



Dissemination Report

Period from

January 1st, 2022-December 31st, 2022

January, 2023



Project acronym:	TeComp
Project full title:	Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences
Project No:	598434-EPP-1-2018-1-RS-EPPKA2-CBHE-JP
Number of grant contracts	2018-2467/001-001
Web address of project	www.tecomp.ni.ac.rs
Funding Scheme:	Erasmus+
Coordinator Institution:	University of Nis
Coordinator:	Prof. dr Jelena Ignjatović
Project duration:	15.11.2018. – 14.11.2022
Work package:	WP5 – Quality assurance and monitoring
Lead organization of WP6:	University of Korce
Activity 6.3 Annual joint report disseminated	
Version of the document:	second
Status:	Final
Dissemination level:	Institutional, Internal



Introduction

The dissemination report is organized in relation to the tasks foreseen by the logical frame matrix, i.e., Creating the project website, Printing and distributing promotional material, Disseminating reports on the project achievements, Organizing popularization lectures, Developing a Rulebook on CPD of teaching staff, Developing Strategy for the support and ongoing improvement of the quality of T&L and Developing a unified questionnaire.

Disseminations

The scientific conference by University of Oviedo (January 2022)

“The result of the project were presented by the University of Oviedo at four scientific conference. Rodríguez-Muñiz, L.J., Muñiz-Rodríguez, L., Aguilar-González, Á., Alonso Castaño, M., Lombardero Ozores, A., y Lorenzo Fernández, E. (2022). Uso y elaboración de vídeos educativos para la enseñanza online. [Use and development of educational videos for online teaching]. XIV International Conference on Teaching Innovation: Advances and challenges for educational transformation.”

Module 1. Recording, editing and blending educational videos: OBS, OpenShot Editor and EdPuzzle

Module 1A. Recording and editing quality videoclips

Luis J. Rodríguez-Muñiz (luisj@uniovi.es)

Recording educational video clips is becoming a more useful tool within tertiary education. Video clips can be used as an external support for face-to-face lessons but also for organizing a flipped classroom. Recording is not so difficult, but some guidelines about how to record and edit clips are necessary in order to produce quality videos. There exist different software for this purpose, both with license and license-free.

Objectives

The goal of this module is to present some guidelines about quality standards in educational videos, and to introduce OBS, a free software to record videos.

Contents

- General guidelines about quality videos
- Specific guidelines about educational videos
- How to record videos with OBS: combining layers, presentations, voice, image, etc.
- How to edit videos with OpenShot Editor: reducing, enlarging quality, removing fragments, adding effects, etc.

Free online course - Teaching and academic writing in English

“Free course - Teaching and academic writing in English, is realized for teachers and associates of the Faculty of Sciences, within the regular activities of the Erasmus+ project TeComp - Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences. The last two sessions were held live and were intended to defend homework.”



BESPLATAN ONLINE KURS ENGLESKOG JEZIKA

Kome je kurs namenjen?

Usavršavanju nastavnika kompetencija **nastavnika i saradnika prirodnih nauka i matematike**.

Kako je kurs koncipiran?

Kurs će se sastojati iz **šest sesija**. Svaka sesija će biti u trajanju **od tri školska časa** (po 45 minuta)

Koji su termini održavanja kursa?

Sesije će biti održavane u terminu **od 18:00h do 20:30h** datumima:

- 4. mart 2022. god.
- 9. mart 2022. god.
- 11. mart 2022. god.
- 15. mart 2022. god.
- 18. mart 2022. god.
- 23. mart 2022. god.

Ko su predavači na kursu?

Predavači na kursu biće sa Filozofskog fakulteta u Nišu:

- **Biljana Mišić Ilić**, redovni profesor
- **Jasmina Đorđević**, vanredni profesor
- **Nikola Tatar**, nastavnik stranog jezika

Kako se prijaviti?

Svi zainteresovani, mogu se prijaviti na mail: **tecomp.p2018@gmail.com**

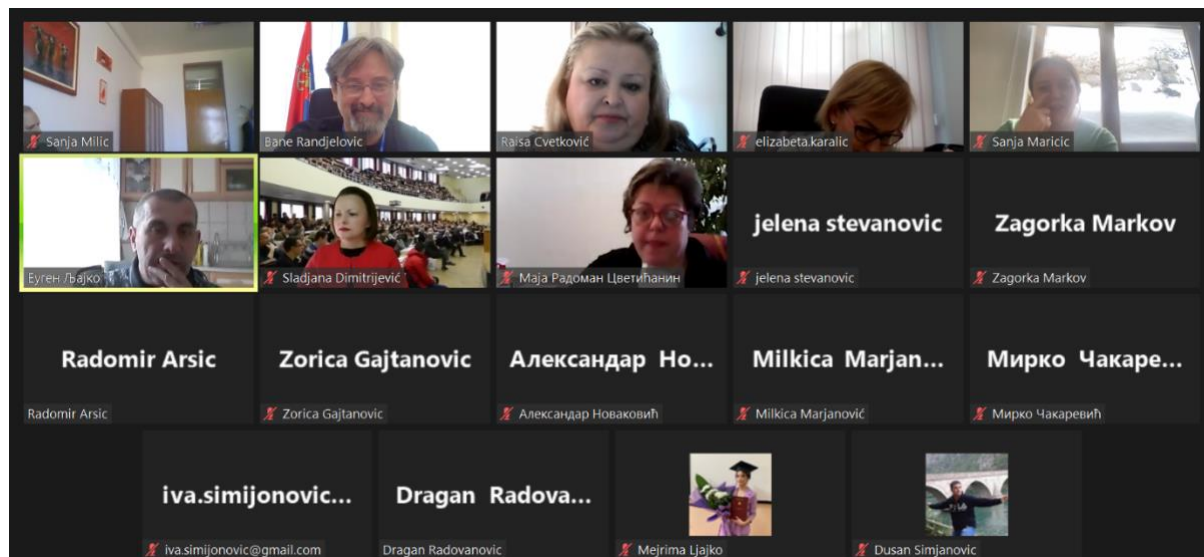
Za prijavu na kurs nije potrebno polagati nikakav ulazni test.

I još?


Nakon 6 online sesija, biće organizovane i dve sesije posvećene **mikronastavi i pisanju sažetka**. Ove sesije će biti organizovane uživo u: Nišu, Kragujevcu, Novom Sadu i Beogradu.

TeComp reaches science conference Leposavic (march 2022)


Our member, Slađana Dimitrijević, participated in an online science conference held by the University of Leposavić about the impact of COVID-19 on education, and digital and online classes.



You are viewing Slađana Dimitrijević's screen View Options



Промене у настави у високом образовању?



Лепосавић, Србија, 4. март 2022. године

Slađana Dimitrijević

Bane Randjelović

Sanja Milic

Sanja Milic

Raisa Cvetković

Ana Tošković

Announcement of Ostrava and Oviedo training in Nis (March 2022)

“Information published on the website of the Faculty of Science and Mathematics in Niš, about Training in the use of modern technologies in teaching”

The training on the use of modern technologies in teaching was realized for teachers and associates of the Faculty of Sciences, within the regular activities of the Erasmus+ project TeComp - Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences. The training will be held by professors from Oviedo, Spain and Ostrava, Czech Republic, live in Nis in the period from 28.3. to 1.4. 2022.

Here are the links to short videos presented to professors from Spain:

<https://youtu.be/zW0mQrrTark>

https://youtu.be/mtRBs_vqvRM

https://youtu.be/o_yoPRb89nM


Two lectures were given to students of the Department of Computer Science:

Machine learning and applications – Susana Irene Diaz Rodriguez

Algebras for Fuzzy Logic – Irina Perfilieva .

(018)533-015, 226-310 | pmfinfo@pmf.ni.ac.rs

Teachers portal Student portal E-services Links Contact Lat



UNIVERZITET U NIŠU
PRIRODNO-MATEMATIČKI
FAKULTET

FACULTY STUDIES FOR PROSPECTIVE STUDENTS SCIENCE NEWS

News

24.03.2022

TeComp training agenda

Training on the use of modern technologies in teaching will be carried out for teachers and associates of the Faculty of Science, as part of the regular activities of the Erasmus+ project TeComp - Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences. The training will be held by professors from Oviedo, Spain and Ostrava, Czech Republic, live in Niš in the period from March 28. until 1.4. 2022. All those interested should contact prof. Jelena Ignjatović. The training agenda is attached, and the lectures will be held in the University of Niš building (room 8), except on Tuesday, when they will be held in the Faculty's amphitheater.

Here are links to short videos introducing professors from Spain:

<https://youtu.be/zW0mQrrTark>

https://youtu.be/mtRBs_vqvRM

https://youtu.be/o_yoPRb89nM

On Tuesday, two lectures will be held for the students of the Computer Science Department:

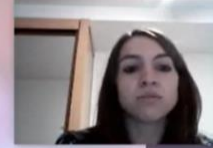
Machine learning and applications - Susana Irene Diaz Rodriguez

Algebras for Fuzzy Logic - Irina Perfilieva

AGENDA-TRAINING IN NIS

Why is **audiovisual content** so important?

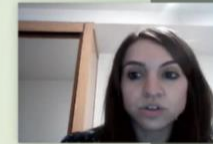
- is becoming a **powerful tool** in the teaching and learning process.
- can be used not only as an external support in **face-to-face teaching** but also for organizing an **online or blended learning** setting.
- helps to keep **students' attention** and to **understand some disciplinary contents**.



0:38 / 4:07

Objectives

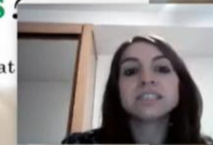
- **Identifying** which audiovisual element (image, audio, video...) is the most appropriate on each occasion.
- **Searching, designing and editing** each type of audiovisual content with the most **convenient** software.



2:47 / 4:07

How does this apply to **teachers**?

- They must be able to **search and design audiovisual content** that support their teaching and assist students' learning.
- The **quality** of the audiovisual content also influences the learning process.
- Some **guidelines** about where to **search and select** (in case they already exist) or how to **design and edit** audiovisual content are necessary.
- Different **software** can be used for this purpose.



1:44 / 4:07

International conference FSTA(April 2022)

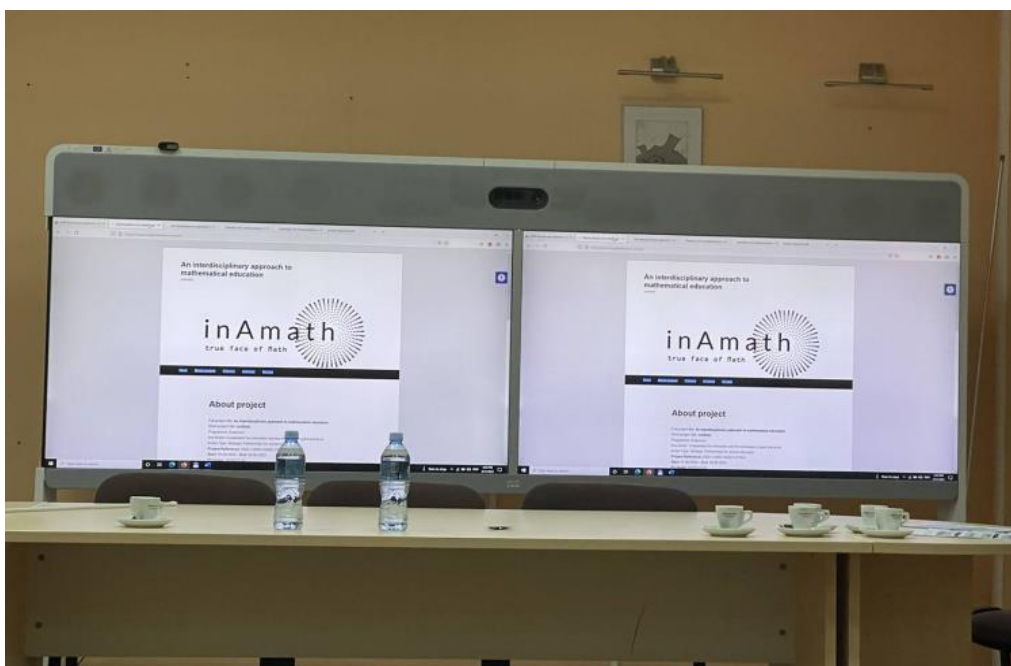
“Few lectures at the international conference FSTA 2022 in Liptovský Ján on 31st January 2022 and 1st April 2022 have been organised, where modern approaches and IT technologies related to the TeComp have been disseminated: Petra Murinová – Distribution, Quality and Quantity rules for logical syllogisms and Irina Perfilieva – Graph functions similarity determined by preimage problem”



Inter-project coaching, In a Math (April 2022)

“ Ivana Stajner-Papuga presented InAmath project at University of Ni. The representatives from both projects presented to participants of the event their achievements, good practice were exchanged and problems shared.”

http://www.tecomp.ni.ac.rs/download/Interproject_coaching-InAmath-TeComp-Nis.docx.pdf





**Strengthening Teaching Competences
in Higher Education
in Natural and Mathematical Sciences**

Co-funded by the
Erasmus+ Programme
of the European Union



University of Kragujevac local training (April 2022)

<https://drive.google.com/file/d/1Nbm0cUFwLWT-kfgljitYf4GBIQzWiYq1/view>



The Belle Amie TV interview (April 2022)

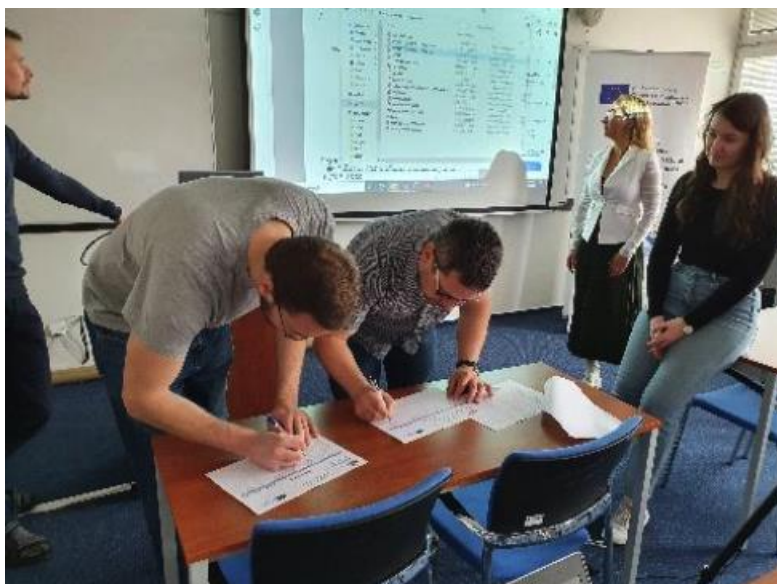
“Dr Jelena Ignjatović from The faculty of Mathematics and Natural Sciences, coordinator of the TeComp project, and Dr Slađana Dimitrijević from The Faculty of Science in Kragujevac were interviewed about TeComp and the importance of quality of education.”

https://drive.google.com/file/d/1VQBw_dFrcCA13NWu893FgN0XxVD71baK/view




The University of Ostrava organizes workshops within the ERASMUS+ project (April 2022)

“On April 21, 2022, two workshops Workshop on innovative teaching and learning methodologies and Workshop on pedagogical approaches will be held in room C610 in building C of the University of Ostrava from 9:30 a.m. as part of the ERASMUS+ Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences project.”




General trade fair Albania-Greece (April 2022)

“The Career and Alumni Counseling Office at UGJ presented a summary of the scientific works, activities of the institution and academic offer.”



Universiteti "Eqrem Çabej" Gjirokastrë - Faqja Zyrtare


April 29, 2022 · 🌐



UGJ është bërë pjesë e Panairit të Përgjithshëm Tregëtar Shqipëri - Greqi.
Zyra e Këshillimit të Karrierës dhe Alumnit në UGJ është bërë pjesë e këtij bashkëpunimi me Dhomën e Tregëtisë Gjirokastrë.
Përfaqësues të Zyrës dhe studentë të UGJ-së kanë prezantuar në panairin e përbashkët shqiptaro - grek një përmbledhje të punimeve shkencore, aktiviteteve të institucionit dhe ofertën tonë akademike.

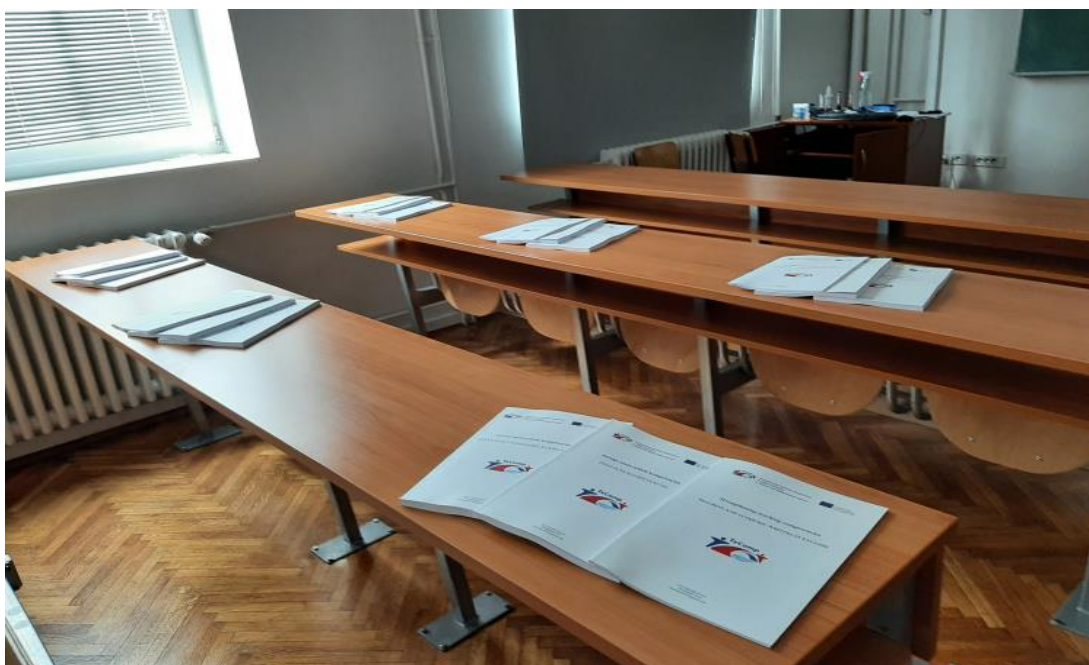
UGJ has become part of the Albania - Greece General Merchant Fair.
The Office of Career and Alumni Counseling at UGJ has become part of this cooperation with the Gjirokastra Chamber of Commerce.
Office representatives and UGJ students have presented at the joint Albanian-Greek fair a summary of scientific work, institution activities and our academic offer.

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Exhibition of teaching and promotional material at all Universities in Serbia (April 2022)

“At all Universities in Serbia, promo material printed for the needs of the TeComp project was distributed, namely brochures, planners, umbrellas, backpacks. Four copies of each item are stored in the archives of the University of Niš..”





