VITALISING ICT RELEVANCE IN AGRICULTURAL LEARNING

Agromediterranean faculty „Džemal Bijedić" University of Mostar

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V I R A L

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„Džemal Bijedić" University of Mostar

- **Agro-Mediterranean Faculty**
- Faculty of Civil Engineering
- Faculty of Economy
- **Faculty of Information Technologies**
- Faculty of Mechanical Engineering
- Faculty of Law
- Faculty of Education
- Faculty of Humanities

University study programmes:
- Business informatics
- Health care
- Design
- Tourism
- Polytechnics

VIRAL

Agromediterranean faculty

Established in 1997.

I cycle study programmes:
- fruit - viticulture,
- vegetable - flower growing
- ecology and environment management in agriculture
- horticultural engineering – from 2020/21

II cycle study programmes:
- fruit - viticulture,
- vegetable - flower growing,
- ecology and environment management in agriculture,
- urban agriculture.

III cycle study programmes

VIRAL

IT as a part of study programme

Being aware of a need for information technologies to be included into study programmes, we have developed the following modules:

- Precise agriculture and smart food production (obligatory in UA)
- Programming in agriculture (elective in UA)
- Robotics in agricultural mechanization (obligatory in HI)
- Precise floral technologies (obligatory in HI)
- Horticultural automatics (obligatory in HI)
- Automatics and robotics in agriculture (elective in HI)

VIRAL

Scientific research is performed at the Institute for agriculture (consisting part of the Faculty) with well equipped labs and in greenhouses:
- Soil analyses
- Meristem culture
- Determination of honey quality
- Elisa testing
• two greenhouses (2x150 m2)

Partners with INTERA in two projects connected with use of IT in agriculture:
AgroTECH – advisory roles
CityOS Challenge – advisory roles

Thank you !

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