

Department „Mechanical Engineering and Energetics"

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Department „Mechanical Engineering and Energetics", provides training of students of the specialties "Motor transport and agricultural machinery" and "Textile Machinery and Technologies" from professional field of "Mechanical Engineering". Academic staff of the department has 19 teachers, of which 10 professors and 9 assistant professors.

The main areas on which work in the department are:

1. Optimal management of agricultural tractor units;
2. Fuel economy of agricultural tractors;
3. Alternative fuels and oils;
4. Machinery for cultivation, sowing and harvesting;
5. Maintenance, diagnosis and repair of agricultural machinery;
6. Fashion and clothing design;

7. Design apparel CAD systems;

8. Design and technology of clothing.

The Department supports business and creative contacts with similar institutes and companies at home and abroad.

With the existing facilities, information insurance on courses and its staff potential, the Department „MECHANICAL ENGINEERING AND ENERGETICS" meet the modern requirements and conduct study on high level.

Head of Department „Mechanical Engineering and Energetics"

Assoc.Prof.PhD Ilia Ginkov

Phone: +35946669181; e-mail: ilginkov[at]mail.bg

Department coordinator: Irina Georgieva

Teaching staff:

Assoc.Prof.PhD Krasimira Georgieva – Dean
Publications

room 233

[CV](#)

e-mail: [krgeorgieva\[at\]ftt.uni-sz.bg](mailto:krgeorgieva@ftt.uni-sz.bg)

Area of scientific interests: Applied Geometry and Engineering Graphics, Engines, Agricultural
and irrigation
machines,
Automated
Information Processing and
Management (in
sectors)
;
Podplastova
drilling
, construction and
experimentation
combined
agricultural machinery
,
automation
systems
for diagnosing
diseases
vineyards
, Fermentation
processes,
systems with
variable

structure
modeling
and management

Assoc.Prof.PhD Ilia Ginkov Iliev
ons

room 128

CV

Publicati

e-mail: ilginkov[at]mail.bg

Area of scientific interests: internal combustion engines, tractors, cars, fuel economy

Prof.PhD Georgi Asenov Tasev
Publications

room 227

CV

Area of scientific interests: Research and statistical analysis

Assoc.Prof.PhD Galia Dolapchieva

room 319

[CV](#)

Publications

e-mail: gdolapchieva[at]abv.bg

Area of scientific interests: Design and manufacture of clothing. Design of production lines

Assoc.Prof.PhD Stancho Stanchev
ons

room 238

CV

Publicati

e-mail: stan4ev_49[at]abv.bg

Area of scientific interests: Transport equipment and technical expertise

Assoc.Prof.PhD Zlatinka Kazlacheva
Publications

room 110

CV

e-mail: z_kazlacheva[at]abv.bg

Area of scientific interests: Fashion design, construction and modeling clothing - improved design methodologies and CAD design

Assoc.Prof.PhD Mitko Stoianov
Publications

room 126 CV

e-mail: mitko_1166[at]mail.bg

Area of scientific interests: Internal Combustion Engines, Car operational materials, repair and diagnostics of cars

Assoc.Prof.PhD Neli Georgieva
Publications

room 227 [CV](#)

e-mail: ngeorgieva[at]tk.uni-sz.bg

Area of scientific interests: Combined treatment of hydraulic openings, Manufacturing Technology

Assoc.Prof.PhD Ivan Lazarov
Publications

room 315 CV

e-mail: isl51[at]abv.bg

Area of scientific interests:

"Technical Safety", "Risk assessment for safety and health", • "Mechanical and Precision Engineering repair of machinery", "Maintenance and

;

"
Heat and
gas

", "Industrial
Ventilation"

;

"
Automation of
technological processes

"

"entrepreneurship and Management

"

;

"
Mechatronics

"

Assoc.Prof.PhD Rashko Ivanov

room 227 CV

Publications

Area of scientific interests: Heating and ventilation in livestock, saving energy in agriculture

Assist.Prof. Diana Balabanova
Publications

room 110 CV

e-mail: [dir_balabanova\[at\]abv.bg](mailto:dir_balabanova@abv.bg)

Area of scientific interests: Investigation of mechanisms to move the needle of the sewing machine, wing machinery, knitting, designing and modeling clothing

Assist.Prof. Georgi Georgiev
Publications

room 130 CV

e-mail: [hettrik\[at\]mail.bg](mailto:hettrik@mail.bg)

Area of scientific interests: Traffic Safety

Assist.Prof. Petar Kazakov
Publications

room 125 CV

e-mail: peter_yb[at]abv.bg

Area of scientific interests: Internal Combustion Engines, Fuels and oils

Assist.Prof. Katia Byuzyukeva
Publications

room 319 CV

e-mail: katia_bu[at]abv.bg

Area of scientific interests: Technology of clothing

Assist.Prof. Stati Naidenov
Publications

room 419 CV

Area of scientific interests: technical Safety

Assist.Prof. Petar Michalev

CV Publications

e-mail: [pe6entseto\[at\]abv.bg](mailto:pe6entseto[at]abv.bg)

Area of scientific interests: Machinery for tillage, sowing and harvesting, diagnostics and maintenance of machines

Assist.Prof. Krasimir Georgiev
Publications

room 128 CV

e-mail: [krasimir_georgiev_2\[at\]abv.bg](mailto:krasimir_georgiev_2[at]abv.bg)

Area of scientific interests: technical sciences, traffic safety, traffic organization

Assist.Prof. Tanya Dimitrova
Publications

room 227 CV

e-mail: tanyadimitr[at]abv.bg

Area of scientific interests: Modeling and analysis of combustion processes

Assist.Prof. Ivan Binev

room 227 CV Publications

e-mail: ibbinev[at]abv.bg

Area of scientific interests: Heat and gas

Assist.Prof. Julieta Ilieva

room 110

CV

Publications

e-mail: j.g.ilieva[at]gmail.com

Area of scientific interests: Modeling and design of clothing

Assist.Prof. Georgi Kolev Georgiev
Publications

room

[CV](#)

e-mail:

Area of scientific interests:

Assist.Prof. Nevena Ivanova

room

[CV](#)

Publications

e-mail:

Area of scientific interests:
