PRE-TRAINING SURVEY FOR THE SECOND GROUP

OF THEACHERS (PANCEVO)

Total length of service in the institutions of secondary education

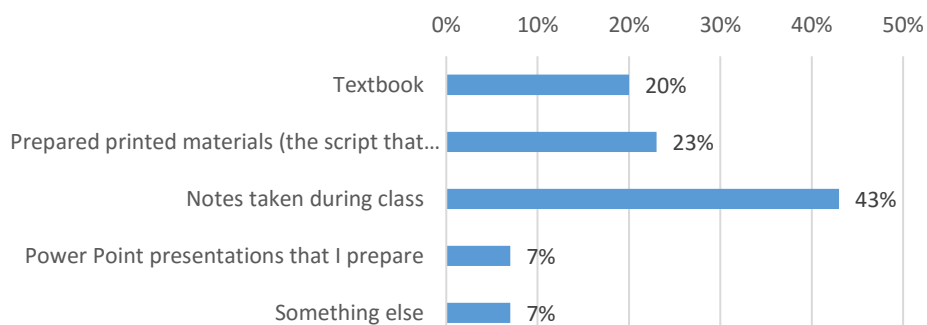| Length of service	Percentage
1 to 5 years	37%
5 to 10 years	23%
10 to 20 years	30%
more than 20 years	10%

Number of participants: 30

Average number of subjects that participants teach: 3

To what extent is your teaching subject/s covered by the course material?

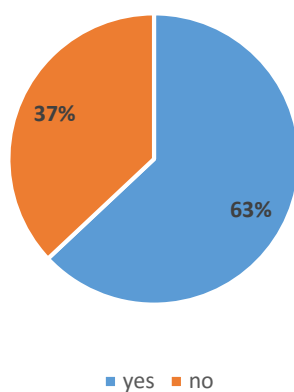| Response	Percentage
There is sufficient number of a high-quality teaching materials	20%
There is an appropriate textbook, but other instructional materials (workbooks, practicums, etc.) are missing	23%
There is a textbook, but it is not appropriate (obsolete, outdated content, didactically does not correspond to the program)	40%
There are no textbook or instructional materials	17%

Supporting the policy and VET teachers practice related to the usage, design, development and upgrade of high quality instructional material (including online publishing)

mms
Moodle Mreža Srbije

OBRAZOVNI FORUM
Beograd

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What is most important printed source for students of your subject to learn from?

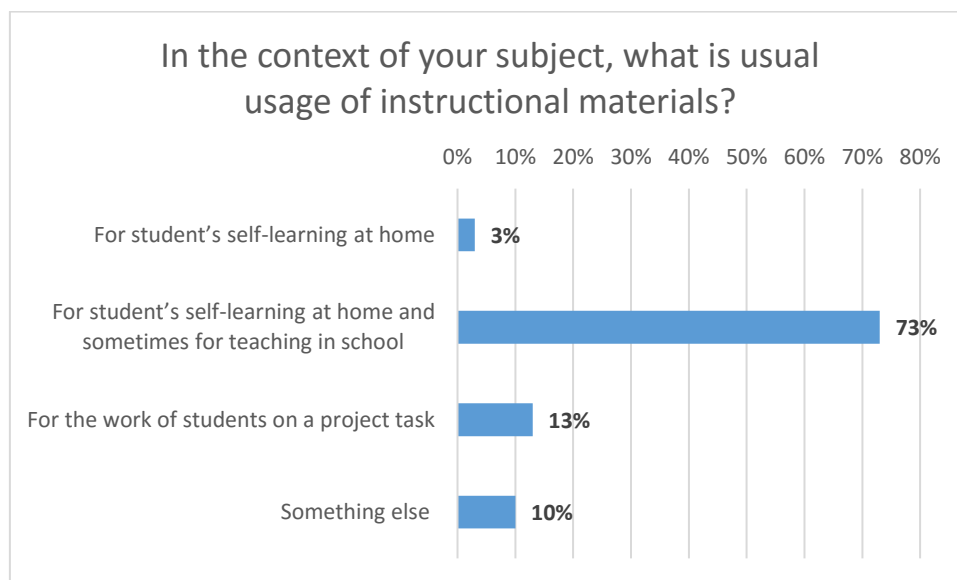| Source	Percentage
Textbook	20%
Prepared printed materials (the script that…)	23%
Notes taken during class	43%
Power Point presentations that I prepare	7%
Something else	7%

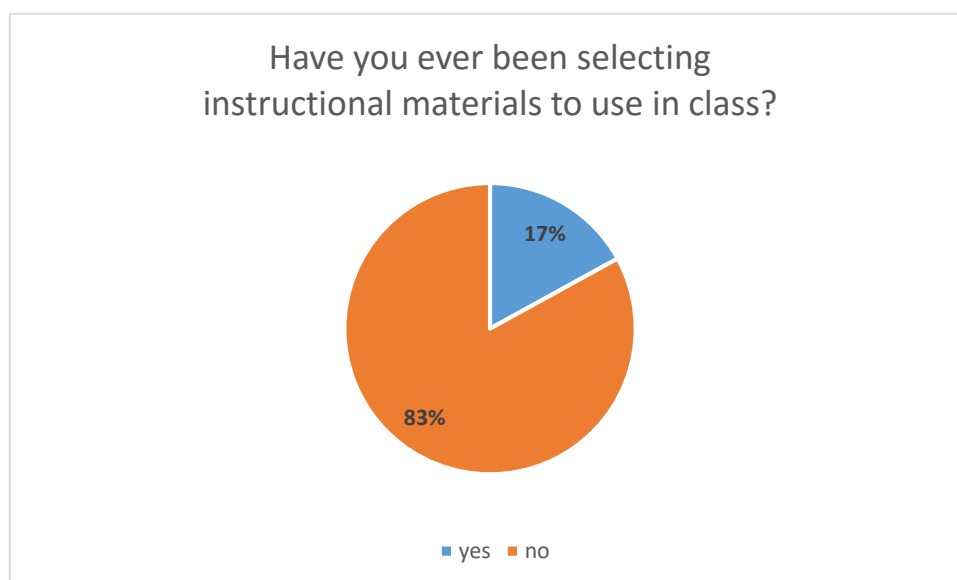**Something else**: Zbirka zadataka, radni listovi

Have you ever prepared some instructional materials for teaching by yourself

yes 63%
no 37%

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In the context of your subject, what is usual usage of instructional materials?

Category	Percentage
For student's self-learning at home	3%
For student's self-learning at home and sometimes for teaching in school	73%
For the work of students on a project task	13%
Something else	10%

Something else: Za izradu maturskih radova, za pripremu radionica, za učeničke aktivnosti u okviru sekcija, za nastavu u drugim odeljenjima

Have you ever been selecting instructional materials to use in class?

- yes: 17%
- no: 83%

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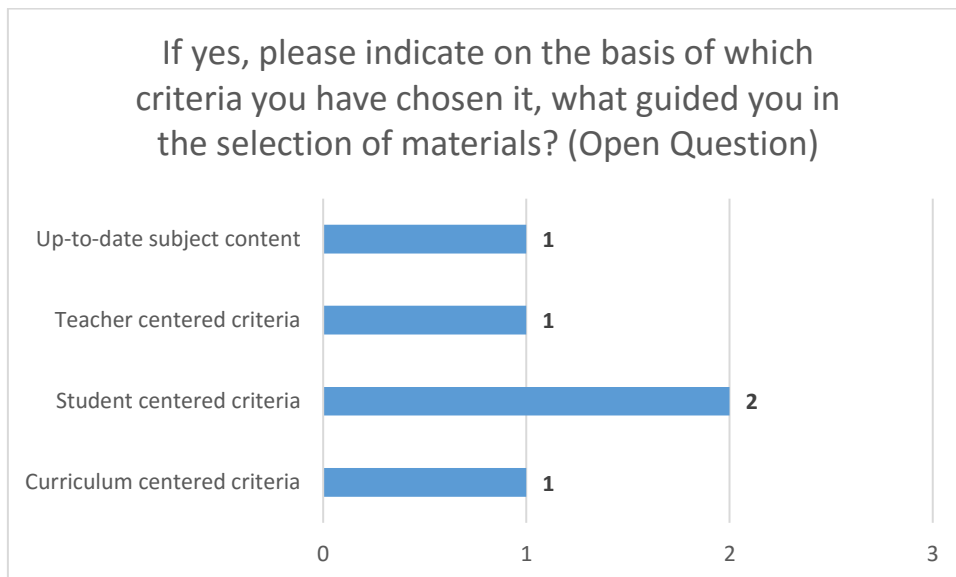
Answers on open-ended questions were subsequently categorized

