teaching hydraulic and electrical systems of tractors and agricultural machines

Will be activated:

- students role in learning process and work of students clubs;
- collaboration with JSC "Uzagrotexsanoatxolding" and "Uzagroservice", JV "Uzcaseservis" and LLS "Uzclaasservis".

The faculty will get support on:

- publishing research results in Scopus magazines;
- upgrading teaching materials of the courses.

## Project News

### 7.03. 2019

The grant agreement was signed

On March 6, 2019, the Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan and TIAME signed a grant agreement to finance the project through the Academic Innovation Fund.

### 4.04.2019

The project "Enhancement of agricultural engineering programs by using innovative techniques employed in foreign universities" has started

The Department of Tractors and Automobiles has launched a project of the Academic Innovation Fund totaling \$140000, the project will run for 2 years. The project will launch a computer class, organize three-level English language courses for professors and graduate students, seminars and trainings on new courses with the participation of foreign partners, and purchase laboratory equipment. The project works in partnership with the University of California, Davis, Oklahoma and Mississippi State Universities, and Seoul National University, South Korea.

<https://old.tiame.uz/en/article/04-04-19>

About English language courses

The project has started to register teachers and graduate students of the Faculty of Agricultural Mechanization to study in English language courses. Those wishing to take the courses are asked to get registration at the project office, and interviews with those who have registered will be held on April 6 at 10:00 am in room V-311.

### 27.04.2019

World Bank-funded projects have been launched at a university in Tashkent

The Tashkent Institute of Irrigation and Agricultural Mechanization Engineers has launched two projects of the Academic Innovation Fund on "Agricultural innovation and resources" and "Enhancement of agricultural engineering programs by using innovative techniques employed in foreign universities"

<https://www.xabar.uz/9p0>

### 16.06.2019

Collaboration with US universities in the field of agriculture and water management is developing

The grant participants visited partner universities in the US, Mississippi and Oklahoma State Universities and the University of California, Davis.

<https://kun.uz/66293274>

### 28.06.2019

A group of Uzbek scientists have visited US universities

In order to further development collaboration with US universities in the framework of the grant project, the project implementers visited the Mississippi and Oklahoma State Universities and University of California, Davis.

<https://www.xabar.uz/post/ozbekistonlik-bir-guruh-olimlar#>

### 3.07.2019

Collaboration with Georgia institute of Technology, USA

With the help of the project, a presentation was made on the factors affecting air pollution.

<http://old.tiame.uz/uz/article/3-07-19-1>

### 15.07.2019

Students of the faculty of Agricultural Mechanization prepared the first prototype of a moving vehicle  
2nd year students of the faculty of Agricultural Mechanization, who joined to the club at the Department of Tractors and Automobiles, prepared the wood prototype of a first vehicle proposed by Leonardo da Vinci and presented it to the dean of the faculty.

**1.08.2019**

John Deere has established a training center in collaboration with TIIAME

<http://old.tiame.uz/uz/article/jon>

**7.09.2019**

A well-known U.S. company has established a training center at TIIAME

<https://edu.uz/uz/news/view/1591>

**9.09.2019**

The John Deere Learning Center was opened at TIIAME

<https://kun.uz/news/2019/09/09/tashkent-irrigatsiya-va-qishloq-xojaligini-mekhanizatsiyalash-muhandislari-institutida-john-deere-oqu-markazi-achildi>

**20.09.2019**

Training processes are organized directly in production enterprises

A branch / classroom of the Department of Tractors and Automobiles were established on the territory of the joint venture "UzClaasAgro" and practical training for students was organized on a 5 + 1 scheme.

<https://edu.uz/uz/news/view/1628>

**11.10.2019**

Field practice is very important in the learning process

Students of the Agricultural Mechanization faculty passing internships at "Uzagroservis" JSC and "Agroservis MTP" LLC, "TST Cluster" LLC on Quyichirchik district

<http://tiame.uz/uz/article/11-10-19-2>

**22.11.2019**

The international conference has started

An international scientific-practical conference on "Science, education and innovation, problems and prospects for the agro-industrial complex" is being held at our institute.

