

“Mother Teresa” University



# Book of Abstracts

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# SESSION I

## Economic development and policy

- 1) Regional economic cooperation
- 2) Energy and energy development
- 3) Industrial Management
- 4) Agriculture
- 5) Tourism
- 6) Services and trade
- 7) Food-production, safety and security
- 8) Demography
- 9) Employment and Unemployment
- 10) Governmental economic policies

# SESSION II

## Ecology and spatial planning

- 1) Regional aspects of environmental protection
- 2) Environmental pollution
- 3) Waste management
- 4) Environment and human health
- 5) Bio products
- 6) Water
- 7) Natural parks
- 8) Spatial planning etc.

# SESSION III

## Education and Science

- 1) Human capital and sustainable development
- 2) Pre-university education
- 3) Education, research and innovation
- 4) Regional co-operation in education
- 5) Brain Drain
- 6) Social engineering and its impact on international sustainable/unsustainable development
- 7) EU's approach towards regional sustainable development
- 8) Media in support to sustainable development
- 9) European integrations and mobility

## Using Excel to predict and compare the grade in Mathematics by simplelinear regression model

Zoran Trifunov

Teuta Jusufi Zenku

Elena Karamazova

### Abstract

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In this paper was used simple linear regression model to predict and compare the final grade of the students in subject of Mathematics from department of Technical Sciences. Data's were collected from students of two Universities:University "Mother Teresa" in Skopje and University "Goce Delcev" – Stip. The model was based on the data of students' scores in three tests: 1st periodical exam, 2nd periodical exam and final examination. This analyze was carried out by simple linear regression model. For obtaining our results was used Excel. In this paper also have been given the graphical representations of ours analysis and in the end have been given some conclusions based on the results.

**Keywords:** Simple linear regression, multiple linear regression, Excel, graphs.



# SESSION IV

## Information and Communication Technologies

- 1) ICT Education for Sustainable Development
- 2) ICT skills and employability
- 3) Building up ICT capacities and networking
- 4) IT and Diaspora education
- 5) Use of ICT capabilities in Enhancing Education
- 6) Challenges in ICT and regional collaboration opportunities