iPRINTeL

"CHANGE IN CLASSROOM: PROMOTING INNOVATIVE TEACHING & LEARNING TO ENHANCE STUDENT LEARNING EXPERIENCE IN EASTERN PARTNERSHIP COUNTRIES", PRINTeL

Video as a Learning tools for Teachers and Students delivered to students in Fall 2019 and/or Spring 2020

Name of the PC University: *Georgian Technical University*

Trainer: *Nino Chkhartishvili*

# THE REPORT OF THE STUDENTS' COURSE EVALUATION

Survey Results

"Students' evaluation of the course with an active and innovative component survey" was the result of my Lecture with video elements using in front of the audience. In this survey participated 12 students, filled and submitted the course evaluation survey. Here is the diagram where it is clearly shown the next:

The Name of the Course: **Viticulture and winemaking management and wine marketing**

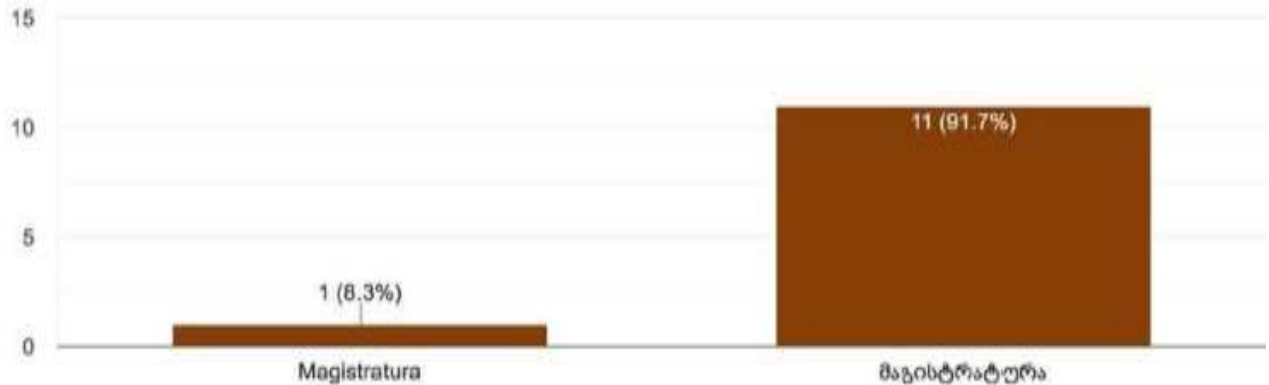სასწავლო პროგრამის სახელი/The name of the educational program *
12 responses
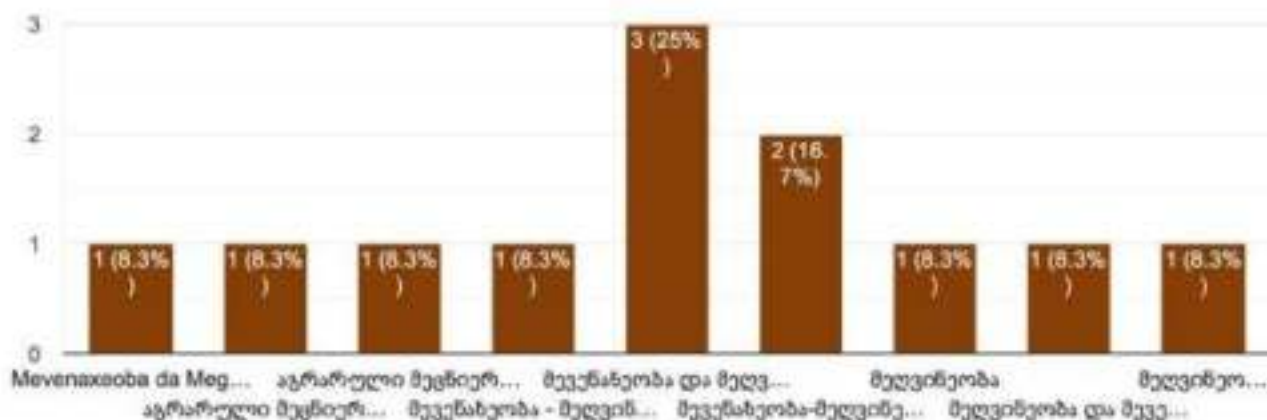
Academic Degree – Master

უმაღლესი აკადემიური განათლების საფეხური (ბაკალავრიატი, მაგისტრატურა)/Academic degree (bachelor, master) *
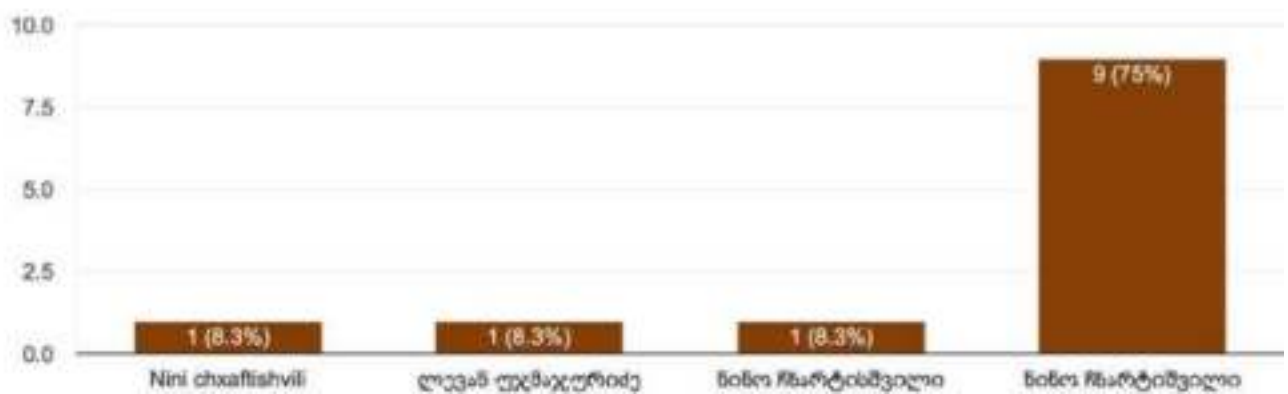
12 responses

The name, surname of the lecturer: Nino Chkhartishvili

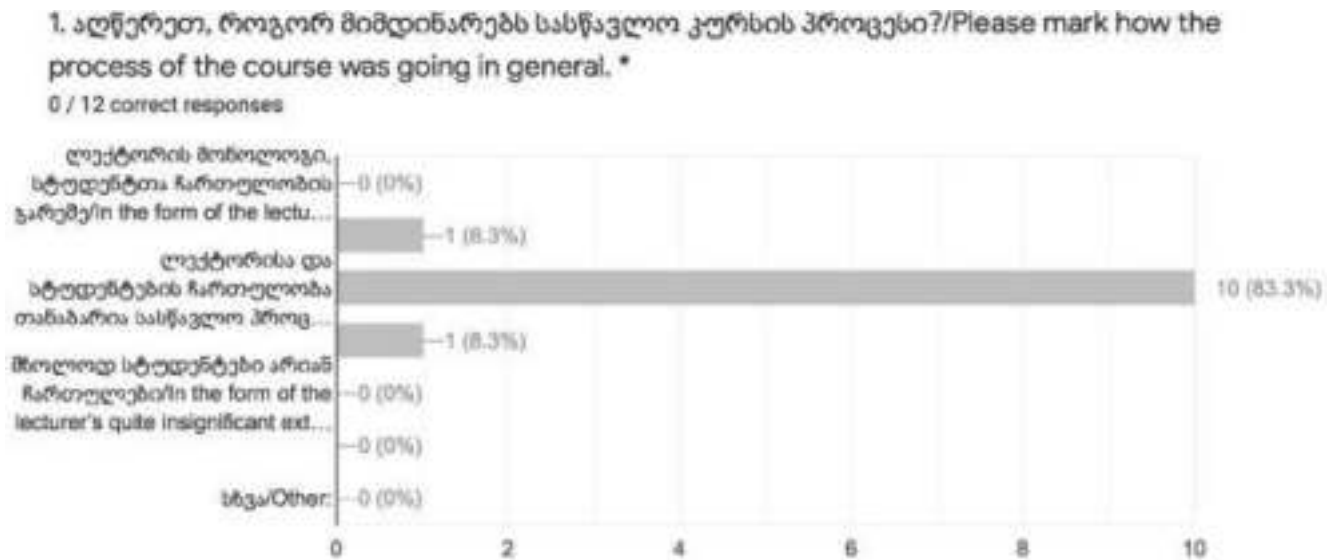ლექტორის სახელი და გვარი/The name, surname of the lecturer *

12 responses

11 students wrote as a lecturer Nino Chkhartishvili, only one wrote the different lecturer.