<https://old.tiame.uz/en/article/22-11-19-7>

**29.01.2020**

Visit of the official delegation of CLAAS to the institute

An official delegation of CLAAS, a world-renowned company on the development of tractors, visited our institute to establish a strategic partnership.

<https://old.tiame.uz/en/article/29-01-20-5>

**24.02.2020**

The laboratory room was launched

A computer lab room has been set up for use in the project. The lab planned to use for training and seminars, and virtual laboratory work on the study of hydraulic and electronic systems for tractors.

<https://old.tiame.uz/en/article/24-02-20-9>

**7.03.2020**

The scope of cooperation with US universities is expanding

Online meetings were held with Mississippi State University on January 7 and with Oklahoma State University on February 1 to discuss cooperation with foreign partner universities under new grants.

<http://old.tiame.uz/uz/article/7-03-20USA>

### **28.06.2020**

Internship is going on effectively

3rd year students of the Agricultural Mechanization faculty are getting acquainted with the process of grain harvesting and the work of technical means used in it in the "Technological production" internship and improve their knowledge and skills.

<https://old.tiame.uz/en/article/praktice>

### **3.07.2020**

Online seminar on "Precision agriculture and data processing"

As part of the project, an online seminar on "Precision Agriculture and Data Processing" was held on June 15-26 with the participation of Professor Ganesh Bora from the Mississippi State University, USA, through the WebEx platform.

<https://old.tiame.uz/en/article/23lj>

### **10.08.2020**

Online seminar on "Electronic systems of tractors, automobiles and self-propelled vehicles"

As part of the project, an online seminar on "Electronic systems of tractors, automobiles and self-propelled vehicles" was held on August 3-7 with the participation of Professor Paul Weckler from the Oklahoma State University.

### **16.10.2020**

Seminar in the agricultural cluster

On October 15, professors of the Agricultural Mechanization faculty took part in a practical seminar on agricultural digitization organized by the company John Deere in the cluster "Silverleaf" in Pakhtakor district of Jizzakh region.

<https://old.tiame.uz/en/article/johndeere>

### **20.11.2020**

Cooperation seminar on agricultural digitization

The Tashkent Institute of Irrigation and Agricultural Mechanization Engineers and "Landtech" JV, the official dealer of John Deere in Uzbekistan, and the Ministry of Information Technologies and Communications of the Republic of Uzbekistan organized a seminar on digitization of agriculture on November 18.

<http://old.tiame.uz/uz/article/20-11-20-4>

### **22.01.2021**

Theory and practice are becoming more harmonious

Students of the Faculties of Agricultural mechanization and Mechanization of hydro melioration works visited the enterprise "Krantas group" engaged in the production of special equipment for construction

<http://old.tiame.uz/uz/article/22-01-21-4>

### **7.04.2021**

The project has been extended

The project "Enhancement of agricultural engineering programs by using innovative techniques employed in foreign universities" has been extended for 6 months

### **16.04.2021**

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Cooperation between industry and higher education

In cooperation with JSC "UzAgroservis", Joint venture "UzCaseServis" and the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, scientists of the "Agricultural Mechanization" faculty brought a modern cotton picking machine horizontal spindle apparatus, which can show students the real process.

<http://old.tiame.uz/uz/article/16-04-21-9>

#### **27.04.2021**

Technological practice at UzCLAAS Agro

Students of the Agricultural Mechanization faculty began a technological internship at JV UzCLAASAgro

<https://old.tiame.uz/en/article/27-04-21-4>

#### **8.05.2021**

Huawei and TIAME have launched a smart agriculture project

Huawei Uzbekistan Branch and TIAME signed Memorandum of Understanding on Introduction of Innovative Technologies in Agriculture and Irrigation Systems

<https://old.tiame.uz/en/article/08-05-21-1>

#### **10.05.2021**

Cooperation with JV UZCLAASSERVICE

Professors and teachers visited the joint venture UZCLAASSERVICE

<https://old.tiame.uz/en/article/10-05-21-5>

#### **17.05.2021**

Clinical service for agricultural machinery

The seminar, organized by the JV "UzCaseService", was attended industry leaders, specialists and farmers from the regions of the country. Professors of the institute also took part in the seminar and exchanged views and made recommendations on the maintenance, use of modern agricultural machinery, the required adjustments in machinery.