If yes, please indicate on the basis of which criteria you have chosen it, what guided you in the selection of materials? (Open Question)

Criteria	Value
Up-to-date subject content	1
Teacher centered criteria	1
Student centered criteria	2
Curriculum centered criteria	1

Answers on open-ended questions were subsequently categorized

In your opinion, what are the most important characteristics of a good, high-quality teaching materials and textbooks? (Open question)

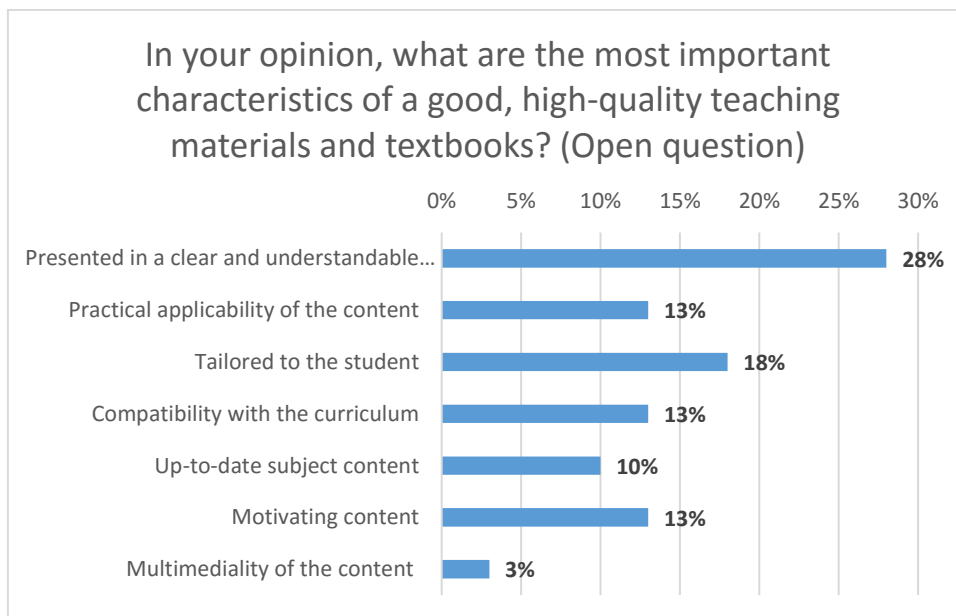| Characteristic	Value
Presented in a clear and understandable…	28%
Practical applicability of the content	13%
Tailored to the student	18%
Compatibility with the curriculum	13%
Up-to-date subject content	10%
Motivating content	13%
Multimediality of the content	3%

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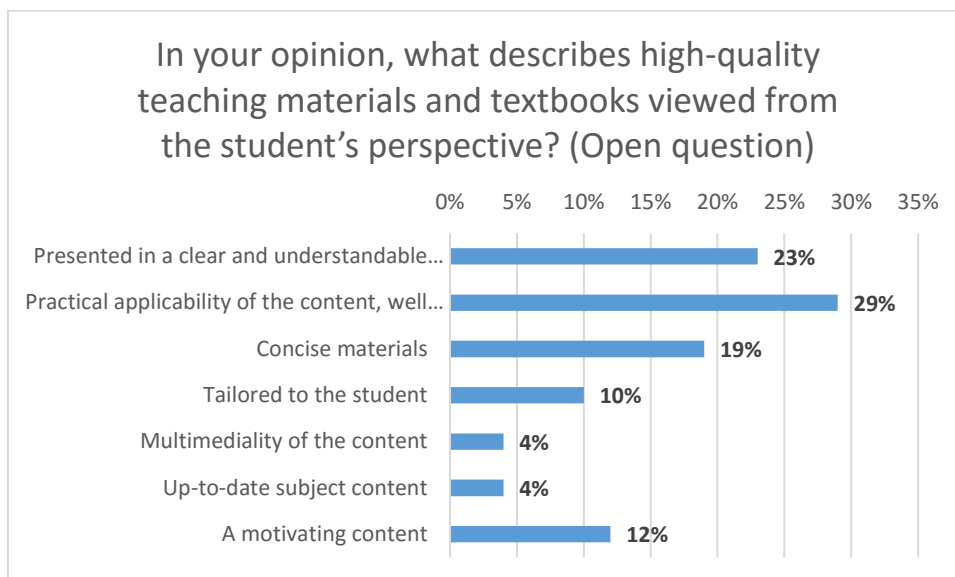Answers on open-ended questions were subsequently categorized

