



Islamic Republic of Iran
Ministry of Science, Research and Technology

Technical and Vocational University

Training Technicians to Build up The Future



Chancellor's Message

Dr. Erfan Khosravian

Technical and Vocational University was founded in 1974, and currently has 181 branches in 120 cities across the country, where more than 100 programmes at associate and 60 at undergraduate levels are being taught.

TVU mandates in training technicians and experts, identifying needs of industry, agriculture and providing the required services to various sectors of the society. We welcome scientific and technological cooperation with universities and industries around the world, where exchange of expertise, bi-and tri-lateral cooperation in various fields of technical and vocational trainings are provided. Studying at TVU will challenge and inspire you, providing you with a rich experience of both practical and theoretical aspects of your chosen discipline, equipping you with the knowledge and skills of making a real difference into society.

I look forward to welcoming you to Technical and Vocational University.



The first technical school named "Honarestan Sanaty Tehran".

Background

The formal system of technical and vocational education in Iran began in 1907 right after the establishment of Iran-Germany vocational school in Tehran. In 1984 The Ministry of Education and Growth took the responsibility and established the Institute of Technology in Tehran and almost 30 branches in other industrial cities. By the year 1996 the system of education in Iran developed and the institutes promoted to colleges which would offer associate's and bachelor's degrees to vocational school graduates. In 2011 Technical and Vocational Colleges and Faculties officially departed from the Ministry of Education and Growth and affiliated to the Ministry of Science, Research and Technology under the name of Technical and Vocational University (TVU) and as the only state university took the clear mandate for academic vocational education and training in Iran.

TVU aiming for being a third generation university, started its mission as a skill-based, and demand-driven university with over 180 faculties and colleges in about 120 cities across the country. These programs offer various courses, and only %30 of them are held theoretically in classes while almost %70 are instructed practically at numerous well-equipped laboratories and workrooms.

VISION

TVU is the pioneer for improving the quality of technical and vocational education, and has the vision of training the rigorous skills demanded by the job market, followed by establishing a sustainable and effective Academia-Industry Collaborations; for further upgrade and improvement of the quality of products and services. Offering various Associate and Undergraduate Programmes, TVU also aims at being a competitive international university, and achieving World Ranking as a distinguished third generation university.

Mission

TVU is responsible for training and empowering its students to be the skilful technicians who build the future. Through short-term and in-service training programmes, it also plays a crucial role in improving human resources efficiency in Agriculture, Industry, and Social and technical services.

OBJECTIVES

Such mission is to be accomplished through the following objectives:

- Improving the quality of technical and vocational programmes
- Building sustainable and effective Academia-Industry collaborations
- Remaining a competitive international university
- Achieving World Ranking as a third generation university

To reach the transcendental goals of TVU, the headquarters is responsible for policy-making, planning, and supervising the function of its branches (campuses, faculties and colleges), and their goals have been set to increment the role of technical and vocational training in upgrading the efficiency, and their social and economic progression throughout the country.



TVU Facts & Figures

Oct. 2022



+ 100 Associate Degree programmes

+ 60 Bachelor Degree programmes



+ 180,000 Students



+ 1100 Faculty Members

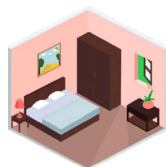


+ 181 Campuses (Faculties & Colleges in 120 Cities)



+ 3010 Laboratories & Workrooms

+ 213 Dormitories



+ 7100 Staff



+ 19000 Visiting Lecturers



+ 500,000 Alumni



International Cooperation

TVU currently undertakes international scientific cooperation with foreign accredited universities and institutes such as:

Germany – FHM - Beuth - Cologne - Technische Universität Berlin- Leipzig University

France - Paris13 University

Romania - Pitesti

South Korea - KOICA

Lebanon - Al-Afaq institute

Senegal - Promecabil institute

India - Mysore

Republic of Mali- Minister of Higher Education and Research of the Republic of Mali

Oman - Al Asia

Iraq - Northern Technical University - TISHK international University

Kurdistan Region of Iraq - Erbil Salahaddin University - Koya University - MAD institute