<https://old.tiame.uz/en/article/17-05-21-1>

#### **16.08.2021**

A seminar was organized with the participation of foreign professors

A seminar-training on the course "Fluid power and hydraulic systems of tractors and agricultural machines" was organized for professors, graduate students of the Agricultural Mechanization Faculty with the participation of Professor Tom Bon from the North Dakota State University

<http://old.tiame.uz/uz/article/16-08-21-1>

#### **25.08.2021**

Practical dialogue and cooperation on UniCEN projects

The TIAME visited Adrian Erlinger the head of the US Program for Cooperation with Central Asian Universities (UniCEN)

<https://old.tiame.uz/en/article/25-08-21-1>

#### **16.09.2021**

Classes on the basis of the 5 + 1 program have started at the production enterprise

Scheduled classes for students of the Agricultural Mechanization faculty were held in the classroom of the Department of Tractors and Automobiles located in JV "UzClaasAgro"

<https://old.tiame.uz/en/article/16-09-21-3>

**29.09.2021**

Live process and new opportunities

In TIAME in cooperation with Huawei Tech Investment Tashkent opened "Smart Agriculture and Water Management" exhibition hall, with "PETRO TEST AVTO" LLC opened "Laboratory of fuels and lubricants" and "State Inspectorate for Agro-Industrial Control" under the Cabinet of Ministers of the Republic of Uzbekistan launched a special classroom

<https://old.tiame.uz/en/article/29-09-21-1>

**30.09.2021**

Certificates were awarded to the participants of the online webinar

Certificates were awarded to active participants in online webinars organized during the 2020-21 academic year as part of the Modern Agricultural Machinery Partnership project with the Iowa State University, USA.

**4.10.2021**

The project period has been extended

The project "Improvement of training programs for agricultural engineers through the introduction of innovative solutions in foreign universities" has been extended until December 31, 2021.

**27.11.2021**

Certificates were awarded at the end of the course

1st group of teachers and PhD students who successfully completed the course "Use of information and communication technologies in professional activities" organized within the project were awarded certificates.

**10.01.2022**

Software delivered

Procurement of software for training hydraulic and electrical systems of tractors, agricultural and reclamation machines has been completed. The software was provided by Famic Technologies Inc.

**17.01.2022**

The project period has been extended

An agreement was reached to extend the project "Improvement of training programs for agricultural engineers through the introduction of innovative solutions in foreign universities" until June 30, 2022.

**25.02.2022**

Certificates were awarded at the end of the course

2nd group of teachers, graduate students who successfully completed of the course "Use of information and communication technologies in professional activities" organized within the project were awarded certificates.

**Project announcement****18.03.2019**

Competition for the organization and training in English courses (request for expressions of interest)

The project intends to use part of the funds for the services of organization/company or consultant-teacher on teaching of three-level English language courses for faculty and graduate students.

The project should ask candidates, organizations/companies or consultants who express an interest in participating in the tender for the above services to send (deliver) their proposal (package of documents) to the project office in a sealed envelope until April 2, 2019.

The package of documents should include:

For organizations/companies:

- information about the organization (charter, activities of the organization, previous experience in organizing English language courses, plans for conducting courses)
- information about teachers who will teach the courses (CV, copies of diplomas and certificates, plans for the courses)

For individual teacher-consultants:

- information about teacher-consultant who will teach the courses (previous experience in organizing English language courses, CV, copies of diplomas and certificates, plans for conducting courses)

Sample schedule and plan of the courses are shown below



#### **20.03.2019**

Competition for the position of assistant technical coordinator (request for expressions of interest)

The project intends to use part of the funds for the services of a consultant to work as an assistant technical coordinator of the project. Candidate for the position above must

- have at least a bachelor's degree in one of the technical major
- know the current state and tendency in the development of agricultural mechanization,
- have work experience in the specialty,
- be familiar with undergraduate curricula,
- be good in English and Russian.

The project ask candidates who express an interest in participating in the competition for the above services to send (deliver) their documents (CV, copies of passports, diplomas and certificates) to the project office by April 30, 2019.

