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Tver State Technical University was founded in 1922
Currently Tver State Technical University is a big education, research and production complex comprising eight faculties.

It includes 48 departments staffing 577 professors. Among them 65 Full Professors, Doctors of Sciences, and 312 Associate Professors, PhD. It educates about 10,800 students including 4,200 full-time ones.

In 2012 TvSTU had 2,272 graduating students and admitted 2,541 new students including future masters.

Tver State Technical University is a Russian university the education and research of which is well-known in a wide range of countries of the world. Since 1979 we have a preparation section for foreign citizens, Faculty of International Academic Cooperation, graduated by over 5,000 foreign students from 82 countries of the world.

Over 700 foreign citizens were awarded Engineer Diplomas, over 30 foreign students were awarded PhD degrees, over 120 students were certified as Russian Language Teachers for Russian Language Courses.

Within its 55 years of education in Tver our university prepared over 72,000 specialists and researchers — which is a serious contribution to the social and economic development of Tver region.

The university is proud of its graduates, among which are scientists and teachers, heads of major companies and organizations, famous managers, government, political and public leaders.
Faculty of Nature Management and Engineering Ecology (FNMEE) at Tver State Technical University is the only one in Russia to educate unique peat industry specialists. Its departments that have their graduates (Geotechnology and Peat Manufacturing Department and Peat Machinery and Equipment Department) celebrate their 90-th anniversary in 2012.

Faculty of Nature Management and Engineering Ecology was established in 1996. Before 1996 it was named Mechanical and Technological Faculty. The latter faculty appeared as a result of merging the three oldest faculties (Mining, Mechanical and Hydrotechnical ones) in 1988.

The faculty continues the historical trend of Moscow Peat Institute to train specialists in the sphere of peat business and prepares specialists in the field of nature management and engineering ecology.

The faculty is headed by Oleg Stepanovich MISNIKOV, Doctor of Technical Sciences, Full Professor.

There are approximately 600 students being educated at the faculty.

The faculty has the following departments:
—Geotechnology and Peat Manufacturing;
—Peat Machinery and Equipment;
—Nature Management and Ecology;
—Peat and Sapropel Geology and Processing;
—Mechanization of Nature Management and Machinery Repairing;
—Technical Mechanics;
—General Physics;
—Hydraulics, Heat Engineering and Hydraulic Drive;
—Living Safety and Ecology. Since 2011 the faculty started teaching bachelors in compliance with new Federal Government Education Standards for Higher Vocational Education in six directions:
—140100.62 Heat and Power Engineering, Heat Engineering;
—151000.62 Technologic Machinery and Equipment;
—190600.62 Operation of Transportation and Technological Machinery and Complexes;
—241000.62 Power- and Resource-Saving Processes in Chemical Technology, Petrochemistry and Biotechnology;
—280100.62 Nature Management and Water Consumption;
—280700.62 Technosphere Safety; and specialists in two specialties:
—130400.65 Mining;
—190109.65 On-Land Transportation and Technological Machinery.
Machine-Building Faculty — one of the oldest faculties at TvSTU — was founded in November 1965.

One of the priority directions of the faculty is a targeted individual training of specialists in the framework of direct contracts with leading regional companies in order to adapt the specialists to the objectives of the companies.

TvSTU concluded an Agreement and a Contract with Technological University of Belfort-Montbéliard, France that allow the students of the faculty to have a six-month practical training and study in France. Eleven students had this training in leading French companies including those manufacturing transportation machinery. Two students were awarded French engineer diplomas. One graduate student studied at a joint postgraduate course, proved his thesis and was awarded a PhD degree.

The faculty is headed by Vladimir Valentinovich MESHKOV, Doctor of Technical Sciences, Full Professor.

There are approximately 500 students being educated at the faculty.

The faculty includes the following departments:
— Machine-Building Technology and Automation;
— Construction and Road-Building Machinery and Equipment;
— Electric Power Supplying and Electrical Engineering;
— Chemical Manufacturing Machinery and Equipment;
— Process Metallurgy and Material Science;
— Applied Physics;
— Engineering Graphics.

Since 2011 the faculty started teaching bachelors in compliance with new Federal Government Education Standards for Higher Vocational Education in five directions:
— 140400.62 Electric Power Supplying and Electrical Engineering;
— 151000.62 Technological Machinery and Equipment;
— 151900.62 Engineering and Design Support for Machine-Building;
— 190100.62 On-Land Transport and Technological Complexes;
— 220700.62 Process and Production Automation;
and specialists in the specialty 190109.65 - On-Land Transport and Technological Means.
CONSTRUCTION ENGINEERING FACULTY

In 1960 Kalinin Peat Institute opened two new specialties: Industrial and Civil Construction and Hydraulic Engineering Construction. So was established a Construction Engineering Faculty.

The students graduated from the faculty are always in construction companies’ demand because they are provided with a vast basis of theoretical knowledge. The youngest specialists must be interested in our deeper training for real work in construction (for example, supplementary training in up-to-date technologies for cast-in-place construction, building reconstruction and repair, facade and interior finishing and decoration, winter construction, power-efficient building construction, etc.).

The faculty is headed by Yury Vasilievich SUKHAREV, PhD in Technical Sciences, Associated Professor.

There are approximately 650 students being educated at the faculty.

The faculty comprises the following departments:
— Motor Roads, Bases and Foundations;
— Construction Manufacturing;
— Structures and Constructions;
— Manufacturing Construction Products and Structures;
— Land Surveying and Cadaster;
— Architecture and Urban Planning;
— Higher Mathematics;
— Strength of Materials, Theory of Elasticity and Plasticity. Since 2011 the faculty started teaching bachelors in compliance with new Federal Government Education Standards for Higher Vocational Education in two directions:
— 120700.62 Land Surveying and Land Management (profile: Realty Cadaster);
— 270800.62 Construction with profiles: Industrial and Civil Construction;
Urban Construction and Municipal Services;
Manufacturing Construction Materials, Products and Structures;
Motor Roads and Air Stations;
Building Design.
Faculty of Information Technologies is one of the youngest ones in Tver State Technical University. It was founded on 1 September 2011 (Rectors Order №81 of 02 June 2011) on the basis of Faculty of Computer-Aided Systems and Humanities Faculty.

The faculty educates highly-qualified engineers and researchers majoring in creation and introduction of:
— State-of-the-art information technologies;
— Soft- and hardware;
— Automation facilities and control systems;
— Instrument engineering;
— Bioengineering and medical devices and systems. Moreover, the departments of Faculty of information technologies provide both fundamental and general technical training of students in other directions/specialties at the other TvSTU faculties.

There is a multidisciplinary laboratory named Control Theory and Distributed Computing headed by S.V. Emelyanov, Member of the Russian Academy of Sciences.

The faculty is headed by Aleksey Rostislavovich KHABAROV, PhD in Technical Sciences, Full Professor.

There are approximately 700 students being educated at the faculty.

The faculty has the following departments:
— Information Systems;
— Software;
— Computers;
— Workflow Automation;
— Informatics and Applied Mathematics. Since 2011 the faculty started teaching bachelors in compliance with new Federal Government Education Standards for Higher Vocational Education in seven directions:
— 200100.62 Instrument Engineering;
— 201000.62 Bioengineering Systems and Technologies;
— 220400.62 Engineering Systems Control;
— 230100.62 Informatics and Computers;
— 230400.62 Information Systems and Technologies;
— 230700.62 Applied Informatics;
— 231000.62 Program Engineering.
Chemical Technology Faculty of Tver State Technical University trains specialists in the sphere of chemistry, chemical technology, biotechnology, standardization and metrology.

The faculty cooperates actively with foreign educational institutions for the purpose of a steady growth in the quality of training specialists. Since 2007 it has been providing education in the framework of the joint education program of TvSTU and Abo Akademi, Finland. The objective of this program is to train specialists in chemical technology certified with both the Russian diploma and a diploma from the chemical faculty, Abo Akademi. This allows our graduates being employed both in Russia and abroad or in foreign companies without any additional procedure for validation of her/his knowledge and diploma.

The faculty is headed by Evgeny Arkadievich PANKRATOV, PhD in Chemical Sciences, Associated Professor.

There are approximately 300 students being educated at the faculty.

The faculty has three departments:
— Biotechnology and Chemistry;
— Technology of Polymer Materials;
— Chemistry.

The profiling departments of the faculty prepared over three thousand specialists during the whole period of their existence. This faculty features a distinct engineering trend in training its students allowing its graduates to effectively implement their professional skills both in industrial enterprises, scientific centers and commercial companies.

Since 2011 the faculty started teaching bachelors in compliance with new Federal Government Education Standards for Higher Vocational Education in four directions:
— 020100.62 Chemistry;
— 221700.62 Standardization and Metrology;
— 240100.62 Chemical Technology;
— 240700.62 Biotechnology;
and specialists in the specialty 020101.65 Fundamental and Applied Chemistry.
The faculty was founded at the university in 2011 on the basis of Humanities Faculty established in 1996. Faculty of Management and Social Communications keeps on the direction of Humanities Faculty in teaching specialists and bachelors in the sphere of economics, management, humanities and social sciences.