Europe Week at ECUG (May 2022)

“Europe Week organized in Vlora on 6th May 2022. ECUG participated with a stand, disseminating projects cofounded by Erasmus+, among which TECOMP project.”





Universiteti "Eqrem Çabej" Gjirokastrë - Faqja Zyrtare

May 6, 2022 · 🌐

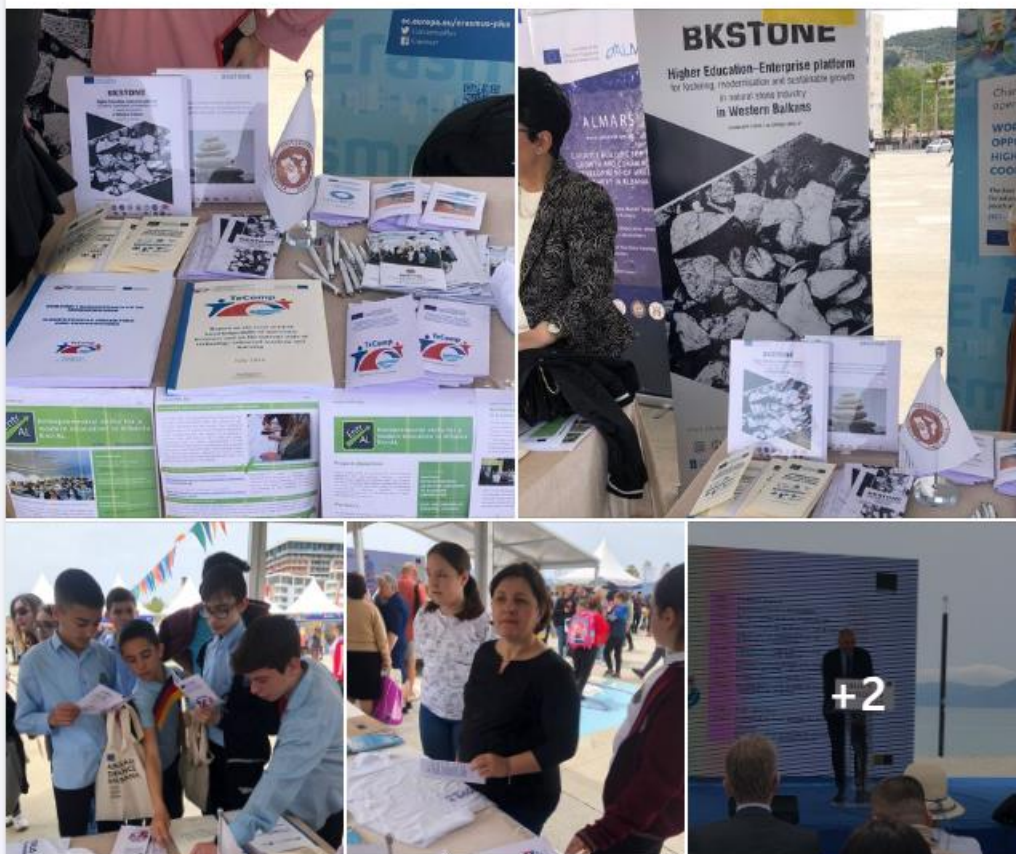
UGJ është bërë pjesë e festimeve për Javën e Evropës në Vlorë.

Në stendën e Erasmus+, Universiteti i Gjirokastrës prezantoi projektet ongoing dhe produktet e projekteve të përfunduara të bashkëfinancuara nga BE dhe Erasmus+ .

Stenda u vizitua nga pjesëmarrësit, të cilët treguan interes për bashkëpunime në të ardhmen.

[#javaeeuropes](#) [#ErasmusPlus](#) [#UGJ](#)

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👍 44

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Presentation of TECOMP and other projects to the delegation headed by Ambassador Luigi Sorec (May 2022)

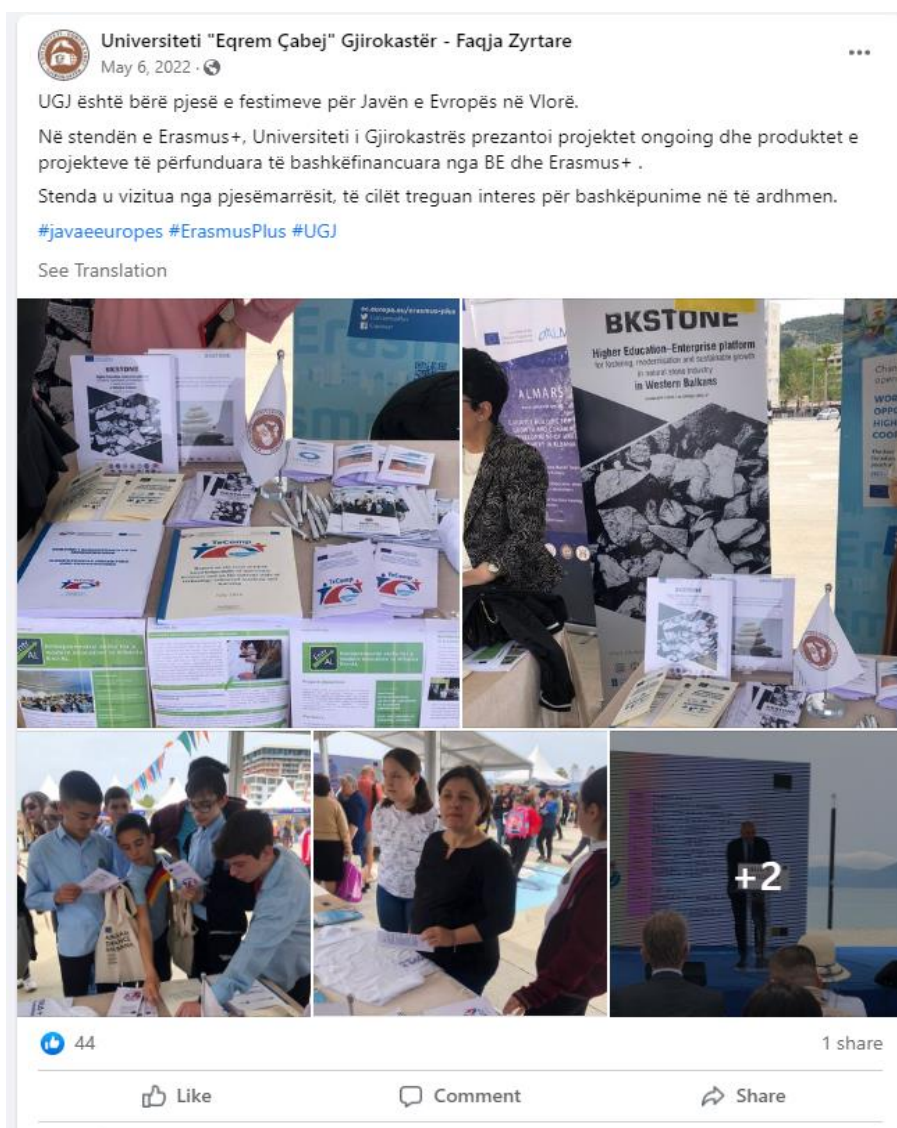
“The University of Gjirokastra has been one of the most important stations where EU Ambassador Luigi Soreca, accompanied by the Austrian Ambassador, stopped during his visit to Gjirokastra, within the framework of activities organized for Weeks of Europe.

Ambassador Soreca was welcomed by the rector of UGJ prof. Dr. Bektash Mema and vice principal prof. associate. Valbona Duri.

In his welcome speech, Rector Mema gave a panorama of the positive results this institution has had thanks to the implementation of EU projects - and the cooperation over the years of the University of Gjirokastra with European universities.

EU projects have been part of the University of Gjirokastra for many years, bringing positive changes to our institution. The Erasmus Projects, which I would describe as the Erasmus era, are an excellent project that has served students and educators in their professional growth.

“





An interview, for a local channel, of the Vice/Rector, Prof. Jaho Canaj on the projects of ECUG (June 2022)

<https://www.youtube.com/watch?v=7rtySNjoou8>



TECOMP PROJECT AT THE UNIVERSITY OF GJIROKASTRA (June 2022)

“TECOMP meeting organized at the premises of "Eqrem Cabej" University during 13-17 June 2022.

Within the framework of the TECOMP Project, the next meeting with the participation of national and international partners from Korca, Serbia, Slovakia, Spain, Belgium was organized at the premises of Eqrem Cabej University during the period 13-17 June.

The project aims to develop teaching skills in natural sciences and mathematics through designing training modules for academic staff.

Also within the project, the KeyLearning platform has been created, which will enable students to benefit from the facilities offered by online learning.

At the meeting, the partners discussed the work done so far and the tasks to be accomplished until the completion of the project.”





Universiteti "Eqrem Çabej" Gjirokastrë - Faqja Zyrtare

June 20, 2022 · 🌐

Në kuadër të Projektit TECOMP, u organizua në ambientet e Universitetit "Eqrem Çabej" gjatë periudhës 13 -17 qershor, takimi i radhës me pjesëmarrjen e partnerëve kombëtarë e ndërkombëtarë nga Korça, Serbia, Sllovakia, Spanja, Belgjika.

Projekti synon të zhvillojë aftësitë e mësimdhënies në shkencat natyrore dhe matematikore përmes hartimit të moduleve të trajnimit për stafin akademik.

Gjithashtu në kuadër të projektit është krijuar platforma KeyLearning e cila do t'u mundësojë studentëve të përfitojnë nga lehtësitë që ofron mësimi online.