Interested candidates may receive additional information by phone or at the project office.

#### **4.04.2019**

English language courses under project "Enhancement of agricultural engineering programs by using innovative techniques employed in foreign universities". <http://tiame.uz/uz/ad/04-04-19-1>

#### **5.04.2019**

Started project "Enhancement of agricultural engineering programs by using innovative techniques employed in foreign universities". <http://tiame.uz/uz/ad/5-04-19-11>



**5.04.2019**

Invitation of faculty members to English courses. <http://tiame.uz/uz/ad/5-04-19-12>

**25.04.2019**

Defined educational institution for teaching in English language courses.

<http://tiame.uz/uz/ad/25-04-19-13>

**25.04.2019**

The list of faculty selected for training in English language courses. <http://tiame.uz/uz/ad/25-04-19-14>

**26.04.2019**

Results of the competition for the position of Assistant Technical Coordinator of the project  
Six candidates for the position of Assistant Technical Coordinator of the project applied for the competition. Ravshan Botirov and Alisher Murodullaev, employees of the Agricultural Machinery Design and Technology Center LLC, were recommended for the position of Assistant Technical Coordinator by the group for selection and involvement of consultants in the project, as well as the results of interviews with them.

**17.06.2019**

As part of the project, Beginner-2 course have started for faculty and staff who have successfully completed the English course Beginner-1.

**5.08.2019**

Elementary-1 course for professors and staff who have successfully completed Beginner-2 English course has started within the project

**4.10.2019**

Consultant services for training on Precision Agriculture courses within the project (request for expression of interest)

<https://old.tiame.uz/en/ad/4-10-19-11>

**8.10.2019**

To the attention of those who want to study English courses

Professors and graduate students are invited to the Elementary-2 level English language courses organized within the project, the number of students in the courses is limited

<http://old.tiame.uz/uz/ad/8-10-19-12>

**14.10.2019**

Within the framework of the project, Elementary-2 course courses have been launched for teachers and staff who have successfully completed the Elementary-1 English language course and have been additionally selected.

Consultant services for conducting training courses on Tractors and agricultural machines hydraulic and electronic systems within the project (request for expression of interest)

<https://old.tiame.uz/uz/ad/14-10-19-11>

**7.01.2020**

To the attention of those who want to study English courses!

Professors and graduate students are invited to the Pre-intermediate-1 level English language courses organized within the project, the number of students in the courses is limited

<http://old.tiame.uz/uz/ad/7-01-2020-1>

### **13.01.2020**

The project started Pre-intermediate-1 course for professors and graduate students who have successfully completed the Elementary-2 English language course and were additionally selected.

### **9.06.2020**

Online seminar on the course "Precision agriculture and data processing" through the platform WebEx  
As part of the project, an online seminar on "Precision Agriculture and Data Processing" with the participation of Professor of the Mississippi State University Ganesh Bora is being organized through the WebEx platform

<http://old.tiame.uz/uz/ad/09-06-20-1>

### **2.08.2020**

Online seminar on the course "Electronic equipment of tractors, automobiles and self-propelled vehicles" through the platform Zoom

As part of the project, an online seminar on the course "Electronic equipment for tractors, automobiles and self-propelled vehicles" with the participation of Professor Paul Weckler from Oklahoma State University is organized through the Zoom platform

<http://old.tiame.uz/uz/ad/freecours>

### **9.09.2020**

A partnership is being established with Iowa State University, a leading U.S. university in the field of agricultural engineering

<https://old.tiame.uz/en/ad/09-09-20-11>

### **3.11.2020**

To the attention of those who want to study English courses

Professors and graduate students are invited to the Pre-intermediate-2 English language courses organized within the project, the number of students in the courses is limited

<http://old.tiame.uz/uz/ad/Pre-intermediate>

### **23.11.2020**

Within the framework of the project, Pre-intermediate-2 course courses have been launched for professors and graduate students who have successfully completed the Pre-intermediate-1 English language course and have been additionally selected.