First Question:

Most of them agreed that both the lecturer and students' involvement was equally assured during the course.

1. აღნერეთ, როგორ მიმდინარეობს სასწავლო კურსის პროცესი?/Please mark how the process of the course was going in general. *

0 / 12 correct responses

Second Question:

"Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (5 – absolutely agree, 1 – absolutely disagree)"

Most of them absolutely agreed the statement: "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning"

2. რამდენად ეთანხმებით შემდეგს: "სასწავლო პროცესში სწავლისა და სწავლების გამოყენებულმა მეთოდებმა გამოიწვია თემისადმი ი... absolutely agree, 1 – absolutely disagree)
0 / 12 correct responses
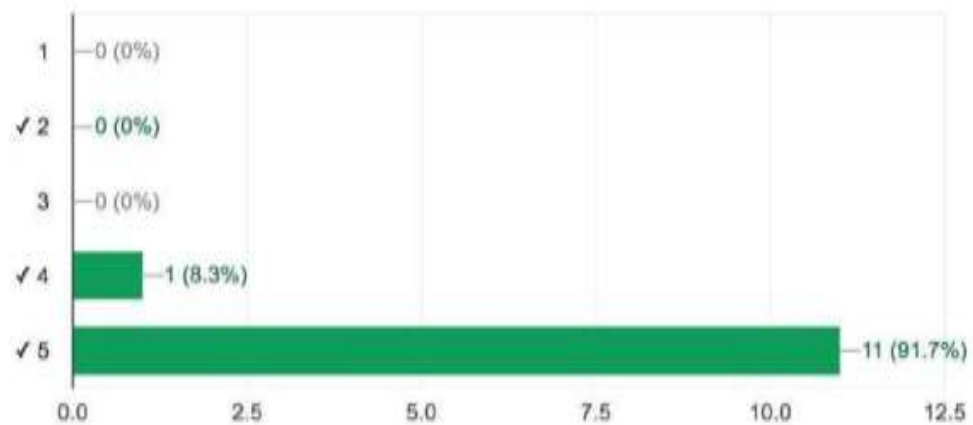
Third Question:

11 of the students absolutely agreed the statement: ""Students' participation and involvement/engagement in the course was encouraged" and 1 of them just agreed.

3. რამდენად ეთანხმებით შემდეგს: "სტუდენტთა ჩართულობა და მონაწილეობა სასწავლო პროცესში წახალისდა" (5 – სრულებით ვე... absolutely agree, 1 – absolutely disagree) *

12 responses

- 1
- 2
- 3
- 4
- 5

91.7%

8.3%
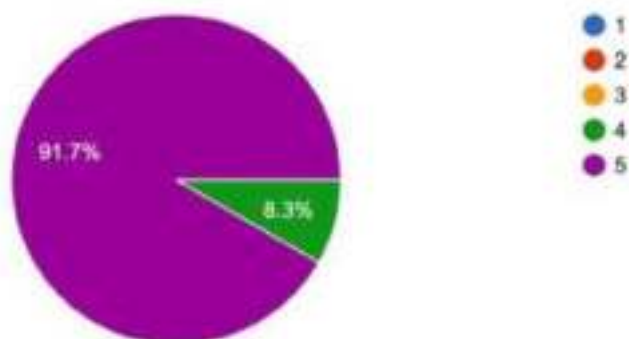
Forth Question:

50 % of them agreed that frequently were applied the active and innovative methods during the course, 50 % of them agreed – Always.

4. რამდენად ხშირად იქნა გამოყენებული სასწავლო პროცესში აქტიური და ინოვაციური მეთოდები?/How often were active and innovative ...ching and learning applied during the course? *

12 responses

- ● ყოველთვის/Always
- ● ხშირად/Frequently
- ● იშვიათად/Seldom
- ● არასდროს/Never

Fifth Question:

All of them agreed that the lecturer uses very often the active and innovative methods.

5. გთხოვთ, შეაფასეთ 5-ქულიანი შკალით ლექტორის აქტიური და ინოვაციური მეთოდების გამოყენება სასწავლო კურსის პროცესში... – the highest point, 1 – the lowest point) *
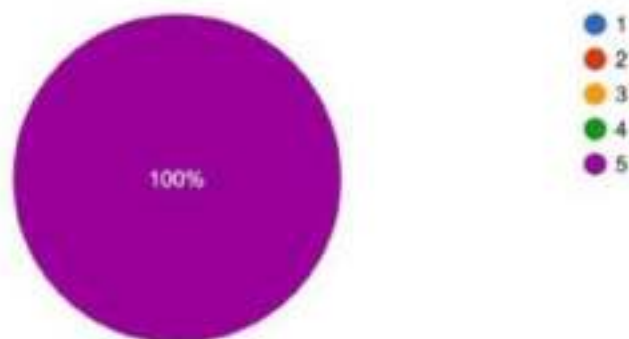
12 responses
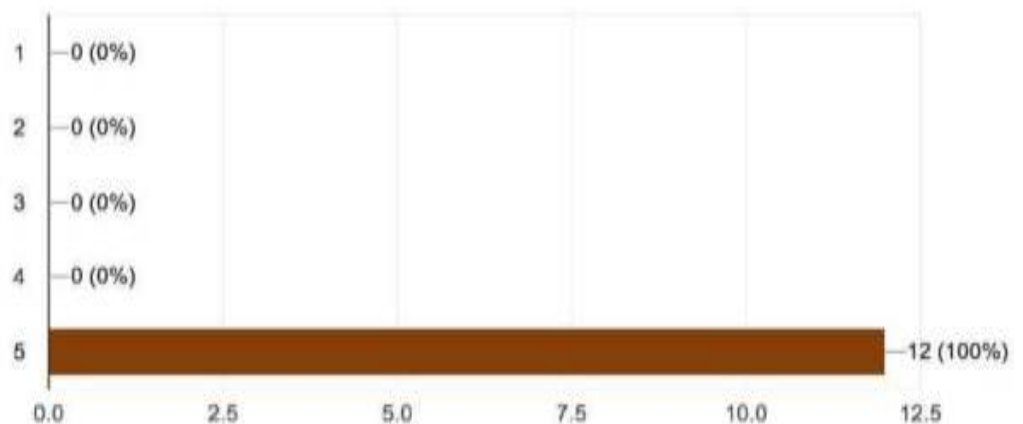

- ● 1
- ● 2
- ● 3
- ● 4
- ● 5

Sixth question:

Please rate on a 5-point scale the efficiency of communication between the lecturer and the audience (5 – the highest point, 1 – the lowest point) *

All of them rate the highest points.

6. შეაფასეთ 5-ქულიანი შკალით ლექტორსა და აუდიტორიას შორის კომუნიკაცია (5-უმაღლესი ქულა, 1 - ყველაზე დაბალი ქულა)/ Pleas...5 – the highest point, 1 – the lowest point) *
12 responses

1	0 (0%)
2	0 (0%)
3	0 (0%)
4	0 (0%)
5	12 (100%)

0.0　　2.5　　5.0　　7.5　　10.0　　12.5

Seventh Question:

"Please mark to what extent you agree with the following statement. "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future" (5 – absolutely agree, 1 – absolutely disagree)".

10 of them absolutely agree the statement and 2 of them agree.

7. რამდენად ეთანხმებით შემდეგს: "სასწავლო კურსის დასრულების შემდგომ, მე მივიღე გუნდური მუშაობის და თანამშრომლობის უნარები, ...bsolutely agree, 1 – absolutely disagree) *
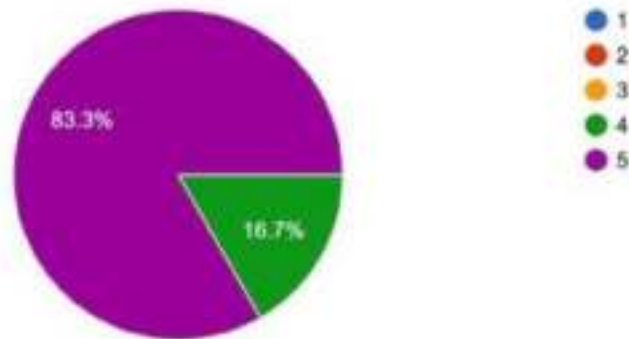
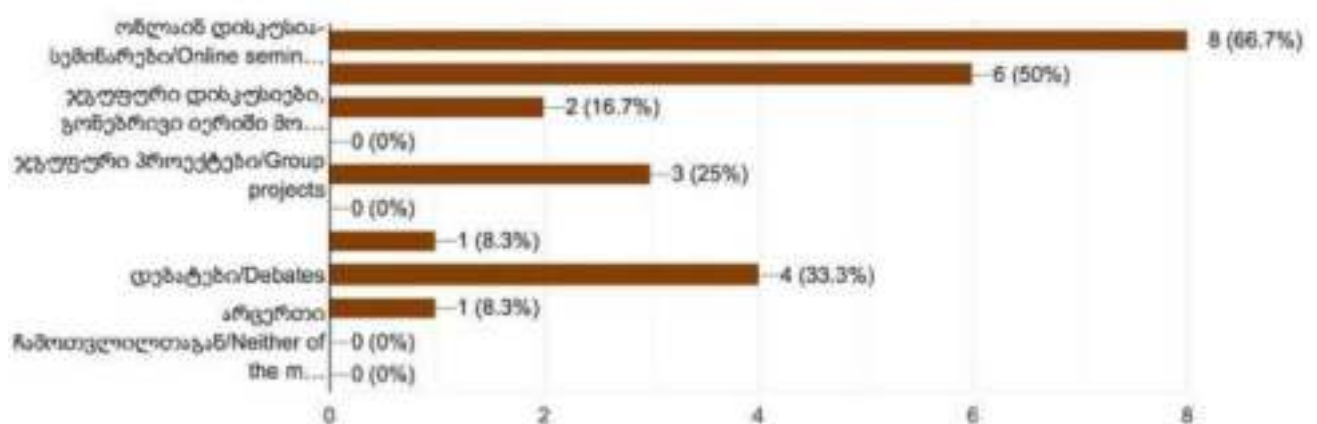12 responses

- 1
- 2
- 3
- 4
- 5

83.3%

16.7%

Eight Question:

"In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)".

This type of the question clearly shows the result which is the best by the students' opinion:

8. თქვენი აზრით, აქტიური და ინოვაციური მეთოდებიდან რომელი არის ყველაზე ეფექტური სწავლებისათვის (მონიშნეთ ყველა შესაd...ial (please, mark all the relevant options) *

12 responses

ონლაინ დისკუსია-სემინარები/Online semin...	8 (66.7%)
	6 (50%)
ჯგუფური დისკუსიები, გონებრივი იერიში მო...	2 (16.7%)
	0 (0%)
ჯგუფური პროექტები/Group projects	3 (25%)
	0 (0%)
	1 (8.3%)
დებატები/Debates	4 (33.3%)
არცერთი	1 (8.3%)
ჩამოთვლილთაგან/Neither of the m...	0 (0%)
	0 (0%)

Ninth Question:

Most of them agree that the course was:

- Useful;
- Interesting;
- Motivating;
- Engaging;
- Necessary.

9. შეაფასეთ სასწავლო კურსი, თუ რამდენად სასარგებლო იყო თქვენთვის(მონიშნეთ ყველა შესაძლო ვარიანტი)/Please, evaluate how the...ou in general (mark all the relevant options) *

12 responses

- ● სასარგებლო/Useful
- ● საინტერესო/Interesting
- ● მოტივაციური/Motivating
- ● ჩართული/Engaging
- ● საჭირო/Necessary
- ● რთულად გასაგები/Difficult to unde...
- ● მოსაწყენი/Boring
- ● უსარგებლო/Useless

△ 1/2 ▼

Tenth Question:

The question if they would like to be held the other courses in the same way, with the application of similar methods and approaches, most of them (83, 8 %) absolutely agreed.

10. ისურვებდით თუ არა სხვა კურსების ჩატარებას მსგავსი მეთოდებისა და მიდგომების გამოყენებით? Would you like your other courses t...pplication of similar methods and approaches? *

12 responses

- რა თქმა უნდა, დიახ/Definitely yes
- უფრო მეტია, დიახ/More likely, yes
- სავარაუდოდ, არა/More likely, no
- ნამდვილად, არა/ Definitely no
- რთულია პასუხის გაცემა/ It is hard to answer

83.3% 16.7%

Eleventh Question:

"Please, mention what changes you would like to see within the frame of the course in the respect of making it more efficient, active and interesting".

In this question, students indicated some different answers, which I have written here unchanged:

- So far I don't see the need to make changes, online lectures are always conducted properly, with the equal involvement of the lecturer and the students, everyone is free to express their opinion and speak boldly around the topic. An interesting process comes out for everyone;
- I have no remarks with the mentioned lecturer. I am satisfied with the performance and I like this course led by her;
- I would not change;
- Fully meets student requirements.
- Nothing;
- I don't see the need to make a change
- I would add individual projects more often
- I introduced the online system, because all this showed us how interesting and productive online workshops are.
- It would be nice to have a more practical look at this exercise and a spot view
- Everything is acceptable and does not need to be added;
- I held meetings with wine companies;

Subject courses with innovative T&L methods (elements) delivered to students

in Fall 2019 and/or Spring 2020

Name of the PC University: Georgian Technical University

Trainer: Natia Kochladze

**THE REPORT OF THE STUDENTS' COURSE EVALUATION**

Survey Results

After applying innovative and advanced T & L technologies to my subject courses, a survey was conducted in which 26 students took part. Here are the results of this survey.

The name of the course. **Theoretical and practical principles of interior design**

კურსის დასახელება/The name of the course
26 responses
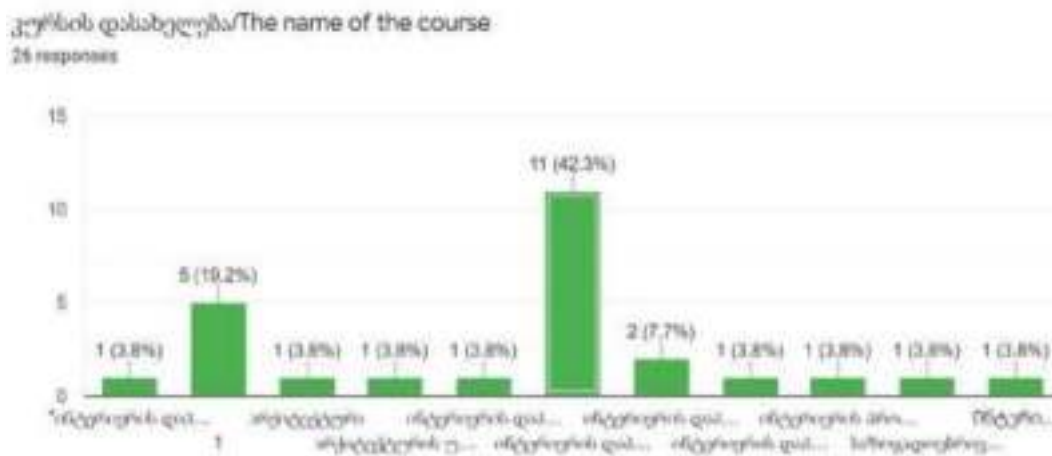
The name, surname of the lecturer - Natia Kochladze

ლექტორის სახელი და გვარი/The name, surname of the lecturer
26 responses
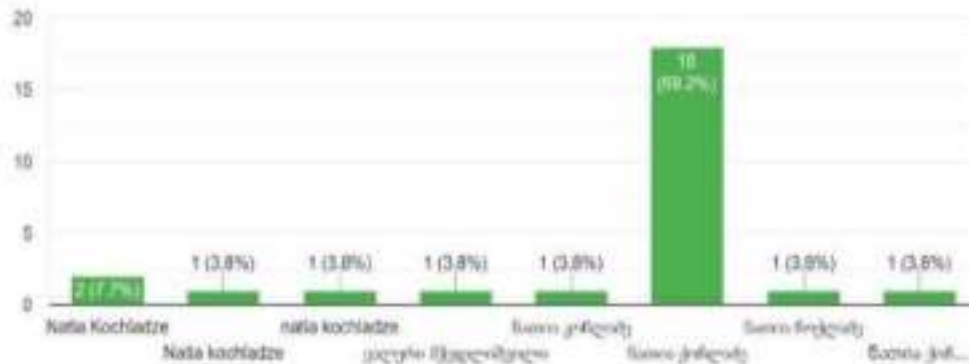
All participants, except one wrote Natia Kochladze as a lecturer.

The name of the program - Architecture

სასწავლო პროგრამის სახელი/The name of the educational program
26 responses
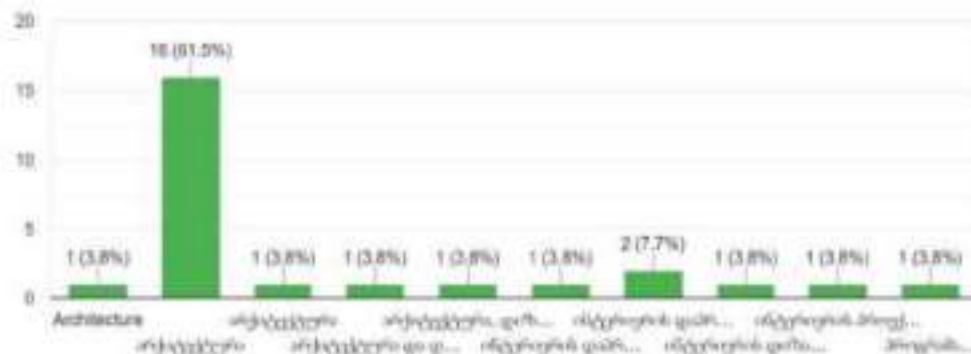
Instead, some of the respondents wrote the name of the faculty.

First question:

Please mark how the process of the course was going in general.

Most students believe that both the lecturer and student participation were equally confident in the course.

Second question:

Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (5 – absolutely agree, 1 – absolutely disagree)

Third question:

Please mark to what extent you agree with the following statement. "Students' participation and involvement/engagement in the course was encouraged" (5 – absolutely agree, 1 – absolutely disagree)

3. რამდენად ეთანხმებით მსჯელობას "სტუდენტთა ჩართულობა და მონაწილეობა სასწავლო პროცესში წახალისდა" (5 – სრულებით ვეთანხმები, 1 ...(5 – absolutely agree, 1 – absolutely disagree)
26 responses

Forth question:

How often were active and innovative methods of teaching and learning applied during the course?

4. რამდენად ხშირად იქნა გამოყენებული სასწავლო პროცესში აქტიური და ინოვაციური მეთოდები?/How often were active and innovative ...eaching and learning applied during the course?
26 responses

- ყოველთვის/Always
- ხშირად/Frequently
- იშვიათად/Seldom
- არასდროს/Never

Fifth question:

Please rate on a 5-point scale the lecturer's application of active and innovative approaches to the course delivery (5 – the highest point, 1 – the lowest point)
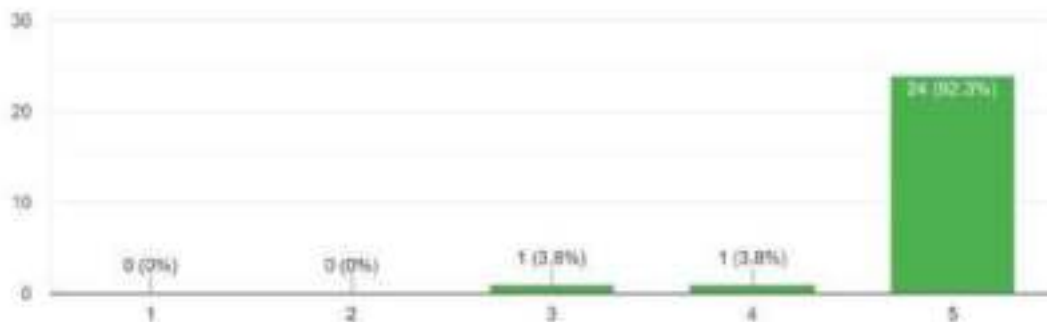

Sixth question:

Please rate on a 5-point scale the efficiency of communication between the lecturer and the audience (5 – the highest point, 1 – the lowest point)

Seventh question:

Please mark to what extent you agree with the following statement. "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future" (5 – absolutely agree, 1 – absolutely disagree)
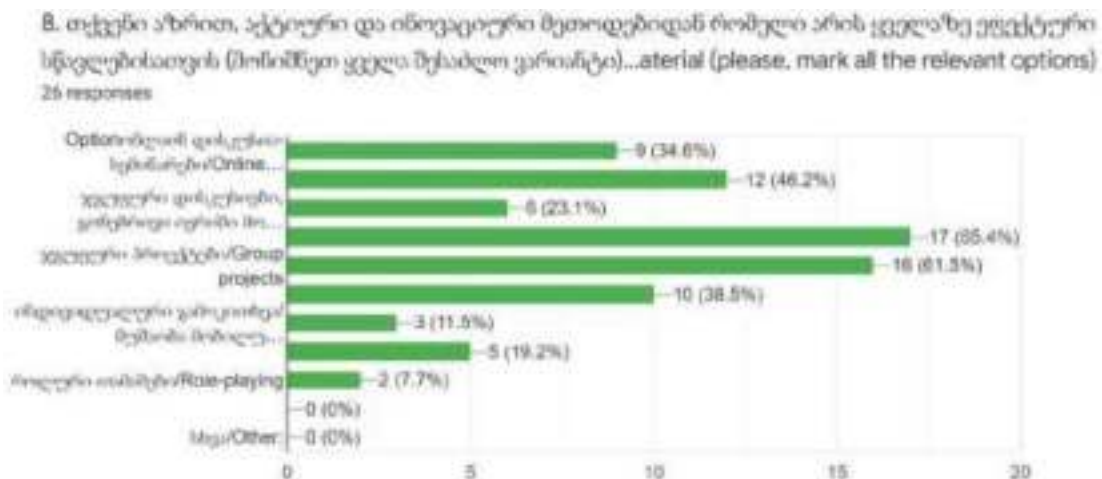
7. რამდენად ეთანხმებით შემდეგს: "სასწავლო კურსის დასრულების შემდგომ, მე მივიღე გუნდური მუშაობის და თანამშრომლობის უნარები, რო... (5 – the highest point, 1 – the lowest point)
26 responses
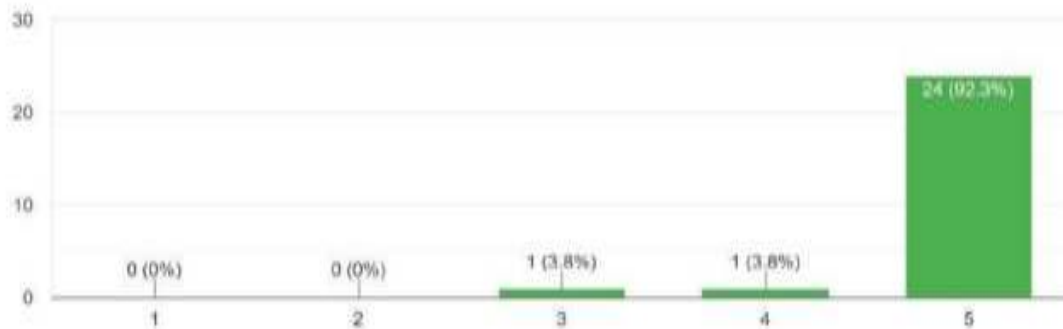
Eighth question:

In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)

Online seminar-discussions -34.4%; Group discussions, brainstorming -46.2%;
Group discussions, brainstorming with the application of mobile phones -23.1%; Individual projects - 65.4%; Group projects - 61.5%; Individual surveys/works -38.5%; Individual surveys/works with the application of mobile phones -11.5%; Debates -19.2%; Role-playing -7.7%.

8. თქვენი აზრით, აქტიური და ინოვაციური მეთოდებიდან რომელი არის ყველაზე ეფექტური სწავლებისათვის (მონიშნეთ ყველა შესაბამი ვარიანტი)...aterial (please, mark all the relevant options)
26 responses

Ninth question:

Please, evaluate how the course was useful for you in general (mark all the relevant options)
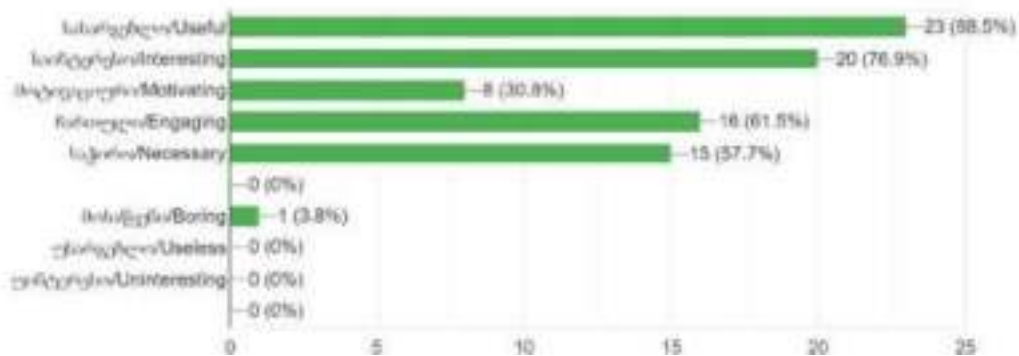
Tenth question:

Would you like your other courses to be held in the same way, with the application of similar methods and approaches?

Eleventh question:

Please, mention what changes you would like to see within the frame of the course in the respect of making it more efficient, active and interesting.

Students' answers show their point of view how the course should be changed:

- I would invent an easy software program that would be accessible to students.

- Good luck.

- I would like to get access to each other's work, because observing another project is an experience, in addition, when we see each other's work, we understand how much ahead or behind we are and it helps to motivate us.

   (I want to clarify that students see others' work during zoom meetings, they can't see works uploaded to the e-learning platform.)

- I wouldn't change anything.

- Various active games and competitions around this topic.

- It would be good to encourage more software knowledge.

- The emergence of more initiatives directly by students would make the course much more diverse and interesting.

Subject courses with innovative T&L methods (elements) delivered to students in Fall 2019 and/or Spring 2020

Name of the PC University:	*Georgian Technical University*

Trainer: Dali Sekhniashvili

THE REPORT OF THE STUDENTS' COURSE EVALUATION

Survey Results

"Students' evaluation of the course with an active and innovative component survey" was the result of my T&L methods (elements) using in front of the audience. In this survey participated 22 students, filled and submitted the course evaluation survey. Here is the diagram where it is clearly shown the next:

The Name of the Course: **Internet Economics**

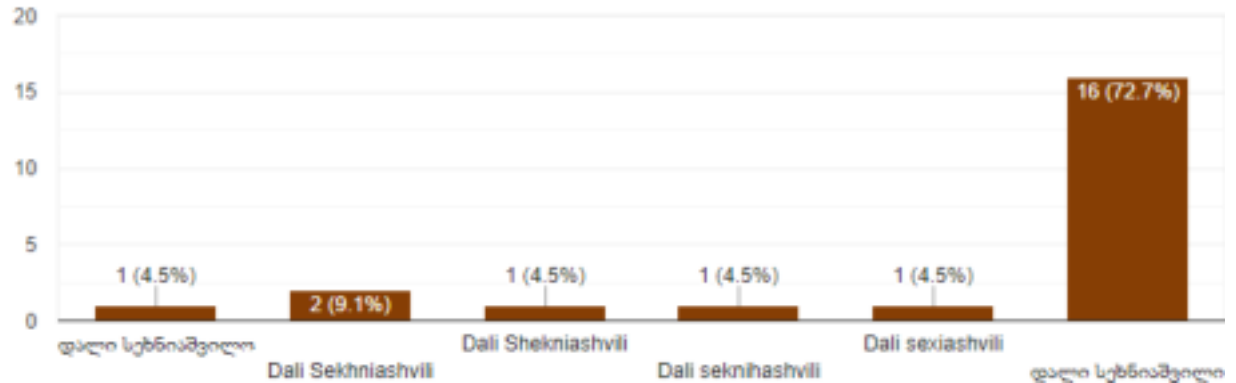კურსის დასახელება/The name of the course

22 responses
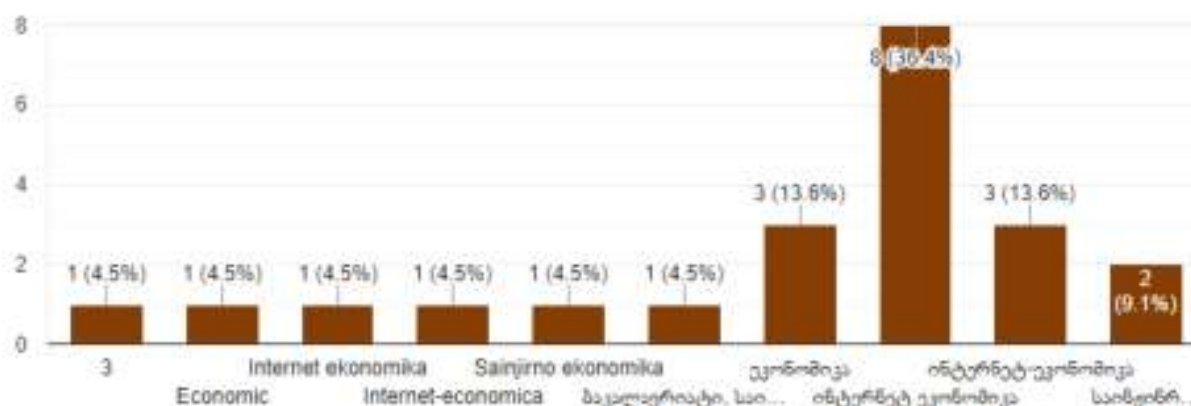
The name, surname of the lecturer: Dali Sekhniashvili

ლექტორის სახელი და გვარი/The name, surname of the lecturer

22 responses

First Question:
Most of them agreed that both the lecturer and students' involvement was equally assured during the course.

1. აღწერეთ, როგორ მიმდიინარეობს სასწავლო კურსის პროცესი?/Please mark how the process of the course was going in general.

22 responses

- ლექტორის მონოლოგი, სტუდენტთა ჩართულობის გარეშე/In the form of 1...
- ლექტორის ჩართულობა უფრო მეტია, ვიდრე სტუდენტების/With a greater...
- ლექტორისა და სტუდენტების ჩართულობა თანაბარია სასწავლო პ...
- ლექტორის ჩართულობა უმნიშვნელ...
- მხოლოდ სტუდენტები არიან ჩართუ...
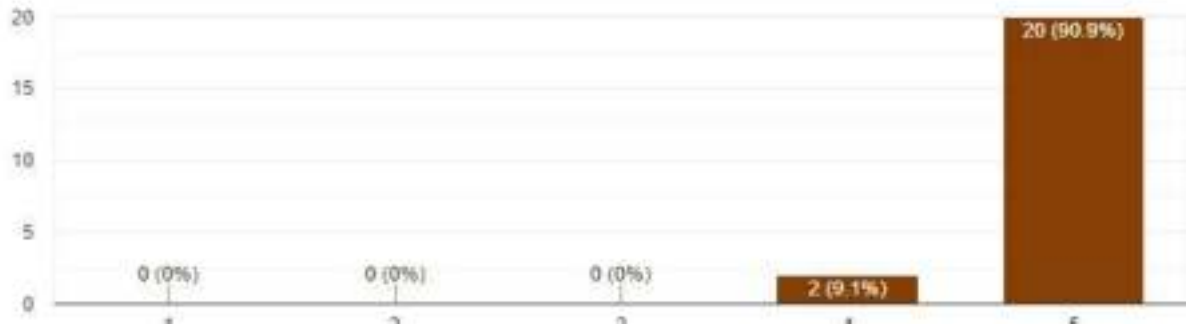- რთულია პასუხის გაცემა/ It is hard to...
- სხვა/Other:

Second Question:

"Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (5 – absolutely agree, 1 – absolutely disagree)"

Most of them agreed the statement: "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning"

2. რამდენად ეთანხმებით შემდეგს: "სასწავლო პროცესში სწავლისა და სწავლების გამოყენებულმა მეთოდებმა გამოიწვია თემისადმი ინტერესი და ჩემი სწავლის წახალისება" (5 - სრულებით ვეთანხმები, 1 - საერთოდ არ ვეთანხმები)/Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (5 – absolutely agree, 1 – absolutely disagree)

22 responses

Third Question:

19 of the students absolutely agreed the statement: ""Students' participation and involvement/engagement in the course was encouraged" and only 3 of them just agreed.