Në takim partnerët diskutuan për punën e bërë deri tani dhe detyrat që duhet të përmbushen deri në përfundim të projektit.

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Strengthening Teaching Competences
in Higher Education
in Natural and Mathematical Sciences

Co-funded by the
Erasmus+ Programme
of the European Union



universiteti_i_gjirokastrës • Follow ...



universiteti_i_gjirokastrës Në kuadër të Projektit TECOMP, u organizua në ambientet e Universitetit "Eqrem Cabej" gjatë periudhës 13 -17 qershor, takimi i radhës me pjesëmarrjen e partnerëve kombëtarë e ndërkombëtarë nga Korça, Serbia, Sllovakia, Spanja, Belgjika.

Projekti synon të zhvillojë aftësitë e mësimit në shkencat natyrore



52 likes

JUNE 20, 2022



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Post



7 presentations about the results of the project by University of Oviedo (March to September 2022)

- “1. Presentation addressed to teachers in the Faculty of Teacher Training and Education, University of Oviedo. March 15, 2022. 23 participants
2. Presentation addressed to teachers in the Faculty of Teacher Training and Education, University of Oviedo. March 16, 2022. 14 participants.
3. Presentation addressed to teachers in the Faculty of Sciences, University of Oviedo. April 15, 2022, 12 participants.
4. Presentation addressed to teachers in the School of Computer Science, University of Oviedo. April 18, 2022. 7 participants.
5. Presentation addressed to students in the Faculty of Teacher Training and Education, University of Oviedo. September 14, 2022. 45 participants.
6. Presentation addressed to students in the Faculty of Sciences, University of Oviedo. September 19, 2022. 21 participants.
7. Presentation addressed to teachers in the School of Computer Science, University of Oviedo. September 20, 2022. 13 participants.”



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UNIVERSIDAD DE OVIEDO
 Universidad de Oviedo
University of Oviedo




**VÍDEOS EDUCATIVOS
COMO INSTRUMENTO
PARA DESARROLLAR EL
CONOCIMIENTO
ESPECIALIZADO DEL
PROFESORADO DE
MATEMÁTICAS**

*I Congreso Internacional de
Transformación Digital
en Entornos de Aprendizaje
Mayo, 2021*

 UNIVERSITAT
POLITECNICA
DE VALÈNCIA

IN-RED 2021
13, 14 y 15 Julio • Valencia

**VII CONGRESO DE INNOVACIÓN
EDUCATIVA Y DOCENCIA EN RED**

Mejora de la motivación hacia la didáctica de la matemática y desarrollo de la
competencia docente de los estudiantes para maestro a partir de una experiencia de
m-learning

LAURA MUÑIZ-RODRÍGUEZ, ESTHER LORENZO-FERNÁNDEZ, ÁLVARO AGUILAR GONZÁLEZ

Universidad de Oviedo



Luis J. Rodríguez Muñiz
Laura Muñiz Rodríguez, Álvaro Aguilar
González, Marlén Alonso Castaño,
Antón Lombardero Ozores y Esther
Lorenzo Fernández

**Uso y elaboración de
vídeos educativos
para enseñanza
online**

 Universidad de Oviedo

 @lrguezmuniz





Signed inter-institutional agreement, University of Oviedo and University of Novi Sad (September 2022)

“Another TeComp dissemination, but also sustainability activity was signed Inter-institutional agreement 2021-2023 between the University of Novi Sad and University of Oviedo regarding the exchange of students and/or staff in the context of the Erasmus+ programme”

Erasmus+ Programme Inter-institutional agreement 2021-2023

The institutions named below agree to cooperate for the exchange of students and/or staff in the context of the Erasmus+ programme. They commit to respect the quality requirements of the Erasmus Charter for Higher Education in all aspects related to the organisation and management of the mobility, in particular the recognition of the credits awarded to students by the partner institution.

A. Information about higher education institutions

Name of the institution	Erasmus code	Contact details	Website
University of Oviedo	E OVIED001	Prof. Jorge Jiménez Meana Email: mej@uniovi.es Phone: +34985142474, +34573474657 Departamento de Matemáticas Oficina 2.10.7, Edificio Polivalente de Viesques, C/ Luis Ortiz Berrocal s/n Campus de Gijón, 33203 Gijón, SPAIN	http://www.uniovi.es/internacional/extranjeros
University of Novi Sad Faculty of Sciences	RS NOVISA02	UNS Institutional Coordinator Ivana Vujković Head of IRO Dr Zorana Brindić 1, 21000 Novi Sad Tel: +381 21 485 20 16 Fax: +381 21 485 20 32 iro@uns.ac.rs Faculty of Sciences Institutional Coordinator Gordana Vlahović Head of IRO Trg Dositeja Obradovića 3, 21000 Novi Sad erasmus@pmf.uns.ac.rs	General University page: www.uns.ac.rs/index.php/en/ https://www.pmf.uns.ac.rs/en/ https://www.dzuke.rs/cataloque.uns.ac.rs/#pmf

ACUERDO:

The partners commit to amend the table below in case of changes in the mobility data by no later than the end of January in the preceding academic year.

B. Mobility numbers per academic year

FROM	TO	Subject area	Study cycle	Number of student mobility periods	Student Mobility	Staff Mobility
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RS NOVISA02	UNS incoming_erasmus@uns.ac.rs +381 21 485-2016 +381 21 485-2017 +381 21 485-2032 https://www.uns.ac.rs/index.php/en/ Faculty of Sciences: erasmus@pmf.uns.ac.rs	
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4. Housing

The receiving institution will guide incoming mobile participants in finding accommodation, according to the requirements of the Erasmus Charter for Higher Education.

Information and assistance can be provided by the following persons and information sources:

Institution	Contact details	Website for information
E OVIED001	inter.accom@uniovi.es	http://www.uniovi.es/vida/alojamiento
RS NOVISA02	UNS incoming_erasmus@uns.ac.rs +381 21 485-2016 +381 21 485-2017 +381 21 485-2032 Faculty of Sciences: erasmus@pmf.uns.ac.rs	https://www.uns.ac.rs/index.php/en/

G. SIGNATURES OF THE INSTITUTIONS (legal representatives)

Institution	Name, function	Date	Signature
E OVIED001	Jesús Daniel Santos Rodríguez Vicerrector de Internacionalización	26/10/2021	
RS NOVISA02	Prof. Dr. Dejan Madić Rector		

E OVIED001	RS NOVISA02	0541	Mathematics	1 x 5 days	1 x 5 days
RS NOVISA02	E OVIED001	0541	Mathematics	1 x 5 days	1 x 5 days

2. Recommended language skills

The sending institution, following agreement with the receiving institution, is responsible for providing support to its nominated candidates so that they can have the recommended language skills at the start of the study or teaching period:

Receiving institution	Optional: Subject area	Language of instruction 1	Language of instruction 2	Recommended language of instruction level Student Mobility for Studies	Recommended language of instruction level Staff Mobility for Teaching
E OVIED001		Spanish	English	B1	B2
RS NOVISA02		Serbian	English	B2 English	B2 English

For more details on the language of instruction recommendations, see the course catalogue of each institution (*Links provided on the first page*).

D. Additional requirements

E OVIED001: Infrastructure to welcome students and staff with disabilities at Universidad de Oviedo: <http://www.uniovi.es/recursos/ono>

RS NOVISA02: Any additional or special requirements of mobile participants will be discussed on a case-by-case basis.

E. Calendar

1. Applications/information on nominated students must reach the receiving institution by:

Receiving institution	Autumn term (month)	Spring term (month)
E OVIED001	Nomination deadline 30 th May Application deadline 30 th June	Nomination deadline 15 th November Application deadline 15 th December
RS NOVISA02	June 30	November 30

This Collaboration Agreement may be terminated on the following grounds:

- End of the stipulated period of validity.
- Mutual agreement between the parties.
- Written notice of termination with 6 months in advance, provided the termination shall not become effective until the end of the stay of the students enrolled in both institutions on the date of notification.

F. Information

1. Grading systems of the institutions

E OVIED001:

<http://www.uniovi.es/en/internacional/extranjeros/estudiar>

RS NOVISA02:

<https://www.uns.ac.rs/index.php/en/international-cooperation/students-exchange/academic-credit-system>

2. Visa

The sending and receiving institutions will provide assistance, when required, in securing visas for incoming and outbound mobile participants, according to the requirements of the Erasmus Charter for Higher Education.

Information and assistance can be provided by the following contact points and information sources:

Institution	Contact details	Website for information
E OVIED001	inter.incoming@uniovi.es	http://www.uniovi.es/en/internacional/extranjeros/p/ajuda/formalizacion
RS NOVISA02	UNS incoming_erasmus@uns.ac.rs +381 21 485-2016 +381 21 485-2017 +381 21 485-2032 Faculty of Sciences: erasmus@pmf.uns.ac.rs	https://www.uns.ac.rs/index.php/en/

3. Insurance

The sending and receiving institutions will provide assistance in obtaining insurance for incoming and outbound mobile participants, according to the requirements of the Erasmus Charter for Higher Education.

The Eruonews Serbia interview (September 2022)

“Tecom general project manager Jelena Ignjatović talked about the significance, realization, and sustainability of the Tecom project, and also the impact it had with Serbian and Albanian universities that participated in enhancing their education competence.”

http://www.tecomp.ni.ac.rs/wp-content/uploads/2022/10/JUTRO_LJILJA_PAVLOVIC_15092022.mp4



Awarding of certificates (September 2022)

“As part of the workshop held during September in Nis, certificates were also awarded for the participants of the English language course and the previously held pedagogical methods course.”

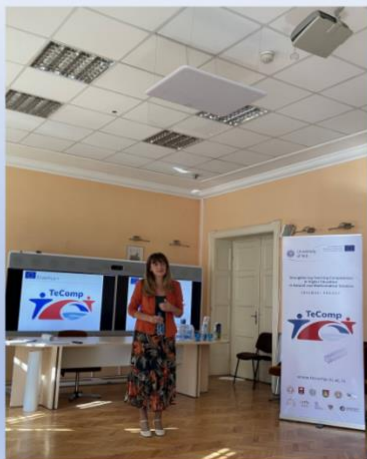


Inter-project coaching (September 2022)

“A very useful and significant part of the empowerment of the TeComp project was Inter-project cocaching. Tatjana Anđelković spoke about TeComp Sustainability - How to keep TeComp results and relationships relevant after the project life? Tatjana Anđelković was the head of the Erasmus+ project called NetChem. Some of the results of the Erasmus+ project, called Swarm, were presented Milan Gocić, who is the coordinator of the Swarm project.”

http://www.tecomp.ni.ac.rs/download/Photo_album_Inter-project-coaching-1.pdf

Inter-project coaching: SWARM, NETCHEM and TeComp Niš, September 15th, 2022



Inter-project coaching: SWARM, NETCHEM and TeComp Niš, September 15th, 2022



Awarding a cup to the Project superman (September 2022)

“TeComp is one of the few projects that had a chance to go through very strange circumstances during its life, including Covid 19 pandemic and Russia/Ukraine conflict. The consortium members went through many hardships together, and through hard work and coordination, but their will and persistence prevailed. In most of the hard situations, there was a common occurrence: One man always came to save the day! When the consequences seemed to be dire, he put on his signature smile and solve it in a flash. For his hard and passionate work, we today have to commend our “Superman”: Ardian Cerava”



Conference in Čačak (September 2022)

“Developing Teaching Competencies for Implementing Blended Learning in Higher Education: Experiences of Faculty of Science, University of Kragujevac”

<http://www.tecomp.ni.ac.rs/download/Prezentacija-za-konferenciju-TIE-2022.pptx.pdf>



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Blended Learning


- A teaching model – combining the best aspects of traditional face-to-face teaching and the online interactive teaching, using suitable digital and communication technologies




TIE 2022, Čačak, Serbia, September 17th, 2022

1st international scientific conference
Technica and
Innovation - TIE 2022
November 10-18 September 2022

Co-funded by the
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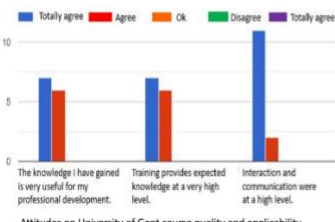


Developing Teaching Competencies for Implementing Blended Learning in Higher Education: Experiences of Faculty of Science, University of Kragujevac

Ana Kaplarević-Mališić, Slađana Dimitrijević, Ivana Radojević, Milan Kovačević
University of Kragujevac, Faculty of Science, Serbia

TIE 2022, Čačak, Serbia, September 16-18th, 2022

Educational interaction and communication - Gent



Attitudes on University of Gent course quality and applicability

TIE 2022, Čačak, Serbia, September 17th, 2022

- Highly rated with an average mark of 4,85, on a scale from 1 to 5.
- 69,2% - very satisfied with the training organization and structure.
- 30,8% said that they plan to participate in similar training in the future, while 69,2% stated that they will probably participate.



**Strengthening Teaching Competences
in Higher Education
in Natural and Mathematical Sciences**

Co-funded by the
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**SCHOOL ON INFORMATION NOISE AND PHYSICS OF LIFE, SPECIAL SESSION ON
KNOWLEDGE SHARING AND SUSTAINABLE NETWORKING (September 2022)**

“The international summer school, "School on Information, Noise, and Physics of Life", which was organized in collaboration between ICTP (Trieste, Italy), MISANU (Belgrade, Serbia) and PMF (Niš, Serbia), from September 19 to September 30 in Niš (Serbia) achieved a great success. Apart from the high-quality knowledge exchange, one of the greatest achievements of this school could be seen in efficient networking between participants and the local community. This special session, organized in a hybrid format as a set of lightning talks, aims to support and strengthen established connections and to foster future collaborations and interactions, towards sustainable growth of the established research network.

Project manager Jelena Ignjatović gave a lecture at the meeting titled "How to keep TeComp project results and relationships sustainable after the project life?". She presented the achievements of the TeComp project to guests around the world, as well as discussed further cooperation and dissemination of the project.”

<https://indico.ictp.it/event/9826/>



The screenshot shows the event page for the 'School on Information, Noise, and Physics of Life' (smr 3736) on the ICTP website. The page includes a search bar, navigation tabs (Research, Scientific Calendar, Programmes), and a detailed event overview. The event is scheduled from September 19 to September 30, 2022, in Nis, Serbia. The description highlights the focus on complex signals in non-equilibrium physics and biophysical processes. The topics listed include Control theory, Entropy foundations, Mean field theory and inference methods, Information theory, Biophysics, and Stochastic thermodynamics. The organizers are Raphael Chetrite (Université Côte d'Azur, Nice, France), Andjelka Hedrih (Mathematical Institute of SASA, Belgrade, Serbia), and Velimir Ilic (MISANU), Lazar Stojković (PMF, University of Nis, Serbia). The co-sponsors are the European Union, ICTP, and the Mathematical Institute of the Serbian Academy of Sciences and Arts. The lecturers listed are Ada Altieri (Paris Diderot University, France), Andre C. Barato (University of Houston, USA), John Bechhoefer (Simon Fraser University, Canada), Raphael Chetrite (Université Côte d'Azur, Nice, France), Andjelka Hedrih (Mathematical Institute of SASA, Belgrade, Serbia), Jan Korbelt (Complexity Science Hub Vienna, Austria), Jelena Manojlović (University of Nis, Serbia), Juan MR Parrondo (Universidad Complutense de Madrid, Spain), Dimitri Petritis (University of Rennes, France), Edgar Roldan (ICTP Trieste, Italy), and Iva Tolic (R. Boskovic Institute Zagreb, Croatia). The volunteers are Bogdan Djordjević (MISANU, Belgrade, Serbia) and Katarina Djordjević (PMF, University of Nis, Serbia).



THE VISIT OF THE RECTOR OF THE UNIVERSITY OF NIS TO THE RECTOR OF THE UNIVERSITY OF OVIEDO (October 2022)

“As part of the last activities on the project “Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences – TeComp”, the rector of the University of Nis, Prof. dr Dragan Antic, visited Oviedo, where he met with the Rector of University of Oviedo, Prof. dr Ignacio Villaverde Menendez.

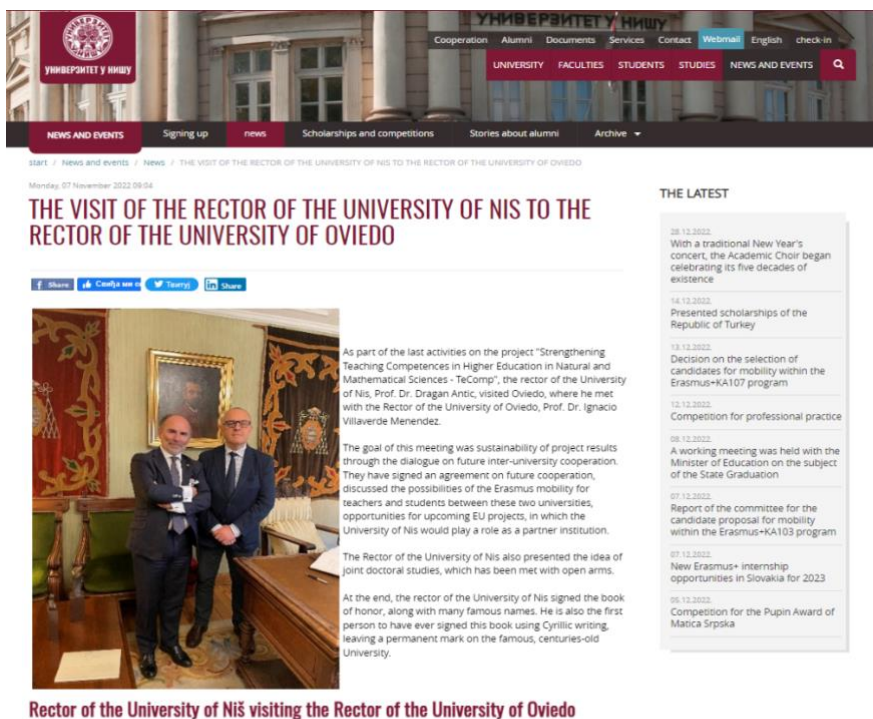
The goal of this meeting was sustainability of project results through the dialog on future inter-university cooperation. They have signed an agreement on future cooperation, discussed on the possibilities of the Erasmus mobility for teachers and students between these two universities, opportunities for upcoming EU projects, in which the University of Nis would play a role as a partner institution.

The Rector of the University of Nis also presented the idea of joined doctoral studies, which has been met with open arms.

At the end, the rector of the University of Nis signed the book of honor, along with many famous names. He is also the first person to have ever signed this book using Cyrillic writing, leaving a permanent mark on the famous, centuries old University.