### **14.12.2020**

Consulting services for the conducting the curriculum survey and the development of recommendations in this area (request to expression of interest)

<https://old.tiame.uz/en/ad/14-12-20-11>

### **29.12.2020**

Consulting services for the development of training materials for the course "Electrical and electronic equipment of tractors and agricultural machines" (request to expression of interest)

<https://old.tiame.uz/en/ad/29-12-20-13>

Consulting services for the development of training materials for the course "Unmanned aerial vehicles and global navigation systems" (request to expression of interest)

<https://old.tiame.uz/en/ad/29-12-20-14>

### **8.01.2021**

Results of the competition for consulting services

Shukhrat Mirkarimov, an employee of JV Uzcaseservis, was selected as a consultant to conduct a survey on the curriculum and develop recommendations in this regard.

<http://old.tiame.uz/uz/ad/08-01-21-11>

### **19.01.2021**

Results of the competition for consulting services

The project selection and recruitment team analyzed the proposals for the provision of consulting services for the development of training materials for the course "Electrical and electronic equipment of tractors and agricultural machines" and selected Sh.Buronov as a consultant Associate Professor of Vehicle Engineering department of Karshi institute of engineering and economics

Dean of the faculty of Aviation Transport Engineering, Tashkent State Transport University N.Abdujabarov, was selected as a consultant for the development of training materials for the course "Unmanned aerial vehicles and global navigation systems"

### **19.03.2021**

Consulting services to organize the course "Use of information and communication technologies in professional activities" and conduct lessons for professors and graduate students (request to expression of interest)

<https://old.tiame.uz/en/ad/19-03-2021-1>

### **5.04.2021**

Results of the competition for consulting services

The group for the selection and involvement of consultants in the project analyzed the proposals for the organization of the course "Use of information and communication technologies in professional activities" for teachers and the provision of consulting services for classes PhD student S.Muxamadiev selected

### **6.04.2021**

Competition for the purchase of a laboratory stand

The project invites organizations / companies to express interest in participating in the tender for the supply of a laboratory stand for testing the injectors of the Common Rail fuel system of diesel engines

<https://old.tiame.uz/en/ad/06-04-21-20>

<https://tenderweek.com/tender-25925>

### **9.04.2021**

Competition for the purchase of software products for training hydraulic and electrical systems of tractors, agricultural and reclamation machines (request to expression of interest)

<https://old.tiame.uz/en/ad/09-04-21-15>

<https://tenderweek.com/tender-25926>

### **27.04.2021**

Results of the tender for the purchase of software products for training hydraulic and electrical systems of tractors, agricultural and reclamation machines

Since one offer was received for the tender for the supply of software products, it was proposed to reconsider the technical requirements and announce a re-tender for the purchase of software products.

## **2.06.2021**

International consulting services for the organization and conduct of the course "Fluid power and hydraulic systems of tractors and agricultural machines" (request to expression of interest)

<https://old.tiame.uz/en/ad/02-06-21-16>

International consulting services for the organization and conduct of the course "Fluid power and hydraulic systems of tractors and agricultural machines" (extension)

<https://old.tiame.uz/oz/ad/10-06-21-15>

<https://tenderweek.com/tender-26208>

## **7.07.2021**

Competition for the purchase of software for training hydraulic and electrical systems of tractors, agricultural and reclamation machines (repeated)

<https://old.tiame.uz/en/ad/07-07-21-7>

<https://tenderweek.com/tender-26439>

Consulting services for the development of teaching materials for the course "Fundamentals and tools of precision agriculture" in the field of education (request to expression of interest)

<https://old.tiame.uz/en/ad/07-07-21-8>

<https://tenderweek.com/tender-26440>

## **8.07.2021**

Results of the competition for foreign consultant services

Two professors from US universities participated in the competition for international consulting services for the course "Fluid power and hydraulic systems of tractors and agricultural machines", organized within the project. Thomas Bon, a professor at North Dakota State University, was selected as the foreign consultant after a thorough review of the proposals received by the consultant selection and involvement team of the project.

<https://old.tiame.uz/en/ad/08-07-21-3>

## **19.07.2021**

The result of the competition for the purchase of a laboratory stand

A total of 4 bids were received for the tender to supply a laboratory stand for testing Common Rail fuel system injectors of diesel engines. The proposals of ENTERPRISE LLC, DIESEL TRADE LLC, TRADEUZ-TECHNO PC, HIMLABPRIBOR LLC were studied in detail with the participation of experts in comparison with the technical requirements developed by the project for the stand and components. During the bid review process, PC and LLCs were contacted by email to obtain the information needed to fully evaluate the bids, and information available on the relevant websites about the stands to be delivered was used.

