



Date: 27-28.01.2020.

Place: Skopje

Knowledge **FO**r Resilient so**CI**Ety

Report on Equipment Utilization

Faculty of technical sciences UNS



Co-funded by the
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Smart board and computers

- *In order to continuously improve the quality of studies, smart board was introduced to the teaching process within Master Programme in DRM&FSE,*
- *The equipment was installed in the classroom LG005 in the building of Department of Civil Engineering and Geodesy*



Smart board and computers

Smart board and computers are being utilized within following courses:

- *Planning and organizing activities during events with catastrophic consequences*
- *Protection and Rescue Plans*
- *Integrated Natural Disaster Risk Management*
- *Risk Analysis in the Decision-Making Process*
- *Evacuation Calculation and Modeling*



TG/DSC

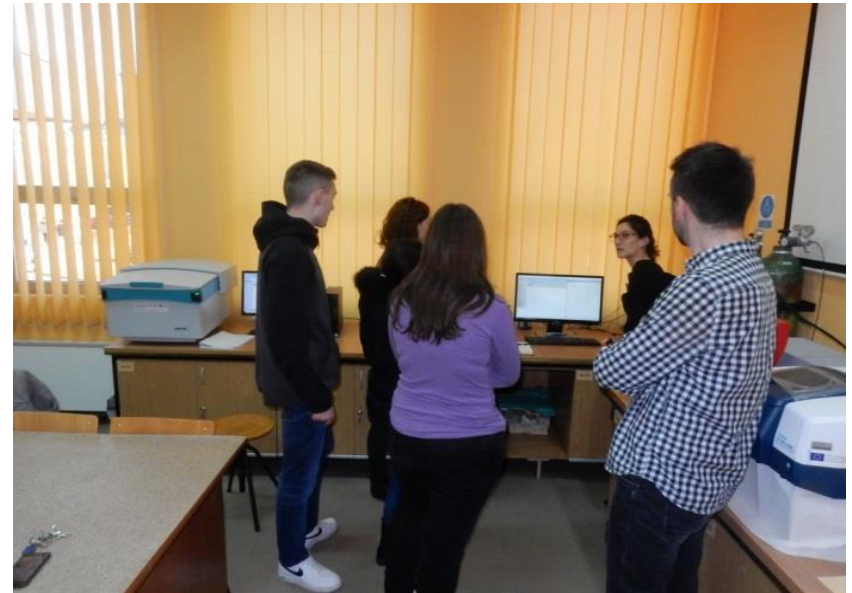
- TA (thermal analysis, TG/DTA or TG/DSC) enables qualitative and quantitative information about the effects of various heat treatments on mainly solid materials. Application areas usually include plastics, elastomers, thermosets, mineral compounds and ceramics.



TG/DSC

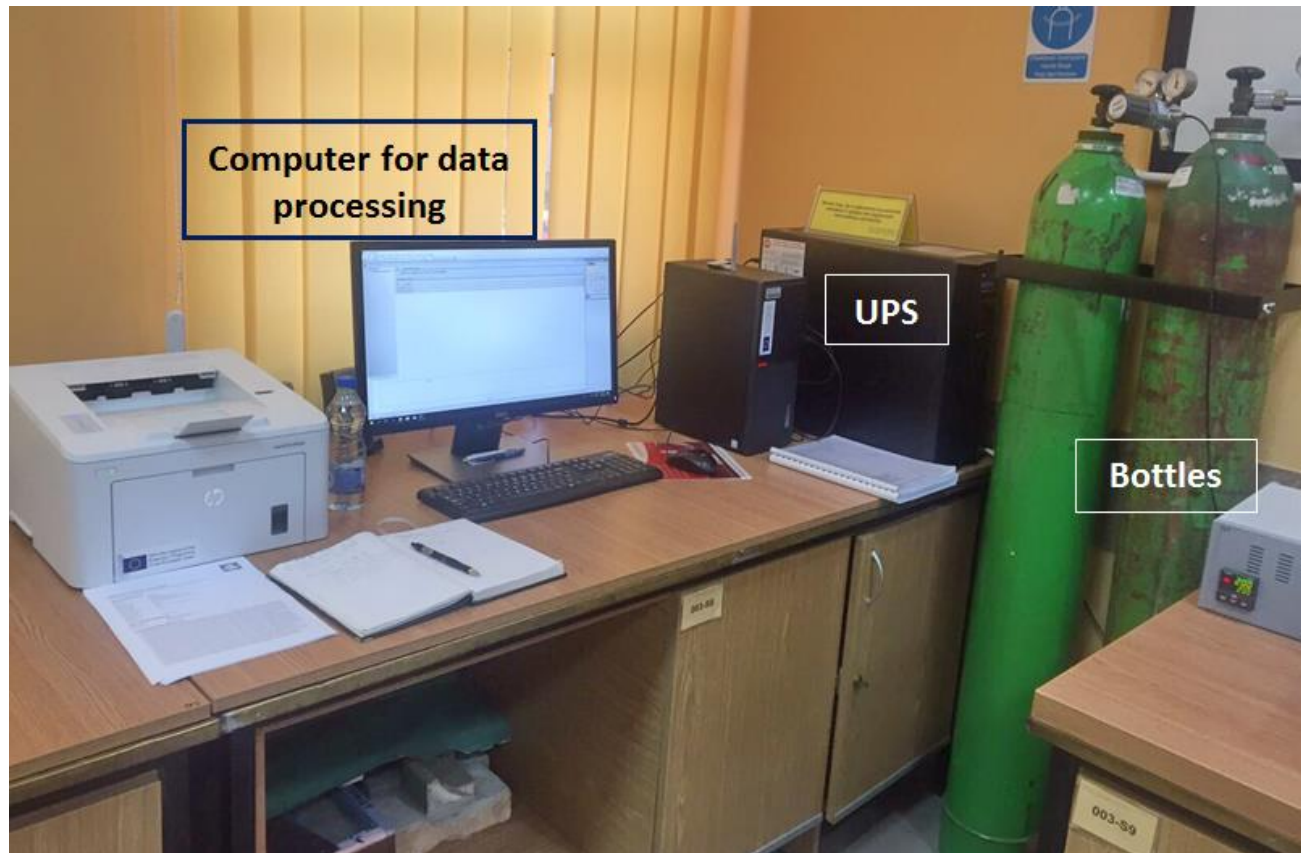
The equipment is used within teaching process on following courses of PhD studies:

- *Fire Safety of Building Structures*
- *Selected chapters in durability of concrete and masonry structures*



TG/DSC

- Computer for data processing, bottles, bottle filling (with air or N_2) as well as UPS are provided by co-financing.



Camera



- All video materials (laboratory movies, webinars, etc.) were prepared with camera Canon XC10, purchased with the resources of the project.



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Drone

- *The drone is purchased with the resources of the project. The software was purchased as part of the equipment.*



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Drone

The drone is used within following courses of PhD studies:

- *Energy efficiency in buildings and climate change*
- *Selected chapters in durability of concrete and masonry structures*

Dron flight



PhD EDUCATIONAL LAB

- *PhD educational lab is equipped with resources of the project*
- *All the purchased equipment is the property of University of Novi Sad, Faculty of technical sciences.*
- *Equipment maintenance and eventual repair are provided by Faculty of technical sciences.*





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Thank you
for your attention
Contact info about the presenter:

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