”

<https://www.ni.ac.rs/novosti-i-dogadjaji/vesti/rektor-univerziteta-u-nisu-u-poseti-rektoru-univerziteta-u-oviedu>



The screenshot shows a news article on the University of Nis website. The article is titled "THE VISIT OF THE RECTOR OF THE UNIVERSITY OF NIS TO THE RECTOR OF THE UNIVERSITY OF OVIEDO" and is dated Monday, 07 November 2022 09:04. The article text is as follows:

As part of the last activities on the project "Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences - TeComp", the rector of the University of Nis, Prof. Dr. Dragan Antic, visited Oviedo, where he met with the Rector of the University of Oviedo, Prof. Dr. Ignacio Villaverde Menendez.

The goal of this meeting was sustainability of project results through the dialogue on future inter-university cooperation. They have signed an agreement on future cooperation, discussed the possibilities of the Erasmus mobility for teachers and students between these two universities, opportunities for upcoming EU projects, in which the University of Nis would play a role as a partner institution.

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Rector of the University of Niš visiting the Rector of the University of Oviedo

As part of the latest activities on the project "Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences - TeComp", the rector of the University of Nis, prof. Dr. Dragan Antic, visited Oviedo, Spain, where he met with the rector of the University of Oviedo, Ignacio Villaverde Menendez.

The goal of this meeting was the sustainability of the project results through dialogue on future inter-university cooperation.

On this occasion, an agreement on future cooperation was signed, the possibilities of realizing Erasmus mobility of teachers and students from these two universities were discussed, as well as cooperation on joint projects, in which the universities would be

THE LATEST

- 20.12.2022. With a traditional New Year's concert, the Academic Choir began celebrating its five decades of existence
- 14.12.2022. Presented scholarships of the Republic of Turkey
- 13.12.2022. Decision on the selection of candidates for mobility within the Erasmus+KA107 program
- 12.12.2022. Competition for professional practice
- 08.12.2022. A working meeting was held with the Minister of Education on the subject of the State Graduation
- 07.12.2022. Report of the committee for the candidate proposal for mobility within the Erasmus+KA103 program
- 07.12.2022. New Erasmus+ internship opportunities in Slovakia for 2023
- 05.12.2022. Competition for the Pupin Award of Matica Srpska



Learning Key platform at ECUGre (October 2022)

“LearninKey – The team discussed about the continuation of the use of the platform to support face-to-face teaching/learning during the academic year 2022-2023. The inclusion of the Online LearningKey platform, a platform built by partner universities, during the 2022-2023 academic year, helping students and educators during in-person learning, has been the topic of the meeting held at UGJ with the working group, as part of the TECOMP project.”

<https://www.facebook.com/100035320284422/posts/pfbid0dMmRQnmZUESR31h9ntrv2TwoeEgvLeziBsA5w69h3wpV1DnSLgZF4XTdGnTWVj3Jl/>


Universiteti "Eqrem Çabej" Gjirokastrë - Faqja Zyrtare
 October 9, 2022 · 🌐

Përfshirja e platformës online LearningKey, platformë e ndërtuar nga universitetet partnere, gjatë vitit akademik 2022-2023, në ndihmë të studentëve dhe pedagogëve gjatë mësimit në person, ka qenë tema e takimit të zhvilluar në UGJ me grupin e punës, në kuadër të projektit TECOMP.

Projekti TECOMP ka hyrë tashmë në fazën përfundimtare të tij.

Qëndrueshmëria dhe vënia në efikasitet e produkteve të tij edhe pas përfundimit të projektit është detyrim për të gjitha institucionet partnere.

The inclusion of the Online LearningKey platform, a platform built by partner universities, during the 2022-2023 academic year, helping students and educators during in-person learning, has been the topic of the meeting held at UGJ with the working group, as part of the TECOMP project.

The TECOMP project has already entered its final phase.

The durability and efficiency of its products even after the completion of the project is a must for all partner institutions.

⚙️ · Hide Translation · Rate this translation









**Strengthening Teaching Competences
in Higher Education
in Natural and Mathematical Sciences**

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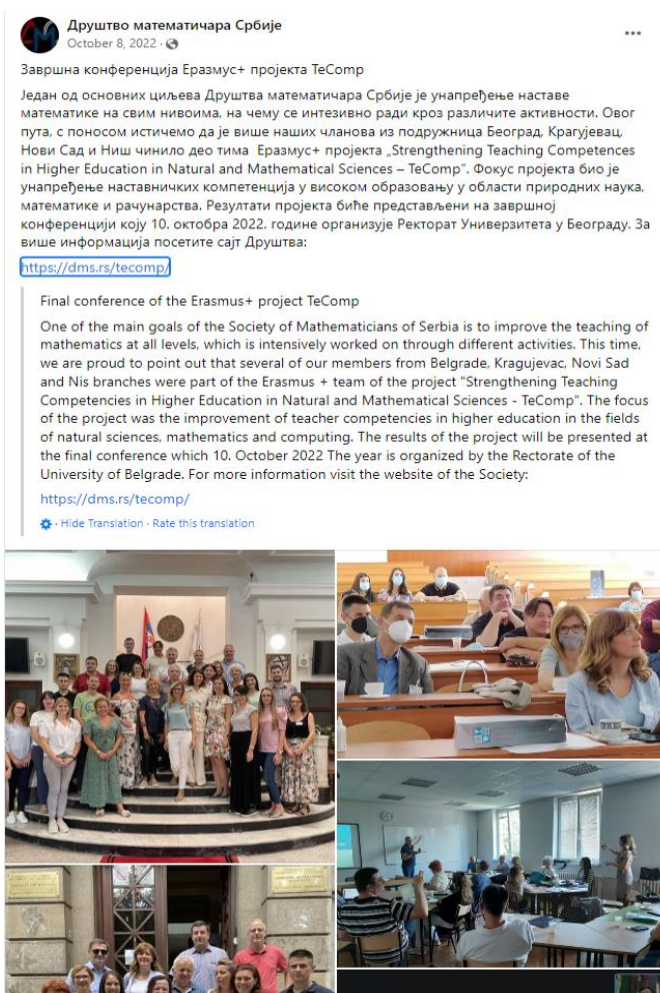
Information about the final conference on the Facebook page of the Association of Mathematicians of Serbia (October 2022)

“Final conference of the Erasmus+ project TeComp

One of the main goals of the Society of Mathematicians of Serbia is to improve the teaching of mathematics at all levels, which is intensively worked on through different activities. This time, we are proud to point out that several of our members from Belgrade, Kragujevac, Novi Sad and Nis branches were part of the Erasmus + team of the project "Strengthening Teaching Competencies in Higher Education in Natural and Mathematical Sciences - TeComp". The focus of the project was the improvement of teacher competencies in higher education in the fields of natural sciences, mathematics and computing. The results of the project will be presented at the final conference which 10. October 2022 The year is organized by the Rectorate of the University of Belgrade. For more information visit the website of the Society”

<https://dms.rs/tecomp/>

<https://dms.rs/tecomp/>



Друштво математичара Србије
October 8, 2022 · 🌐

Завршна конференција Еразмус+ пројекта ТеКомп

Један од основних циљева Друштва математичара Србије је унапређење наставе математике на свим нивоима, на чему се интензивно ради кроз различите активности. Овог пута, с поносом истичемо да је више наших чланова из подружница Београд, Крагујевац, Нови Сад и Ниш чинило део тима Еразмус+ пројекта „Strengthening Teaching Competencies in Higher Education in Natural and Mathematical Sciences – TeComp”. Фокус пројекта био је унапређење наставничких компетенција у високом образовању у области природних наука, математике и рачунарства. Резултати пројекта биће представљени на завршној конференцији коју 10. октобра 2022. године организује Ректорат Универзитета у Београду. За више информација посетите сајт Друштва:


<https://dms.rs/tecomp/>

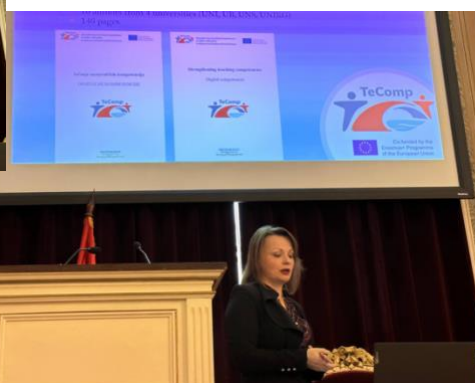
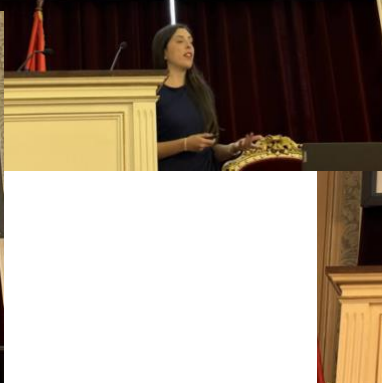
Final conference of the Erasmus+ project TeComp

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<https://dms.rs/tecomp/>

🔧 · Hide Translation · Rate this translation





Information about the final conference on the website of the Faculty of Sciences and Mathematics, University of Niš (October 2022)


*"The final conference of the Erasmus+ project **"Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences - TeComp"** (598434-EPP-1-2018-1-RS-EPPKA2-CBHE-JP) will be held in the ceremonial hall of the Rectorate building of the University of Belgrade from October 9 to 11, 2022.*

The project deals with the modernization of teaching competencies in the field of natural sciences and mathematics, the application of modern pedagogical methods and IT technologies in teaching. It is intended for all higher education teachers who are interested in introducing new methods and ways of working in accordance with contemporary practice in Europe."