Afghanistan -Meyvand University

and various international institutes such as BMBF, BIBB, iMOVE, GOVET, IKKE, GBB, FIAP, DAAD, etc. and the particular emphasis is on technical and vocational trainings. Moreover, exchanging experiences in skill-based training programs within the framework of the international academic collaborations is of great importance to TVU, some of which are as follows:

- Admission of international students
- Holding international academic events
- International Conferences
- International Seminars
- International workshops

Membership in the programs of Erasmus and Erasmus+

Participation in GreenMetric World University Rankings 2022-2021-2020-2019

- Exchanging professors, lecturers and students
- Holding dual degree programs
- Holding international short-term training courses
- Defining joint research projects



Hosting foreign delegations,
meetings and attending
national and international
scientific and technical events





Subjects and Majors

Subjects	Programmes / Departments	Majors
Agriculture	Agriculture Technical Affairs	5
	Animal Science	12
	Food Processing and Control	3
	Gardening and Crop Science	10
	Horticulture	3
Arts	Animation and Video Communication	5
	Design and Sewing	6
	Handicrafts	4
	Painting	3
	Restoration	2
Building and Architecture	Architecture	4
	Civil Engineering	8
	Urban Architecture	3
Electricity and Computer	Computer	6
	Electronics	11
	Electrotechnics	9
Engineering Sciences	Automotive Mechanics	7
	Installation	5
	Manufacturing	8
	Marine sciences	4
	Materials and chemistry	10
	Mechanics	10
	Mining	5
Humanities	Accounting	9
	Administrative Sciences	3
	Management	2
	Physical Education	3

TVU Branches

Provincial Branches	Faculties/ Colleges	Provincial Branches	Faculties/ Colleges
Alborz	2	Khorasan, North	5
Ardabil	3	Khorasan, Razavi	11
Azerbaijan, East	8	Khorasan, South	5
Azerbaijan, West	5	Khuzestan	5
Bushehr	3	Kohkiluye & Boyer-Ahmad	2
Chahar Mahaal & Bakhtiari	5	Kordestan	4
Fars	13	Lorestan	4
Ghazvin	2	Markazi	4
Gilan	7	Mazndaran	12
Golestan	5	Qom	2
Hamedan	6	Semnan	4
Hormozgan	3	Sistan & Baluchestan	4
Ilam	2	Tehran	8
Isfahan	13	Yazd	9
Kerman	14	Zanjan	2
Kermanshah	4	181 Branches in 31 Provinces	

Geographical Distribution of TVU Campuses



Short-term Training Courses

Short-term Training Courses	Related Majors	Hours
Alarm Systems Installation	Electronics and Electricity	40
Mobile Application Implementation & Design	Computer	120
Application of Mapping Cameras	Civil and Architecture	160
Automatic Door Installation	Electronics and Electricity	40
Automotive Electricity	Automotive Mechanics	80
Automotive Engines	Automotive Mechanics	80
Car ECU Repair	Mechanics	80
Carpet Expert	Textile	160
Carpet Weaving	Art	120
Central Antenna Installation	Electronics and Electricity	40
Customs Clearance Agent	Business Accounting	80
Design & Manufacturing Electronic Boards	Electronics and Electricity	80
Dot-matrix Display Installation	Electronics and Electricity	80
Dynamic Websites Implementation & Design	Computer	120
Electric Motor Winding	Electricity	80
Electric Shutter Installation	Electronics and Electricity	40
Elevator Maintenance & Repair	Electricity	80
EPLAN Electric Software	Electricity	160
Eskis & Rando	Architecture	40
Fashion & Clothing Design	Design and Sewing	80
Fire Alarm System Installation	Electronics and Electricity	40
General Safety for Engineers	Civil (Engineering)	80
Graphic Tools	Computer	80
HSE	Civil (Engineering)	40
Industrial Electricity	Electronics and Electricity	80