In your opinion, what describes high-quality teaching materials and textbooks viewed from the student's perspective? (Open question)

Category	Percentage
Presented in a clear and understandable…	23%
Practical applicability of the content, well…	29%
Concise materials	19%
Tailored to the student	10%
Multimediality of the content	4%
Up-to-date subject content	4%
A motivating content	12%

Answers on open-ended questions were subsequently categorized

In your opinion, what describes non-quality teaching materials and textbooks viewed from the student's perspective? (Open question)

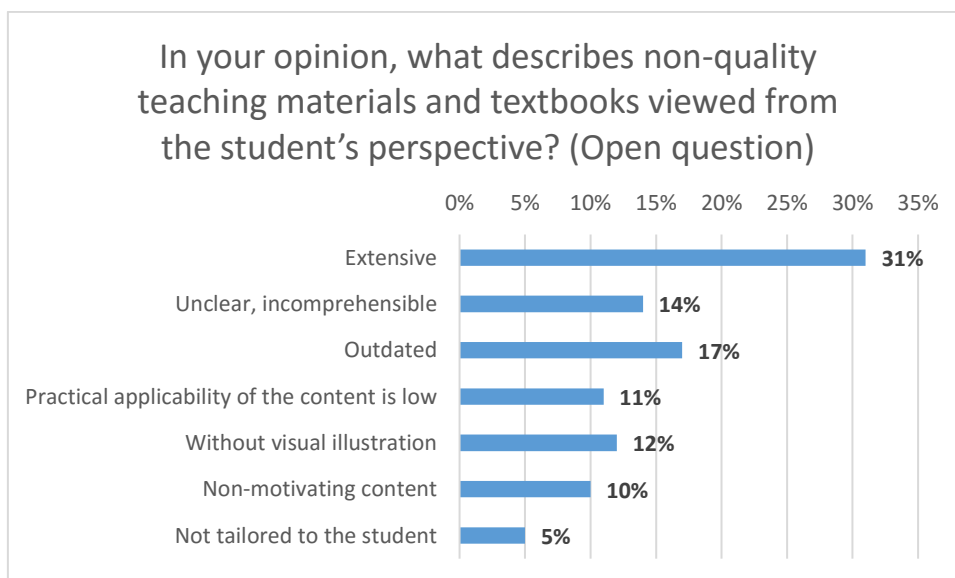| Category	Percentage
Extensive	31%
Unclear, incomprehensible	14%
Outdated	17%
Practical applicability of the content is low	11%
Without visual illustration	12%
Non-motivating content	10%
Not tailored to the student	5%

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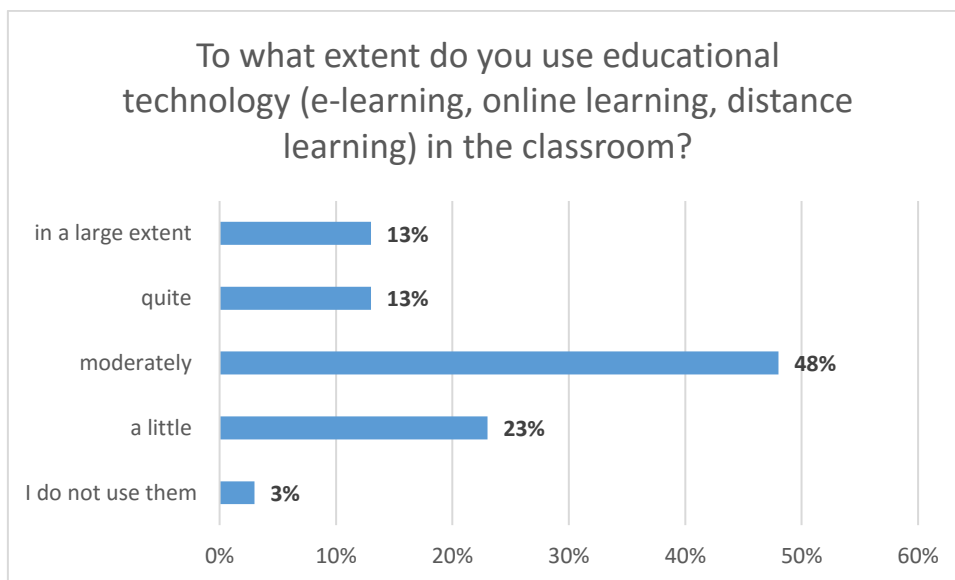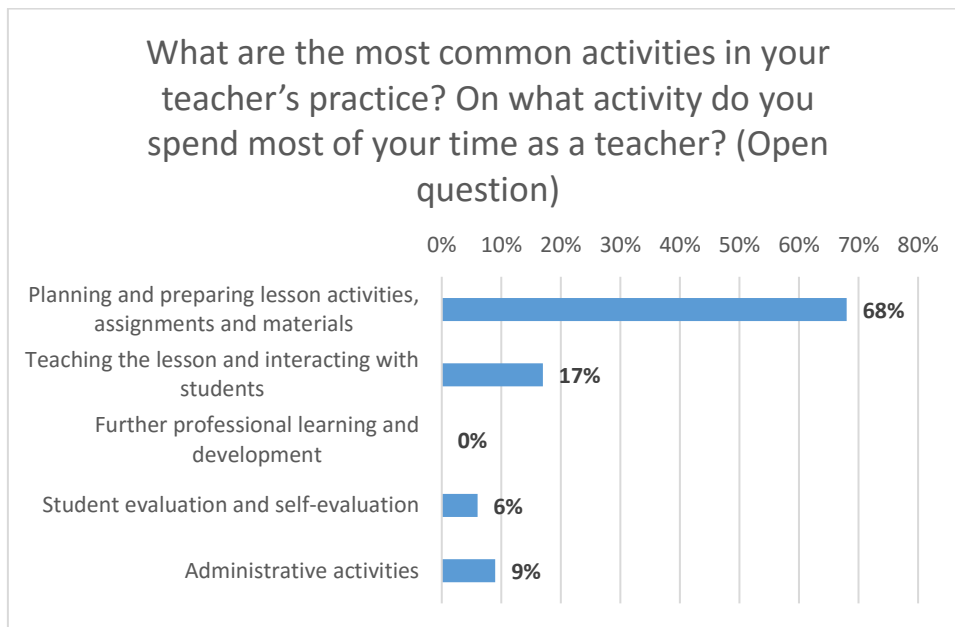Answers on open-ended questions were subsequently categorized

What are the most common activities in your teacher's practice? On what activity do you spend most of your time as a teacher? (Open question)

Activity	Percentage
Planning and preparing lesson activities, assignments and materials	68%
Teaching the lesson and interacting with students	17%
Further professional learning and development	0%
Student evaluation and self-evaluation	6%
Administrative activities	9%

To what extent do you use educational technology (e-learning, online learning, distance learning) in the classroom?

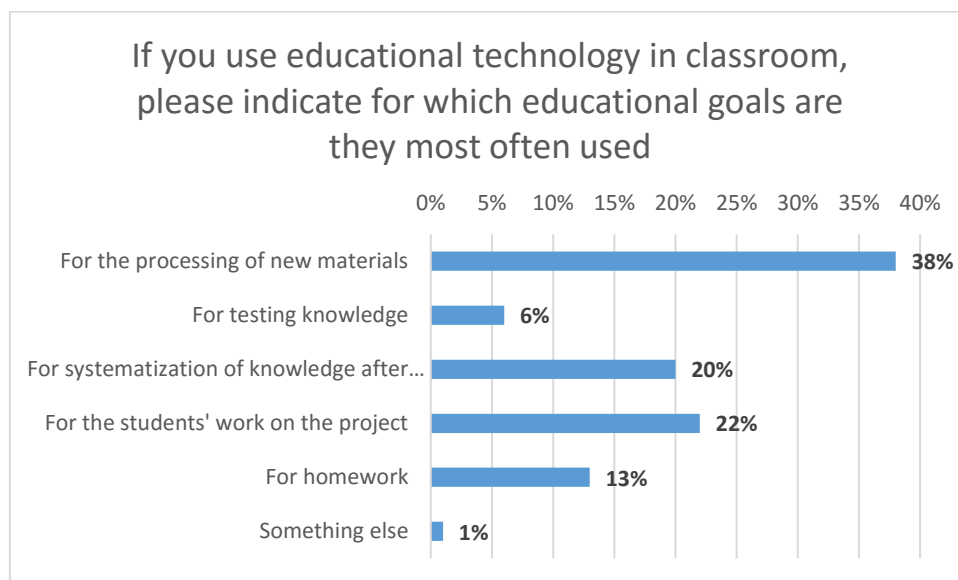| Extent	Percentage
in a large extent	13%
quite	13%
moderately	48%
a little	23%
I do not use them	3%

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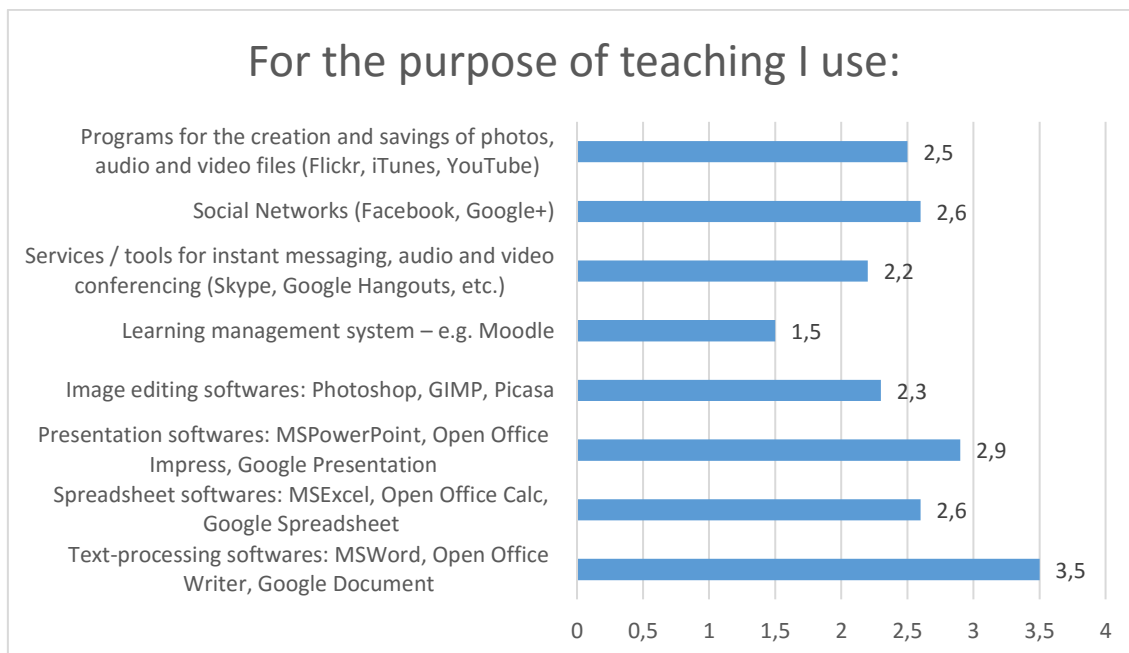
If you use educational technology in classroom, please indicate for which educational goals are they most often used

For the processing of new materials	38%
For testing knowledge	6%
For systematization of knowledge after…	20%
For the students' work on the project	22%
For homework	13%
Something else	1%