<https://www.pmf.ni.ac.rs/vesti/vest-detajli/?ido=3075>

(018)533-015, 226-310 | pmfinfo@pmf.ni.ac.rs

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UNIVERZITET U NIŠU
PRIRODNO-MATEMATIČKI
FAKULTET

FACULTY STUDIES FOR PROSPECTIVE STUDENTS SCIENCE NEWS

News

07.10.2022

The final conference of the Erasmus+ project "Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences - TeComp"

The final conference of the Erasmus+ project **"Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences - TeComp"** (598434-EPP-1-2018-1-RS-EPPKA2-CBHE-JP) will be held in the ceremonial hall of the Rectorate building of the University of Belgrade from October 9 to 11, 2022.

The project deals with the modernization of teaching competencies in the field of natural sciences and mathematics, the application of modern pedagogical methods and IT technologies in teaching. It is intended for all higher education teachers who are interested in introducing new methods and ways of working in accordance with contemporary practice in Europe.

We are pleased to invite you to attend the final conference on October 10, 2022, when the topics will be relevant for a wider audience. This will be an opportunity for those present to familiarize themselves with the results of the project, to start a discussion about guidelines and steps in further improving the quality of higher education teaching, as well as ways that would motivate teachers at universities in Serbia to adapt the way of teaching to modern opportunities and needs, not only in the field of natural sciences, but also beyond.

The conference program is attached.

On behalf of the University of Niš team
prof. Dr. Jelena Ignjatović,
project coordinator
Attachment:

University of Granada on The Tecomp project's final conference (October 2022)

"The European project "Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences-TeComp", approved within the framework of the Erasmus+ 2018 call, has the general objective of improving the teaching and learning processes of mathematics and science teachers from various universities of Serbia and Albania. María C. Cañadas and Antonio Moreno, from the Department of Mathematics Didactics of the University of Granada, participate in this project. The closing meeting of the project has taken place from October 9 to 11, 2022 at the University of Belgrade. Academics from several universities in Serbia, Albania, Slovakia, the Czech Republic and Spain, partners in the project, participated in the meeting. María C. Cañadas and Antonio Moreno have attended and participated in the closing meeting of the project."

<https://www.ugr.es/universidad/noticias/reunion-cierre-proyecto-erasmus-tecomp-universidad-belgrado>

**UNIVERSIDAD
DE GRANADA**

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University / News / CLOSING MEETING ERASMUS PROJECT TECOMP UNIVERSITY BELGRADE

NEWS

All the news

Front page

Present

Divulgation

Culture

Closing meeting of the Erasmus+ TeComp project at the University of Belgrade

10/26/2022

Present

The European project "Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences-TeComp", approved within the framework of the Erasmus+ 2018 call, has the general objective of improving the teaching and learning processes of mathematics and science teachers from various universities of Serbia and Albania. María C. Cañadas and Antonio Moreno, from the Department of Mathematics Didactics of the University of Granada, participate in this project. The closing meeting of the project has taken place from October 9 to 11, 2022 at the University of Belgrade. Academics from several universities in Serbia, Albania, Slovakia, the Czech Republic and Spain, partners in the project, participated in the meeting. María C. Cañadas and Antonio Moreno have attended and participated in the closing meeting of the project.

Keep reading



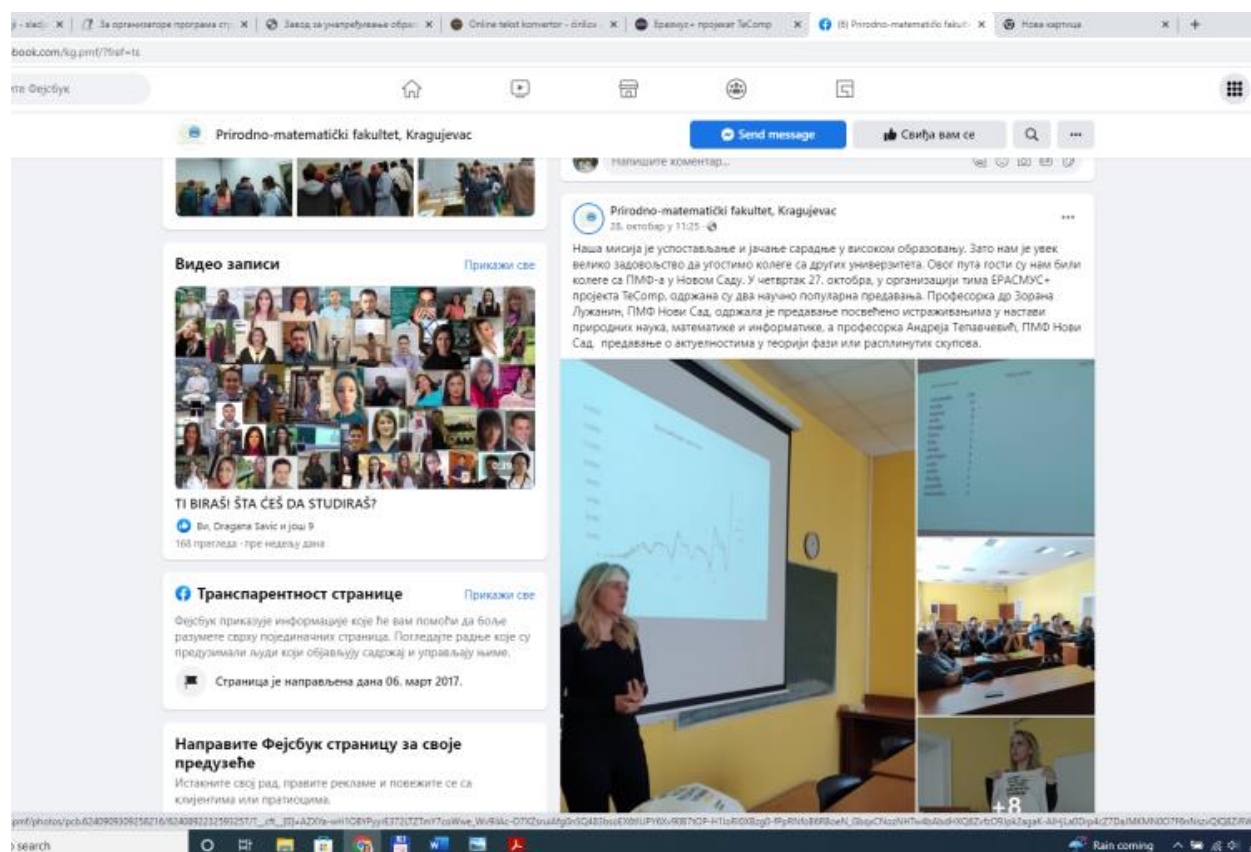
share on

Popular lectures in Kragujevac (October 2022)

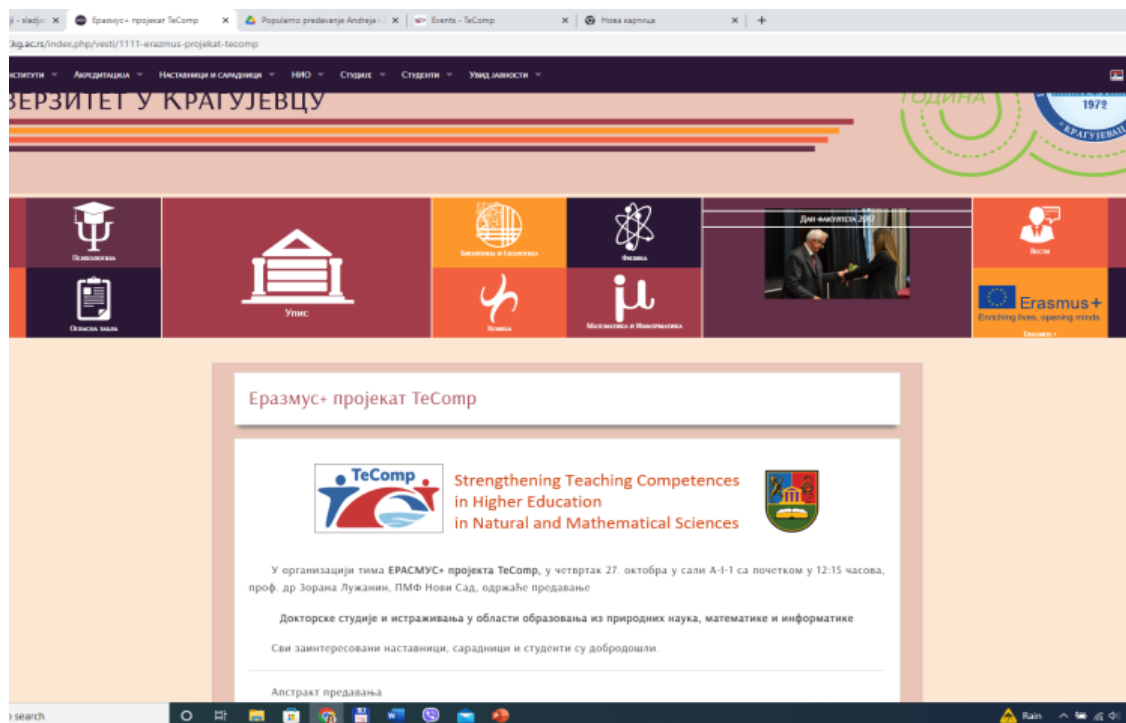
“Popular lectures by professors from the faculty in Novi Sad were held in Kragujevac from October 26, 2022 to October 28, 2022.”

https://drive.google.com/file/d/1XkqhTv0UHoOI7f_fdb14JUxu0L8OuCrA/view

<https://drive.google.com/file/d/17BifD-CheYrBnW2gaxnZpKj71Eb008i0/view>



The screenshot shows a Facebook page for the 'Prirodno-matematički fakultet, Kragujevac'. The page has a cover photo showing a group of people. The main post is dated 26. oktobar u 11:25 and is from the page 'Prirodno-matematički fakultet, Kragujevac'. The post text reads: 'Nаша мисија је успостављање и јачање сарадње у високом образовању. Зато нам је увек велико задовољство да угостимо колеге са других универзитета. Овог пута гости су нам били колеге са ПМФ-а у Новом Саду. У четвртак 27. октобра, у организацији тима ЕРАСМУС+ пројекта ТеСомп, одржана су два научно популарна предавања. Професорка др Зорана Лужанић, ПМФ Нови Сад, одржала је предавање посвећено истраживањима у области природних наука, математике и информатике, а професорка Андреја Тепавчевић, ПМФ Нови Сад, предавање о актуелностима у теорији фази или расплутних скупова.' Below the text is a video recording of a lecture. The video shows a woman standing in front of a projection screen, presenting a graph. The video has 168 views and was posted 1 week ago. Below the video are several ads, including one for 'Ти БИРАШ! ШТА ЧЕШ ДА СТУДИРАШ?' and another for 'Транспарентност странице'.