The faculty graduates - thanks to their fundamental background - can work in different branches of the economy of The Russian Federation, city of Tver and Tver Region in engineering, management and top management positions.

The faculty is headed by Ivan Ivanovich PAVLOV, PhD in Technical Sciences, Full Professor.

There are approximately 1100 students being educated at the faculty.

The faculty has the following departments:
— Sociology and Social Technologies;
— Psychology and Philosophy;
— History and Political Science;
— Motor Transport;
— Economics and Production Management;
— Management;
— Risk Management and Insurance;
— Accounting, Analysis and Auditing;
— Foreign Languages;
— Physical Training and Sports.

— Since 2011 the faculty started teaching bachelors in compliance with new Federal Government Education Standards for Higher Vocational Education in ten directions:
  — 080100.62 Economics;
  — 080200.62 Management;
  — 080400.62 Personnel Management;
  — 030300.62 Psychology;
  — 031600.62 Advertising and Public Relations;
  — 040100.62 Sociology;
  — 100400.62 Tourism;
  — 100700.62 Commerce;
  — 100100.62 Service;
  — 190700.62 Technology of Transportation.
Since 2012, the above bachelor education directions were added with admitting students to specialty 030301.65 Psychology of Official Activity.
The history of Correspondence Faculty starts with establishing a Correspondence Section at Moscow Peat Institute in 1931. In 1954 it was reorganized into Correspondence Faculty to prepare engineers in specialties such as Peat Field Development, Peat Machinery and Peat Field Preparation for Development.

The advantages of the study by correspondence are manifested in the facts that - despite the problematic demographic situation - the demand, competition for and admittance marks to it are still high.

The faculty is headed by Boris Ivanovich MASLENNIKOV, Doctor of Technical Sciences, Full Professor.

There are approximately 2350 students being educated at the faculty.

Since 2011 Correspondence Faculty adopted the two-level education system, in the framework of which it admits students to specialty 190109.65 On-Land Transport and Process Facilities, as well as the following bachelor directions:

— 030301.62 Psychology;
— 040100.62 Sociology;
— 080100.62 Economics;
— 080400.62 Personnel Management;
— 100100.62 Service;
— 101100.62 Hotel Business;
— 140100.62 Heat Supplying and Heat Engineering;
— 140400.62 Electric Power Supplying and Electrical Engineering;
— 151900.62 Designing and Technological Support for Machine-Building Companies;
— 190600.62 Operation of Transport and Process Machinery and Complexes (Motor Vehicle Service);
— 220400.62 Engineering Systems Control;
— 221700.62 Standardization and Metrology;
— 230400.62 Information Systems and Technologies;
— 230700.62 Applied Informatics;
— 241000.62 Power- and Resource-Saving Processes in Chemical Technology, Petrochemistry and Biotechnology;
— 270800.62 Construction;
— 280700.62 Technosphere Safety.
INSTITUTE FOR FURTHER VOCATIONAL EDUCATION AND RETRAINING

The further vocational education in the higher school is one of major aspects in the activities of any university including TvSTU. In 1993 our Rector initiated establishing a Post-diploma education faculty within our Postgraduate Section, as well as a scientific and teaching specialists training and retraining one.

In 1996 the faculty was renamed Faculty of Further Vocational Education and Retraining. In 1997 the faculty included a master section where first 45 masters of seven directions were admitted.

In 2009 Faculty of Further Vocational Education and Retraining was reformed to Institute for Further Vocational Education and Retraining, its structure was improved. Five departments were established at Institute for Further Vocational Education and Retraining.

The faculty is headed by Nikolay Mikhailovich PUZYREV, PhD in Technical Sciences, Associated Professor.

There are approximately 4200 students being educated at the faculty.

Now Institute for Further Vocational Education and Retraining is the major subdivision of the university. It trains and retrains specialists by shorter and accelerated education programs in 21 bachelor education directions and 25 specialties, provides further training and vocational retraining for top managers and specialists. Each year over 700 persons attend the short-time further training and retraining in 55 educational programs.

At the present time six TvSTU branches work. They cover practically all major municipal entities located in Tver Region: Rzhev, Bezhetsk, Vyshny Volochek, Konakovo, Kuvshinovo and Torzhok. During their existence time the branches trained and certified over 3.000 specialists. There are approximately 1.500 students studying full-time and by correspondence in 16 specialties and 7 directions now.
Foreign citizens education in Tver State Technical University commenced in 1979 with opening Preparation faculty for foreign citizens.