Taking into account the results of the study of proposals for the supply of laboratory test benches and accessories, the proposal of DIESEL TRADE LLC of the Russian Federation was considered the most acceptable; it was recommended to conclude a contract between the LLC and the institute for the supply of benches and accessories

## **9.08.2021**

Results of the tender for the purchase of software products for training hydraulic and electrical systems of tractors, agricultural and reclamation machines

Even in the repeated tender for the supply of software products, only one company provided an offer. Due to the compliance of the proposed software product with the requested technical requirements and the need to implement the planned procurement in the project, it was recommended to prepare a contract with the Canadian company Famic Technologies Inc.

### **5.10.2021**

To the attention of those who want to study the course "Use of information and communication technologies in professional activities"

<http://old.tiame.uz/uz/ad/05-10-21-11>

Consulting services for the development of training materials for the course "Hydraulic systems of tractors, agricultural and reclamation machines" (request to expression of interest)

<https://old.tiame.uz/en/ad/05-10-21-12>

<https://tenderweek.com/tender-26914>

Consulting services for the development of teaching materials for the course "Fundamentals and tools of precision agriculture" (request to expression of interest, repeated)

<https://old.tiame.uz/en/ad/05-10-21-13>

<https://tenderweek.com/tender-26915>

### **18.10.2021**

Results of the consulting services competition

The team for the selection and involvement of consultants in the project studied proposals for for the development of training materials for the course "Hydraulic systems of tractors, agricultural and reclamation machines" and Kh.Irisov, a senior lecturer at Tashkent State Technical University, was recommended as a consultant.

The team for the selection and involvement of consultants in the project studied proposals for the development of training materials for the course "Fundamentals and tools of precision agriculture" and O.Ochildiev the head of the Termez branch of Tashkent State Technical University recommended as a consultant.

### **27.11.2021**

A tender has been announced for the purchase of laboratory equipment

The project invites organizations / companies to express their interest in participating in the competition to supply of laboratory equipment for the course "Fundamentals of Thermodynamics and Heat Transfer".

<https://tiame.uz/oz/content/laboratoriya-jihozlari-xarid-qilish-boyicha-tanlov>

<https://tiame.uz/en/node/964>

<https://tenderweek.com/tender-27199>

### **9.12.2021**

Online course in modeling physical systems

Brian Steward, a professor at Iowa State University, will conduct online courses on Physical Modeling of Dynamic Systems from December 6, 2021 to February 28, 2022. The course is conducted through ISUs Canvas learning management system. The course provide detailed info on use of the Modelica program in modeling physical systems in agricultural engineering. Active participants of the course will be awarded a certificate at the end of the course. For registration please by call 90 321 3437.

<https://old.tiame.uz/oz/content/elon-0>

**24.01.2022**

Results of the competition for the supply of laboratory equipment

The project received a total of 2 bids for the supply of laboratory equipment for the subject "Fundamentals of Thermodynamics and Heat Transfer". The proposals of UchTexTranzit and TRIMBIRT LLC were studied in detail with the participation of experts in comparison with the technical requirements for laboratory equipment. In the course of the bid review, the LLCs were contacted by e-mail to obtain the information needed to fully evaluate the bids and the information available on the relevant websites about the stands to be delivered was used.

Taking into account the results of the study of proposals for the supply of laboratory equipment, the proposal of TRIMBIRT LLC of the Russian Federation was considered the most favorable, which recommended the conclusion of an agreement between the LLC and the university on the supply of laboratory equipment.

**25.01.2022**

A tender has been announced for the provision of declarant services

The project invites organizations / companies to express their interest in providing declaration services for the preparation of customs declarations for laboratory stands and components purchased from abroad.

Organizations / companies wishing to participate in the competition will be asked to submit proposals electronically or submit them in person to the project office by February 8, 2022. Interested organizations / companies can get more information by phone or in the office.

**Project office address**

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