Industrial Power Panel	Electricity	80
Interior Design	Civil and Architecture	160
Jewelry Design	Design and Sewing	80
Lighting Engineering & Lighting in Building	Civil, Installations, Mechanics, Electricity	80
Livestock & Aviation Facilities Design	Agriculture	80
Low Traffic Central Device Installation	Electronics and Electricity	40
Machining Course	Manufacturing	80
Maintenance Management	Civil	80
Manteau Design & Sewing	Design and Sewing	80
Mapping	Architecture	80
Multimedia & Video Editing	Computer	120
Network Design & Installation	Computer	120
Office Software	Computer	120
PLC Basics	Electricity	160
PLC Professional	Electricity	160
Practical Welding & Inspection	Welding and Civil	120
Quail Breeding	Agriculture	80
Robotics	Computer	80
Security Camera Installation	Electronics and Electricity	40
Solar Panel Installation	Electronics and Electricity	40
Vegetable Farming	Agriculture	40
Boiler Installation & Repair	Electronics and Electricity	80
Wedding Dress Design & Sewing	Design and Sewing	80
Wheat and Barley Farming	Agriculture	80
Wiring & Intelligent Home Programming	Civil, Installations, Mechanics, Electricity	40

Art

Animation and video communication

Graphic design, (Applied science university, non-continuous) **Bachelor** of Visual communication, Animation design, Graphic design, (continuous) **Bachelor** of Visual communication

Handicrafts

Wood arts, Carpet weaving (handmade), Etching, Pottery and ceramics

Design and sewing

Design and Sewing, (Applied science university, non-continuous) **Bachelor** of Design and sewing technology, Clothing design, (Applied science university, non-continuous) **Bachelor** of Clothing design, (continuous) **Bachelor** of Fabric printing design, (continuous) **Bachelor** of Dress design

Restoration

Bachelor of Restoration of monuments, Protection and restoration of monuments

Painting

Bachelor of Visual arts - Painting, Visual Arts - Painting, Jewelry design and manufacture

Building and Architecture

Building

Mapping - Mapping, **Bachelor** of Building Technology Engineering, Road Construction, Construction - General Building Works, Building Maintenance and Restoration, Execution of Concrete Structures, **Bachelor** of Road Construction Technology Engineering, **Bachelor** of Executive Civil Engineering

Urbanism

Urban Traffic Transportation, Urbanism, **Bachelor** of Urban Traffic and Transportation Technology Engineering

Architecture

(Applied science university, non-continuous) **Bachelor** of Architecture, Classical Architecture, Architectural Drawing - Architecture, (continuous) **Bachelor** of Architectural Engineering

Electricity and computer

Electrotechnics

Electricity and power (Post and Transmission sub-major), Electromechanics - Electrical installations, Electricity and installations (Electricity Sub-major), Elevator and escalator installation and repair, Electricity and power (Distribution sub-major), Repair and maintenance of electric machines, **Bachelor** of Electricity technology engineering - Power, **Bachelor** of Electricity technology engineering - Transmission and distribution networks, Electromechanics - Industrial Power

Electronics

Bachelor of ICT engineering (wave sub-major), **Bachelor** of ICT engineering (Exploitation of telecommunication systems sub-major), **Bachelor** of ICT engineering (Mobile telecommunication sub-major), **Bachelor** of Electronic technology engineering, Electronics - Radio and television, Information and communications technology, Electricity - Electronic and Instrumentation, **Bachelor** of Applied electronics technology engineering, Repair and maintenance of medical equipment - Medical diagnostic laboratory, Electricity - General electronics, **Bachelor** of Electrical engineering - Electronics

Computer

Bachelor of Computer software technology engineering, Computer - Computer Software, Computer hardware, Information and communications technology, **Bachelor** of Computer network technology engineering (Design and Implementation sub-major), (continuous) **Bachelor** of Computer engineering - software

Humanities

Physical Education

Physical Education - Physical Education, (Applied science university, non-continuous) **Bachelor** of Sport Coaching, **Bachelor** of Sport Sciences Physical Education (Physical Education Planning and Management sub-major)

Accounting

Business Accounting - Accounting, Accounting (Industrial Accounting sub-major), Accounting (Financial Accounting sub-major), Accounting (Auditing sub-major), Accounting (Tax Accounting sub-major), (Applied science university, non-continuous) **Bachelor** of Accounting (Financial Accounting sub-major), (Applied science university, non-continuous) **Bachelor** of Accounting, Accounting (Governmental Accounting sub-major), (continuous) **Bachelor** of Accounting