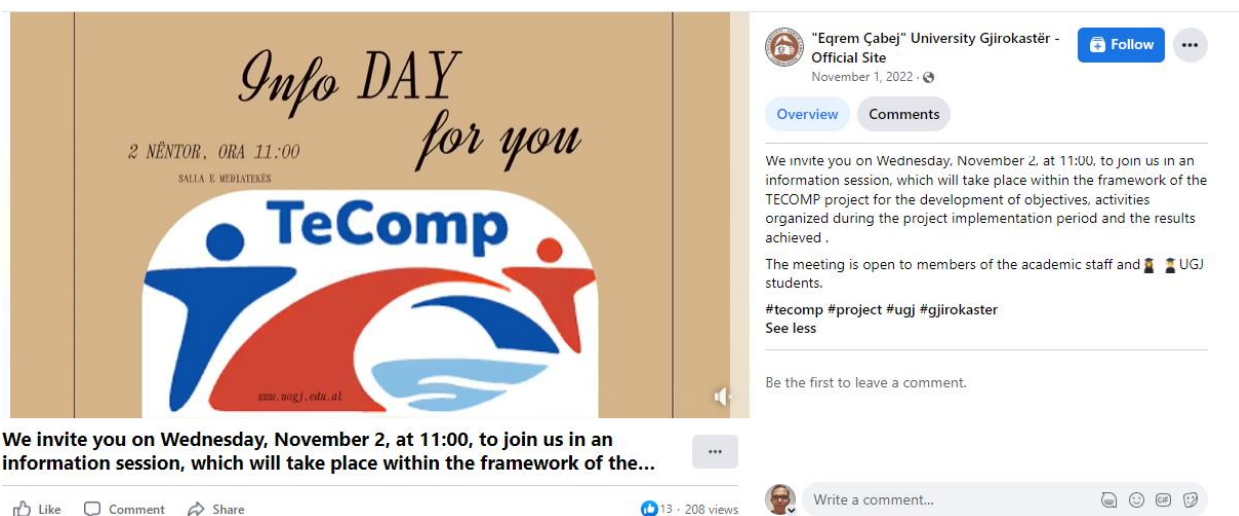
Open invitation for participation on Info Day in the framework of TECOMP project.

“We invite you on Wednesday, November 2, at 11:00, to join us in an information session, which will take place within the framework of the TECOMP project for the development of objectives, activities organized during the project implementation period and the results achieved .

The meeting is open to members of the academic staff and 🧑🏫 🧑🎓 UGJ students.

“

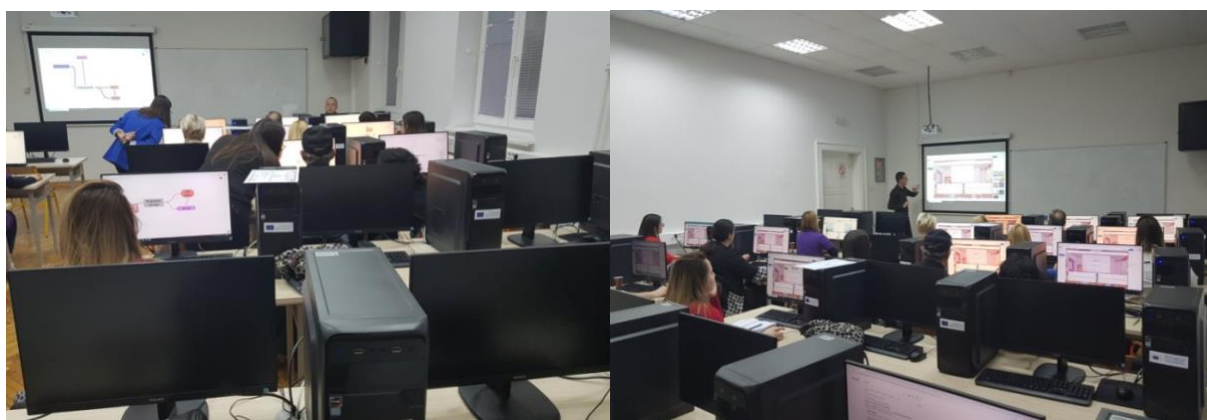
<https://www.facebook.com/watch/?v=1496846260782777&ref=sharing>



The image shows a Facebook post from the official site of "Eqrem Çabej" University Gjirokastrë. The post features a video thumbnail with the text "Info DAY for you" and "2 NËNTOR, ORA 11:00". Below the video, the text reads: "We invite you on Wednesday, November 2, at 11:00, to join us in an information session, which will take place within the framework of the TECOMP project for the development of objectives, activities organized during the project implementation period and the results achieved . The meeting is open to members of the academic staff and 🧑🏫 🧑🎓 UGJ students. #tecomp #project #ugj #gjirokastrë See less". The post has 13 likes and 208 views. The user interface includes a "Like" button, a "Comment" button, a "Share" button, and a "Write a comment..." input field.

Digitally Competent Teacher Project (November 2022)

“Members of the Kragujevac Branch of the Society of Mathematicians of Serbia and at the same time teachers and associates of Faculty of Sciences and Mathematics in Kragujevac, who were active in the TeComp project, applied to the public competition based on the knowledge and experience gained during the project for financing/co-financing projects of associations/organizations with funds from the budget of the city of Kragujevac in 2022 with the Digitally Competent Teacher project and the project was approved.”



International Conference on Physics education in Secondary Schools (November 2022)

“International Conference on Physics education in Secondary Schools in Aleksinac is organized by Aleksinac gymnasium with the help of Department of Physics (Faculty of Sciences and Mathematics) and financed by the municipality of Aleksinac. In 2023, it will be its 10th anniversary. The board consists of 20 physics education researchers, which are almost university professors, and from 5 different countries. The conference includes expert lectures, workshops, poster sections, book presentations, panel discussions etc. Besides all that, the conference includes competition for the best experimental work by high school students, where students from many countries participate. The winners receive prizes for their work.”



Opština Aleksinac i Aleksinačka gimnazija
sa partnerima

organizuju

10. Jubilarnu Međunarodnu konferenciju o nastavi fizike u srednjim školama

Aleksinac, 24-26. mart 2023. godine

Program jubilarne Konferencije obuhvata:

Predavanja po pozivu iz metodike nastave fizike

Predavanja po pozivu iz raznih oblasti fizike i astronomije

Usmene i poster prezentacije stručnih radova

Prezentacije srednjoškolskih i univerzitetskih udžbenika

Otrogli sto o problemima srednjoškolske nastave fizike

Radionice

Izložbu učila

Zbornik radova 10. Međunarodne konferencije o nastavi fizike u srednjim školama,
Aleksinac, 24-26. marta 2023.

Aktiviranje prethodnog znanja učenika

Lazar Radenković, Ljubiša Nešić

Prirodno-matematički fakultet, Niš, Srbija

Apstrakt. do 200 reči. rad sme imati najviše 7 stranica. elektronskom poštom na adresu konferencija.aleksinac@gmail.com слике засебно, 300 дати име_презиме_слика_x

Ključne reči: aktivna nastava, uvodni deo časa, utvrđivanje.

UVOD

Ovaj rad je nastao kao rezultat novih iskustava koje su autori stekli tokom treninga organizovanog u okviru aktivnosti Erasmus+ projekta Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences (Ref. No: 598434-EPP-1-2018-1-RS-EPPKA2-CBHE-IP (2018-2467)).

Fundamentalni problem sa predavanjima je da se ona temelje na ideji da se učenicima može preneti znanje, kao da je predmet, i da učenici usvajaju znanje samo zato što im je ono izrečeno. Aktuelna pedagoška teorija je teorija konstruktivističkog poravnanja (eng. *constructive alignment*), koja je spoj konstruktivizma i učenja usmereno na ishode. U obrazovnom konstruktivizmu je osnovno načelo da osoba nije puki primalac znanja, već da ona mora da aktivno konstruiše svoje razumevanje. Ovaj koncept je izveden iz kognitivne psihologije i uviđa značaj povezivanja novog materijala sa konceptima i iskustvom koji su već prisutni u umu učenika.

Drugi je da nastavnik vrši namerno poravnanje nastavnih aktivnosti sa željenim ishodima učenja. Ovo je svesni napor da se učincima predstavi jasan i konkretan cilj učenja, dobro osmišljene aktivnosti učenja kao i provera znanja sa jasnim kriterijumom za procenu ostvarenosti ciljeva koja omogućuje i adekvatnu povratnu informaciju učeniku.



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Dissemination recap



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