



BULGARIA



Human
Resource
Development
Centre



Education and Culture
Lifelong Learning Programme

Technical University

SLIVEN Faculty of Engineering and Pedagogy

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BULGARIA, Sliven



The generosity of nature toward Sliven is incontestable. The rocky massif "Sinite Kamani" (The blue stones), the fresh air, the abundance of water, the temperate climate, the mineral springs, the fruitful valley of the Tundja river and the plain of Sliven are only a small part of her gifts.



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In 1986 the Technical University - Sofia in Sliven created a Faculty for training of engineering teaching staff.



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Educates students in the following courses:

Bachelor Degree Courses

(4-year course)

- Automation, Information and Control Technique
- Electrical Engineering
- Computer Technologies in Machine Engineering
- Machine Engineering
- Heat Engineering
- Industrial Engineering (The course is in English)

Master's Degree Courses

(1,5 years after Bachelor degree)

- Automation, Information and Control Technique
- Computer and Business Studies
- Electrical Engineering
- Heat Engineering
- Machine Engineering
- Transportation Engineering and Technology

Vocational Bachelor's Degrees

(3-year course)

- Repair and Operation on Transport Equipment
- Textile and Clothing Manufacturing
- Food Technology



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***It offers education with
European scope.***

*Students are studying in EU-
synchronized curricula and
programs due to the long-
standing cooperation with
related universities in
European Union. This
allows their training in
European universities during
certain periods of time.*





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*There is very good
necessary equipment
for both auditoria and
laboratory work, as
well as conditions for
rich and full of value
social life.*





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“Automation, Information and Control Technique”

Course

Prospects of the course is defined by its versatility and capacity for successful implementation of the graduates in all fields of engineering and economics, where modern automated information technologies are set up and developed.





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“Automation, Information and Control Technique”

Course

Course graduates can:

Design, construct and develop;

*Organize and carry out an automation
and management task in any
economic field;*

*Create mathematical models in
different production processes;*

*Carry out experimental research, programming and information supply
of managing complex technical systems;*





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“Automation, Information and Control Technique”

Course

Course graduates can:

Lead and participate in team activities of versatile specialists working in different fields of automation and management;

Use databases, programming languages and applied software.



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“Electrical Engineering”

Course

“Electrical Engineering”

course combines traditional and modern trends related to the numerous applications of electricity in the modern world.



Course graduates can:

Design, construct and operate on electric power and electrical equipments;



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“Electrical Engineering”

Course

Course graduates can:

Perform jobs in electricity supply and electricity transfer, electric power-stations and substations, electrical companies, alternative and renewable power sources systems;

Develop, introduce and consult about electric power projects;





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“Electrical Engineering”

Course

Course graduates can:

Set up and run a business in power engineering and renewable power sources;

Work as teachers in secondary schools.





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“Computer Technologies in Machine Engineering”

Course



There is dynamic development of mechanical engineering, technology and manufacturing systems to high automated computerized procedures. It causes a growing demand for mechanical engineers with extensive knowledge in computer and information technologies.



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“Computer Technologies in Machine Engineering”

Course



Course graduates can:

Lead and participate in national and international teams of specialists engaged in design, development, production, service, consulting, advertising and marketing activities in the field of engineering, applying the latest advances in computer and information technology;



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“Computer Technologies in Machine Engineering”

Course

Course graduates can:

They may rise to managerial and executive positions in manufacturing, services, commerce, education and public administration. They can also develop business in the field of engineering.



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“Heat Engineering”

Course

Course graduates can:

*Apply their knowledge and skills in the following areas:
design, construction,
production, installation and
maintenance of heat and
heating equipment, cooling
and ventilation systems and
air-conditioning, heat and
gas supply and industrial
heating equipment,*





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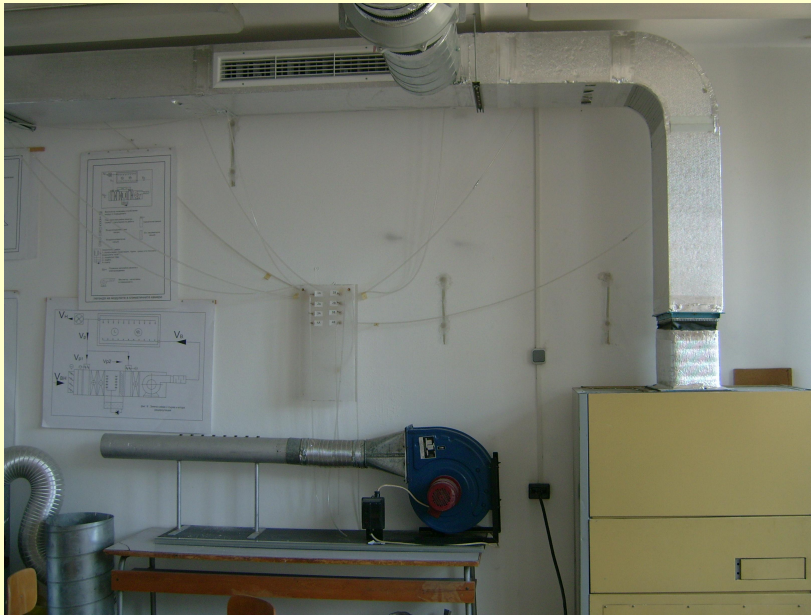
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“Heat Engineering”

Course



Course graduates can:

*Create power-effective design
and assess power
effectiveness of heating
equipment, heat
installations, buildings and
industrial systems;*



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“Heat Engineering”

Course



Course graduates:

Have fundamental knowledge and practical experience in energy-efficient performance and evaluation of energy efficiency of all groups of heat-facilities, installations, buildings and industrial systems.