Humanities

Administrative Sciences

Hotel Management, Administrative Affairs, Advertising and Marketing

Management

Babysitting - Child Instructorship, Family Management - Family Management

Agriculture

Agriculture technical affairs

Transport and distribution of agricultural water, **Bachelor** of Manufacturing technology Engineering (Agronomy and horticulture machines sub-major), **Bachelor** of Agricultural machinery engineering, Agricultural machinery - Agricultural machinery mechanics, Agricultural machinery - Agricultural mechanization

Horticulture

Bachelor of Plant Production Engineering (horticulture sub-major), (Applied science university, non-continuous) **Bachelor** of Production of ornamental plants and floriculture, Production of ornamental plants and floriculture

Gardening and Crop Science

Agronomy and horticulture affairs - Agronomy production technology, Production of edible mushrooms, (Applied science university, non-continuous) **Bachelor** of Integrated management of pests, Production of sapling, **Bachelor** of Production and exploitation of medicinal and aromatic herbs, **Bachelor** of Plant Production Engineering (Agronomy sub-major), Agronomy and horticulture affairs - horticulture production technology, Agronomy and horticulture affairs - Medical plant technology, Production and exploitation of medicinal and aromatic herbs, Producing and growing vegetables

Animal Science

(Applied science university, non-continuous) **Bachelor** of Poultry production, Apiculture, Aquaculture - Fresh water, Veterinary health care assistant, Poultry production, Livestock affairs - Livestock breeding technology, Aquatic animal health, Industrial poultry farming, **Bachelor** of Animal Production Engineering, Industrial cow farming, Production of ornamental aquatic animals, Biological products

Food processing and control

Milk and dairy products, Food industry - Food quality control, **Bachelor** of Food industry and science engineering

Engineering sciences

Installation

Installation - Refrigeration, Bachelor of Thermal and Cryogenic Installations Technology Engineering, Installation - Central Heating and Air Conditioning, Gas Delivery, Mechanics - Installation and Ventilation

Manufacturing

General Drawing - Drawing and Industrial Design, Manufacturing - Molding, Bachelor of Control Technology Engineering (Manufacturing sub-major), Bachelor of Manufacturing Technology Engineering - Machine Tool, Bachelor of Control Technology Engineering (Instrumentation sub-major), Bachelor of Manufacturing Technology Engineering - Molding, Manufacturing - Machine Tool, Bachelor of Drawing and Industrial Design Technology Engineering

Marine sciences

Navigation - Navigation, Electronics and Marine Telecommunication - Electronics and Marine Telecommunication, Bachelor of Port Equipment Technology Engineering, Marine Engines Mechanics - Marine Engines Mechanics

Mining

Stone Processing (Constructive Stone Processing sub-major), Stone Processing (Decorative Stone Processing sub-major), Mining - Mine Exploitation, Bachelor of Underground Mining Technology Engineering, (Applied science university, non-continuous) Bachelor of Mining Engineering

Mechanics

Printing - Printing, Metal Industries, Bachelor of Technology Engineering, Textile Industries - Textile Industries, Wood and Paper Industry - Wooden Structures, Household Appliances, Bachelor of Textile Industries Technology Engineering, Metal Industries - Welding, Bachelor of Wood and Paper Industry Technology Engineering - Wooden Structures, Compressed Wood Billets Industry

Automotive Mechanics

Automobile Quality Control, Automobile After-sales Service, Industries Mechanics - Industries Machinery, Bachelor of Automotive Mechanics Technology Engineering, Automotive Mechanics - Automotive Mechanics, Bachelor of Road Machinery Mechanics Technology Engineering, Automobile Maintenance and Repair

Materials and chemistry

Chemical Industries - Chemical Industries, Bachelor of Chemical Industries Technology Engineering, Metallurgy - Casting, Laboratory Chemistry (Industrial sub-major), Bachelor of Metallurgy Technology Engineering - Metal Melting, Exploitation of Gas Refining, Ceramic - Industrial Ceramics, Laboratory Chemistry (Cosmetic sub-major), Metallurgy - Modeling, (Applied science university, non-continuous) Bachelor of Industrial Ceramics



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