3. რამდენად ეთანხმებით შემდეგს: "სტუდენტთა ჩართულობა და მონაწილეობა სასწავლო პროცესში წახალისდა" (5 - სრულებით ვეთანხმები, 1 - საერთოდ არ ვეთანხმები)/Please mark to what extent you agree with the following statement. "Students' participation and involvement/engagement in the course was encouraged" (5 – absolutely agree, 1 – absolutely disagree)

22 responses
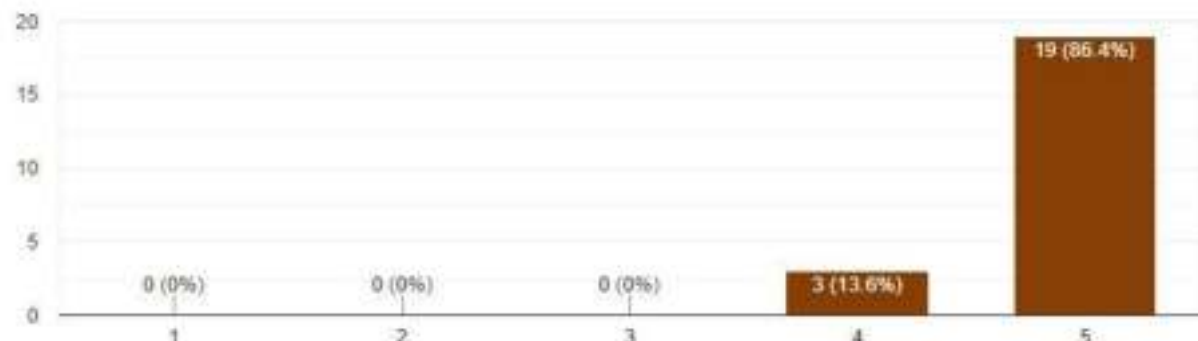
Forth Question:

54.5 % of them agreed that always were applied the active and innovative methods during the course, 45.5% of them agreed – frequently.

4. რამდენად ხშირად იქნა გამოყენებული სასწავლო პროცესში აქტიური და ინოვაციური მეთოდები?/How often were active and innovative methods of teaching and learning applied during the course?

22 responses

- ყოველთვის/Always
- ხშირად/Frequently
- იშვიათად/Seldom
- არასდროს/Never

Fifth Question:

21 of them agreed that the lecturer uses very often the active and innovative methods and 1 of them agreed that lecturer uses often the active and innovative methods.

5. გთხოვთ, შეაფასეთ 5-ქულიანი შკალით ლექტორის აქტიური და ინოვაციური მეთოდების გამოყენება სასწავლო კურსის პროცესში(5- უმაღლესი ქულა, 1 - ყველაზე დაბალი ქულა)/ Please rate on a 5-point scale the lecturer's application of active and innovative approaches to the course delivery (5 – the highest point, 1 – the lowest point)

22 responses
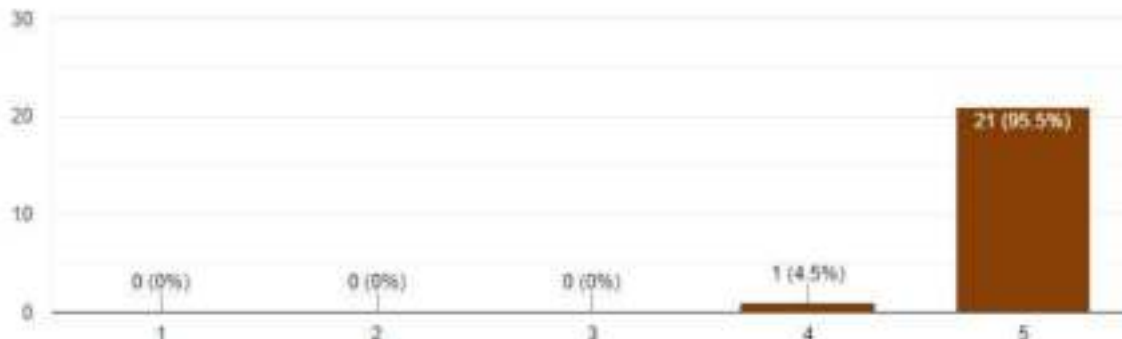
Sixth Question:

Please rate on a 5-point scale the efficiency of communication between the lecturer and the audience (5 – the highest point, 1 – the lowest point)

19 of them rated the efficiency of communication between the lecturer and the audience on a 5 - the highest point and 3 of them rated on a 4 point.

6. შეაფასეთ 5-ქულიანი შკალით ლექტორსა და აუდიტორიას შორის კომუნიკაცია (5-უმაღლესი ქულა, 1 - ყველაზე დაბალი ქულა)/ Please rate on a 5-point scale the efficiency of communication between the lecturer and the audience (5 – the highest point, 1 – the lowest point)

22 responses
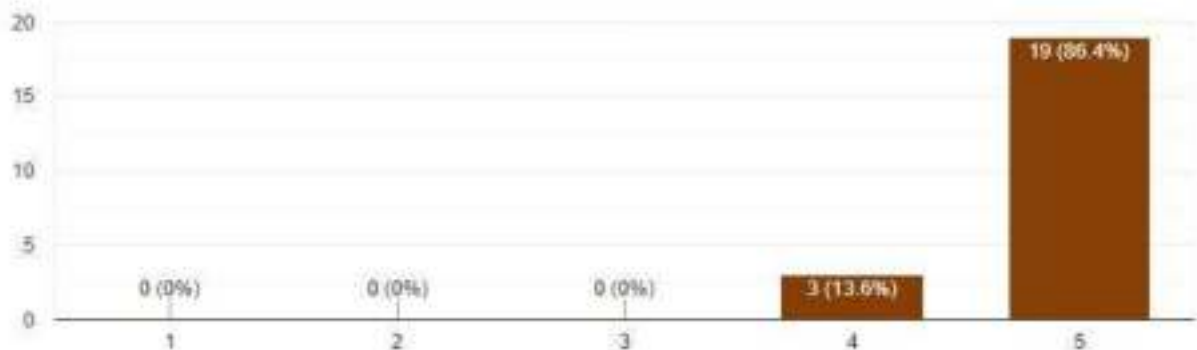
Seventh Question:

"Please mark to what extent you agree with the following statement. "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future" (5 – absolutely agree, 1 – absolutely disagree)".

18 of them absolutely agree the statement and 4 of them agree.

7. რამდენად ეთანხმებით შემდეგს: "სასწავლო კურსის დასრულების შემდეგ, მე მივიღე გუნდური მუშაობის და თანამშრომლობის უნარები, რომელთაც გამოყენებას შევძლებ მომავალში "(5- უმაღლესი ქულა, 1 - ყველაზე დაბალი ქულა)/ Please mark to what extent you agree with the following statement. "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future" (5 – absolutely agree, 1 – absolutely disagree)

22 responses
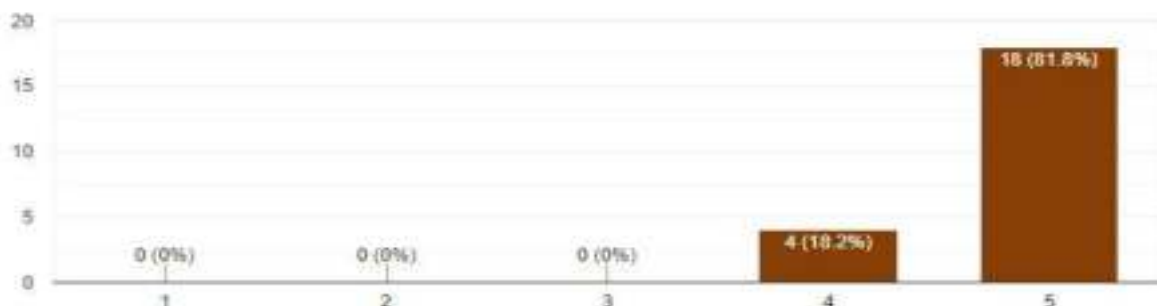
Eight Question:

"In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)".