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Course graduates can:

*Work as teachers in
secondary schools.*



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“Industrial Engineering” (The course is in English)

Course

The aim of the training in this course is to prepare engineers who are qualified to perform organizational, managerial, production and exploratory and development activities in a wide range of industrial, manufacturing and service systems.





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“Industrial Engineering” (The course is in English)

Course

The industrial engineer is prepared for professional career as:

Consultant in researching departments, investment and industrial marketing in financial, investment, insurance and other institutions;





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“Industrial Engineering” (The course is in English)

Course

The industrial engineer is prepared for professional career as:

Sales representative, distributor and advertising agent of Bulgarian and international companies, associations, companies, corporations and foundations, whose activity is connected with the objects of the specialty;





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Students campus

The Faculty provides social welfare program: students' hostel and canteen close to the main building.





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“Automobile manufactured in Bulgaria”

The project **“Automobile manufactured in Bulgaria”** was implemented in a specially prepared design studio in Technical University Sofia, Faculty of Engineering and Pedagogy in Sliven.





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Students – free time and sport





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Students – free time and sport





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Students – Programme Socrates-Erasmus and other EU Programmes





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Scientific Conference with International Participants





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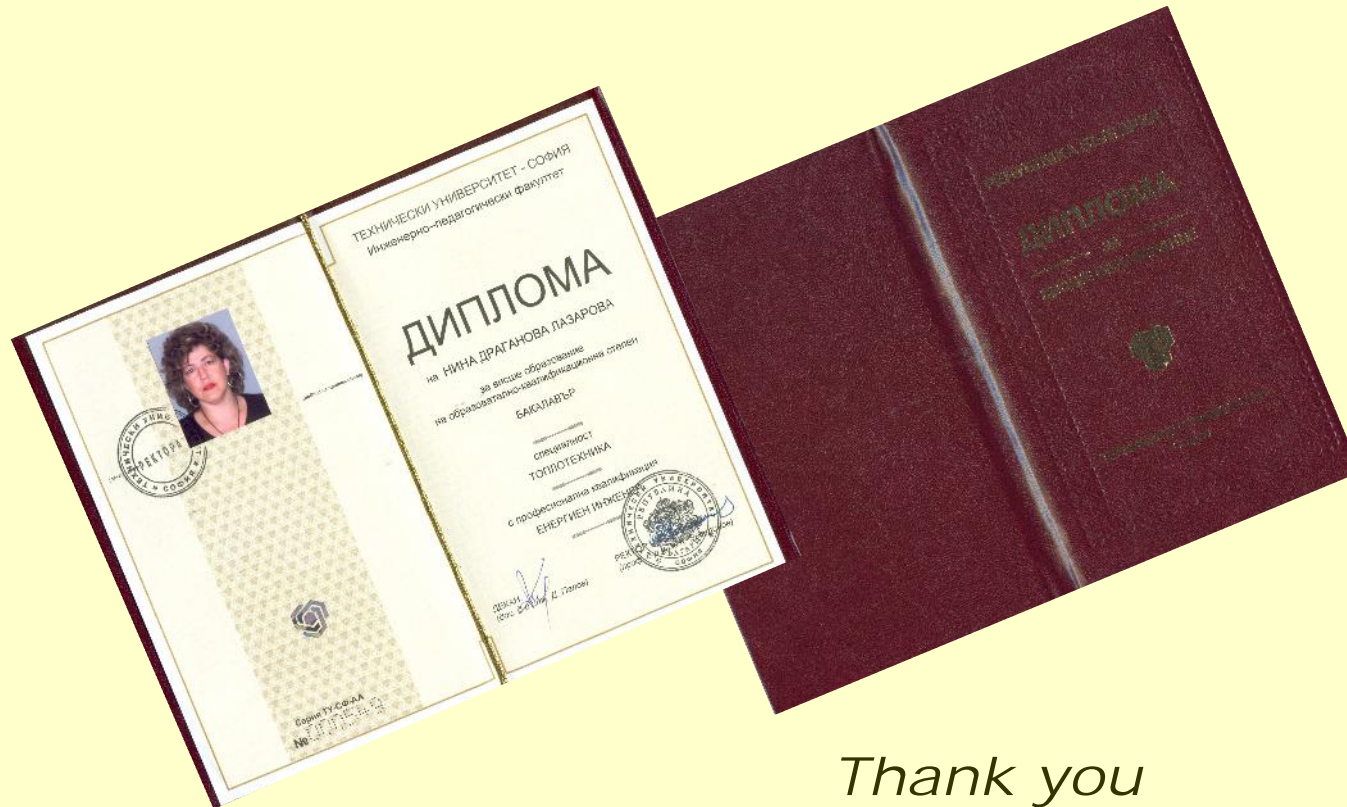
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*Thank you
for your attention!*