Since 1980 the university also began teaching foreigners at basic faculties where 31 students from Preparation Faculty were admitted as first year students. To work with foreign citizens at the basic faculties, a Supplementary Russian Language Department and a special Dean’s Office for work with foreign students were organized.

Since 1979 TvSTU provided the pre-university training for more than 5,000 foreign citizens from 82 countries of Asia, Africa and Latin America. Practically all of them graduated successfully from Soviet/Russian universities then.

During those years, TvSTU:
— carried out 33 annual graduations of specialists for foreign countries;
— awarded over 700 students with higher education diplomas;
— over 30 of its foreign graduates were awarded PhD;
— over 120 students were certified as Russian language teachers for Russian language courses.

Faculty of International Academic Cooperation acquired a good reputation at the federal level as a highly professional center for training specialists for foreign countries.

The faculty is headed by Yury Nikolaevich MATVEEV, Doctor of Technical Sciences, Full Professor.

There are approximately 350 students being educated at the faculty.

The faculty has the following departments:
— General Sciences;
— Russian Language Department for Preparation Section;
— Russian Language Department for Basic Faculties.
Tver State Technical University (TvSTU) is the leading Upper Volga scientific and methodological center in the fields of machine-building, construction, workflow automation and chemical technology. TvSTU is a backbone institution of peat business in the Russian Federation. In cooperation with Russian Peat and Bioenergy Society research center it provides training and retraining personnel for Tver and all-Russian peat industry, renders consulting services on peat reserves exploration and evaluation, choosing and validation of innovation theories on peat production and industrial processing for power supplying, agricultural and ecological purposes. Moreover, our university has regionally leading positions in some research directions, such as:

— industry of nanosystems and materials;
— development of equipment and technologies to save power and — resources in the peat-producing and peat-processing industries;
— forestry and agriculture;
— housing and construction material production;
— automation and information technologies;
— development of instruments and control systems;
— bio- and chemical technologies.

In 2011, A TvSTU Strategic Development Program for 2011-2015 was worked out and approved. Its objective is to open new horizons of activities in research, innovation and education. This program was supported by Tver Region Government.

The following priority directions are highlighted in the program:

— resource-saving;
— power generation from and deep processing of peat, sapropel and biomass;
— nano- and biotechnologies;
— surface engineering (resource-saving and nanotechnologies, composites, physics and mechanics);
— information and telecommunication systems;
— power-efficiency and -saving;
— power- and resource-saving technologies for construction materials and systems;
— development of target programs in residential construction, housing and communal services.
SOCIAL ACTIVITIES

The educative activities at Tver State Technical University are organized by Center for Youth Policy and Information Support for University Activities, Student Club, Student Trade Union Grassroots Organization, TvSTU Sports Club, Student Initiative Center. TvSTU Zone Scientific Library, TvSTU Museum, other clubs or associations of the university also deal with the students actively.

Recently our university has not just supported our students’ social traditions formed for many previous years, but also qualitatively reviewed and renewed the whole system of its educative activities.

At the present time our university has the following priorities in its social activities:
— keep, develop and elevate TvSTU traditions;
— organize support for students’ creative initiatives
— make creative groups;
— arrange social and sporting events;
— develop the students’ self-government system;
— improve TvSTU information support system: make information posters This All Is Polytech!, publish STADI’ON student magazine, broadcast TV-ON student TV channel, support the student media center and student site, etc.;
— implement programs: Creative Abilities of Freshmen, Student Adaptation Problems, Healthy Way of Life, Leader School, Student Group Supervising by Professors, etc.;
— organize student labor teams for different purposes such as volunteering, construction, etc.;
— organize guest or standing camps for active students;
— promote students’ patriotism and active civic position;
— extend the system of social and psychological aid to students;
— create and improve the student incentive system.

Tver State Technical University pays special attention to sports. There are five gyms, three playing gyms, an esthetic gym and an apparatus one working in the university.

TvSTU conducts regular sport contests in the following sports: table tennis, basketball, volleyball, cross-country race, all-round events, indoors soccer.

Our university has Azimut Tourist Club, Racing Motor CrossCountry Race Team and Shturm Rugby Club.
Our coordinates:
Tver State Technical University (TvSTU)
Af. Nikitin Emb., 22
Tver, Russian Federation, 170026
Tel.: +7(4822)52-63-35, Fax: +7(4822)52-62-92
E-mail: common@tstu.tver.ru
http://www.tstu.tver.ru