This type of the question clearly shows the result, which is the best by the students' opinion:

-        Online seminars – 40.9 %
-        Group discussions – 50 %
-        Group Projects – 50 %
-        Debates – 63.3 %
-        Role-Playing – 22.7 %

8. თქვენი აზრით, აქტიური და ინოვაციური მეთოდებიდან რომელი არის ყველაზე ეფექტური სწავლებისათვის (მონიშნეთ ყველა შესაბამი ვარიანტი)/In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)
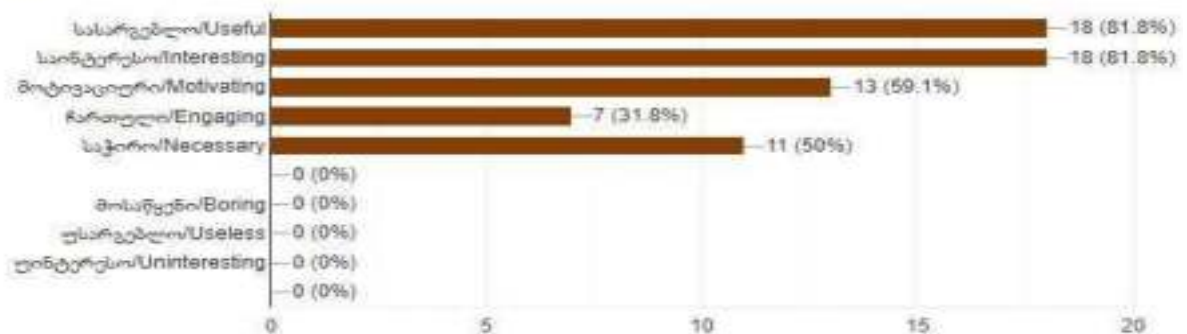
22 responses
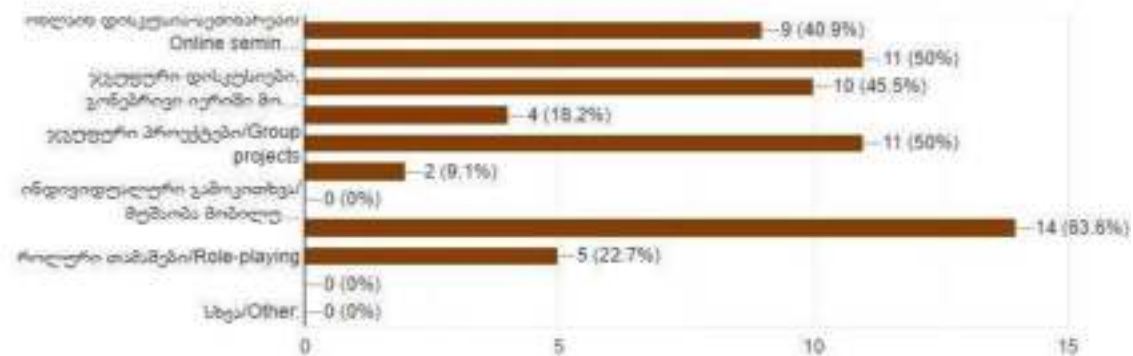
Ninth Question:

Most of them agree that the course was:
-        Useful – 81.8%;
-        Interesting – 81.8 %;
-        Motivating – 59.1 %;
-        Engaging – 31.8 %;
-        Necessary – 50 %.

9. შეაფასეთ სასწავლო კურსი, თუ რამდენად სასარგებლო იყო თქვენთვის(მონიშნეთ ყველა შესაბამო ვარიანტი)/Please, evaluate how the course was useful for you in general (mark all the relevant options)

22 responses

Tenth Question:

The question if they would like to be held the other courses in the same way, with the application of similar methods and approaches, most of them (77.3 %) absolutely agreed.

10. ისურვებდით თუ არა სხვა კურსების ჩატარებას მსგავსი მეთოდებისა და მიდგომების გამოყენებით? Would you like your other courses to be held in the same way, with the application of similar methods and approaches?

22 responses
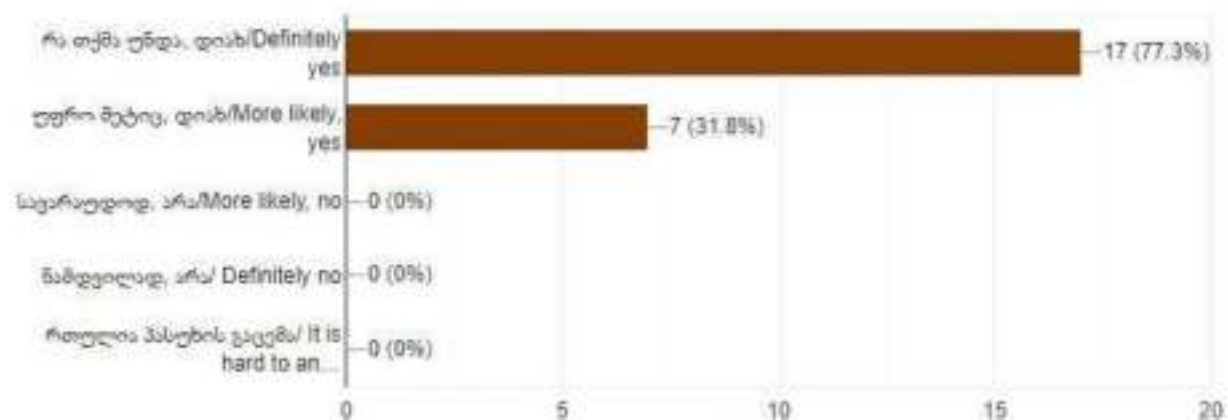
Eleventh Question:

"Please, mention what changes you would like to see within the frame of the course in the respect of making it more efficient, active and interesting".

In this question, students indicated some different questions, which I have written here unchanged:

- I wouldn't change anything
- Thanks to Ms. Dali
- In many cases, students are unable to attend seminars or lectures due to work schedules. It will be better if these video lessons continue in the future
- I would not make any changes
- I would not make any changes
- Nothing because the lecturer does his best to teach u.
- It's so interesting that I wouldn't change anything
- Everything was very good
- Everything was very good
- It was very interesting, I have no remarks
- I am completely satisfied and I like his procession
- Thank you to the teacher Prof. Dali Sekhniashvili for interesting lectures
- Thanks to professor Dali Sekhniashvili
- I wouldn't change anything
- Adapting different roles is interesting for involving students as much as possible in the learning process.
- Nothing, the best lectures are going on
- Everything was acceptable
- I wouldn't make any changes
- There are active and quite effective lectures.
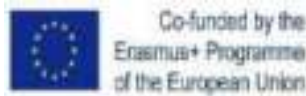
Subject courses with innovative T&L methods (elements) delivered to students in Fall 2019 and/or Spring 2020

 Name of the PC University: *Georgian Technical University*
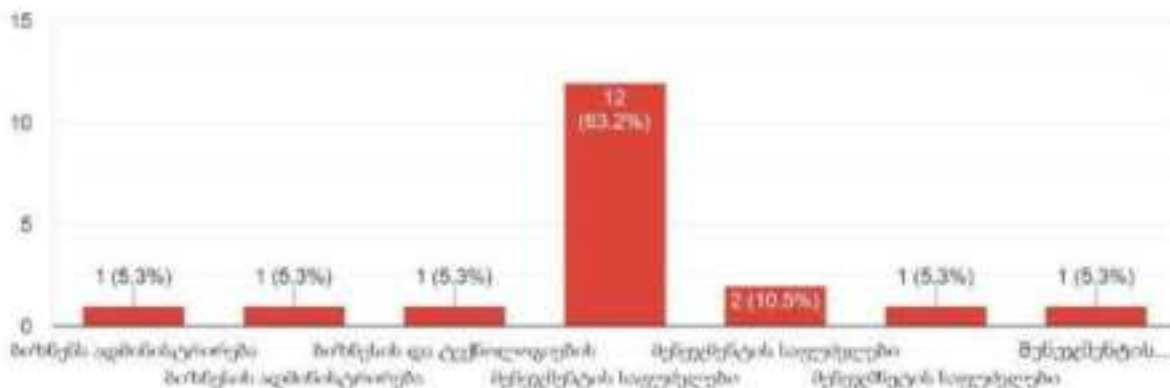**Trainer: Boris Gitolendia**