Something else: pisanje maturskih radova

For the purpose of teaching I use:

Programs for the creation and savings of photos, audio and video files (Flickr, iTunes, YouTube)	2,5
Social Networks (Facebook, Google+)	2,6
Services / tools for instant messaging, audio and video conferencing (Skype, Google Hangouts, etc.)	2,2
Learning management system – e.g. Moodle	1,5
Image editing softwares: Photoshop, GIMP, Picasa	2,3
Presentation softwares: MSPowerPoint, Open Office Impress, Google Presentation	2,9
Spreadsheet softwares: MSExcel, Open Office Calc, Google Spreadsheet	2,6
Text-processing softwares: MSWord, Open Office Writer, Google Document	3,5

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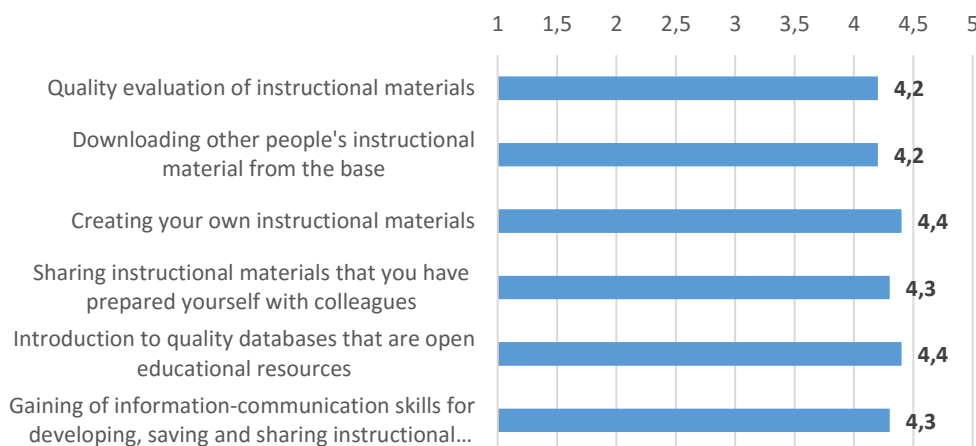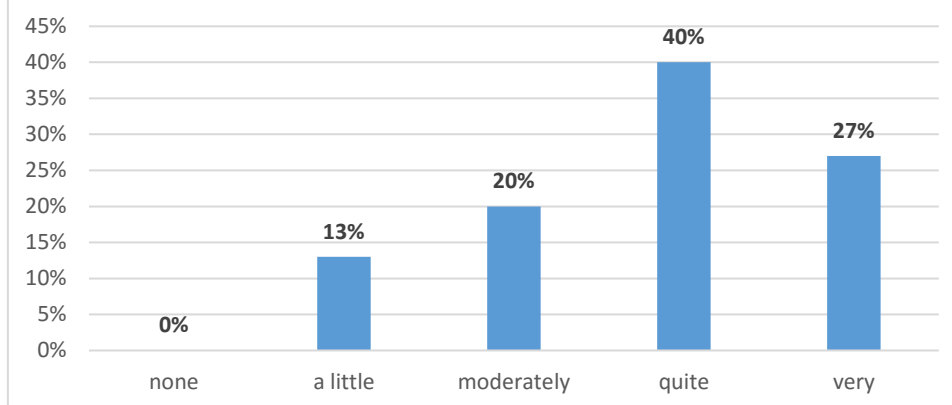
To what extent are you interested in gaining new knowledge in these areas:

Area	Score
Quality evaluation of instructional materials	4,2
Downloading other people's instructional material from the base	4,2
Creating your own instructional materials	4,4
Sharing instructional materials that you have prepared yourself with colleagues	4,3
Introduction to quality databases that are open educational resources	4,4
Gaining of information-communication skills for developing, saving and sharing instructional…	4,3

To what extent are you interested in making proposals for recommendations on educational policy when it comes to textbooks ?

none	a little	moderately	quite	very
0%	13%	20%	40%	27%

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QUESTIONNAIRE PART RELATED TO THE USAGE OF LMS MOODLE

None of 30 participants use Moodle for teaching