THE REPORT OF THE STUDENTS' COURSE EVALUATION

Survey Results

"Students' evaluation of the course with an active and innovative component survey" was the result of my T&L methods (elements) using in front of the audience. In this survey participated 19 students, filled and submitted the course evaluation survey. Here is the diagram where it is clearly shown the next:
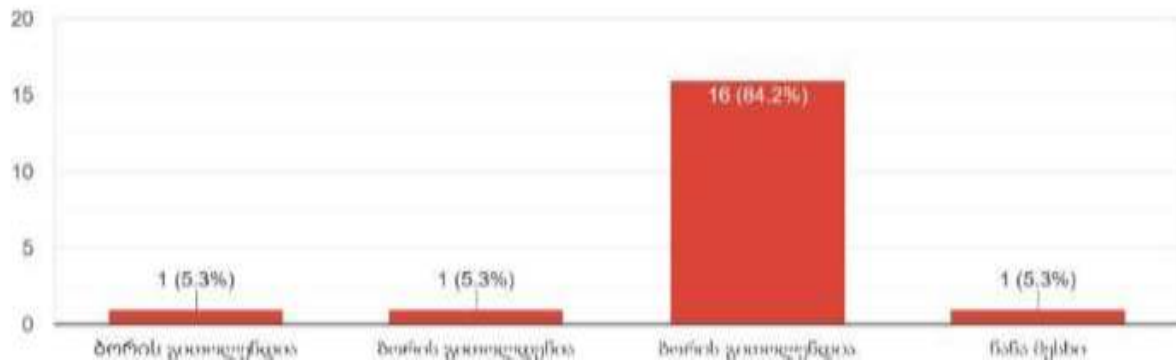
The Name of the Course: Fundamental of Management

The name, surname of the lecturer: Boris Gitolendia

ლექტორის სახელი და გვარი/The name, surname of the lecturer

19 responses

First Question:
Most of them agreed that both the lecturer and students' involvement was equally assured during the course.

1. აღნიშვეთ, როგორ მიმდინარეობს სასწავლო კურსის პროცესი?/Please mark how the process of the course was going in general.

19 responses

Second Question:

"Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (5 – absolutely agree, 1 – absolutely disagree)"
Most of them agreed the statement: "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning"


2. რამდენად ეთანხმებით შემდეგს: "სასწავლო პროექში სწავლისა და სწავლების გამომწვბევლია მეთოდებმა გამოიწვია თქმისადმი ინ...5 – absolutely agree, 1 – absolutely disagree)
19 responses
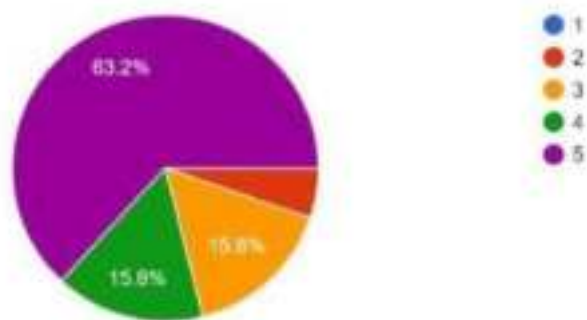
Third Question:

Most of the students absolutely agreed the statement: ""Students' participation and involvement/engagement in the course was encouraged" and only some of them just agreed.


3. რამდენად ეთანხმებით შემდეგს: "სტუდენტთა ჩართულობა და მონაწილეობა სასწავლო პროექში წახალისდა" (5 – სრულიად ვეთანხმები, 1 ... (5 – absolutely agree, 1 – absolutely disagree)
19 responses
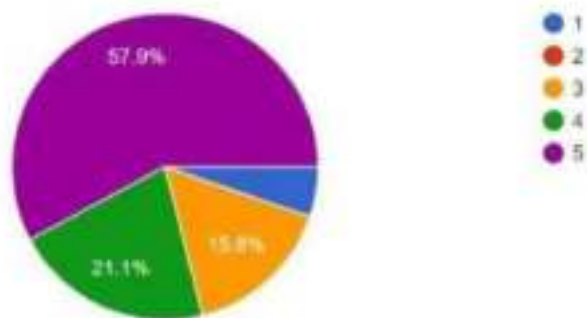
Forth Question:

62.2 % of them agreed that frequently were applied the active and innovative methods during the course, 26.3% of them agreed – always.

4. რამდენად ხშირად იქნა გამოყენებული სასწავლო პროცესში აქტიური და ინოვაციური მეთოდები?/How often were active and innovative m...aching and learning applied during the course?

19 responses

- ყოველთვის/Always
- ხშირად/Frequently
- იშვიათად/Seldom
- არასდროს/Never

63.2%
10.5%
26.3%
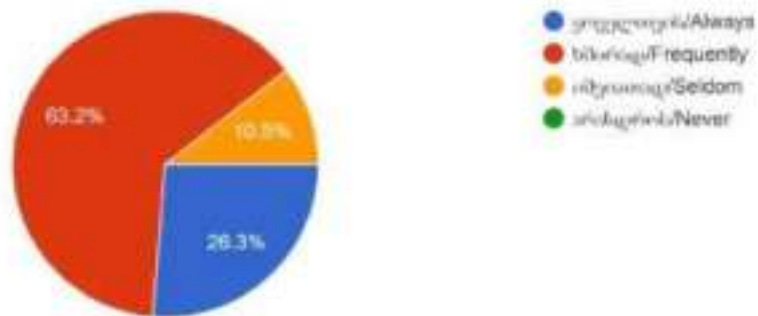
Fifth Question:

78.9% of them agreed that the lecturer uses very often the active and innovative methods and 21.1 % of them agreed that lecturer uses often the active and innovative methods.

5. გთხოვთ, შეაფასეთ 5-ბალიანი შკალით ლექტორის აქტიური და ინოვაციური მეთოდების გამოყენება სასწავლო კურსის პროცესში(5- უმაღლესი ...ry (5 – the highest point, 1 – the lowest point)

19 responses

- 1
- 2
- 3
- 4
- 5

78.9%
21.1%
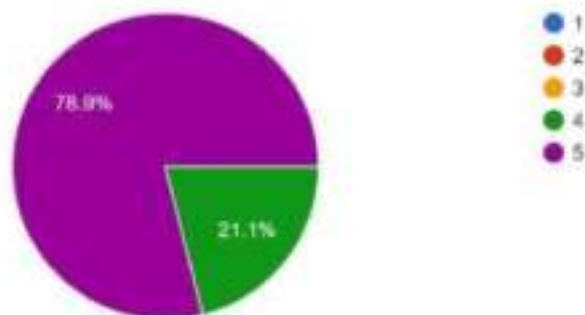
Sixth Question:

Please rate on a 5-point scale the efficiency of communication between the lecturer and the audience (5 – the highest point, 1 – the lowest point)

89.5% of them rated the efficiency of communication between the lecturer and the audience on a 5 - the highest point and 10.5% of them rated on a 4 point.

6. შეაფასეთ 5-ქულიანი შკალით ლექტორსა და აუდიტორიას შორის კომუნიკაცია (5- ყველაზე ქულა, 1 - ყველაზე დაბალი ქულა)/ Please rate on a 5...nce (5 – the highest point, 1 – the lowest point)
19 responses

- 1
- 2
- 3
- 4
- 5

89.5%
10.5%
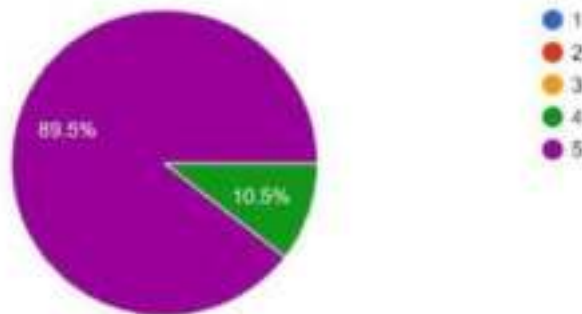
Seventh Question:

"Please mark to what extent you agree with the following statement. "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future" (5 – absolutely agree, 1 – absolutely disagree)".

78.9 of them absolutely agree the statement, and 4 of them agree.

7. რამდენად ეთანხმებით შემდეგს: "სასწავლო კურსის დასრულების შემდგომ, მე მივიღე გუნდური მუშაობის და თანამშრომლობის უნარები, რო... – absolutely agree, 1 – absolutely disagree)
19 responses

- 1
- 2
- 3
- 4
- 5

78.9%
10.5%
10.5%
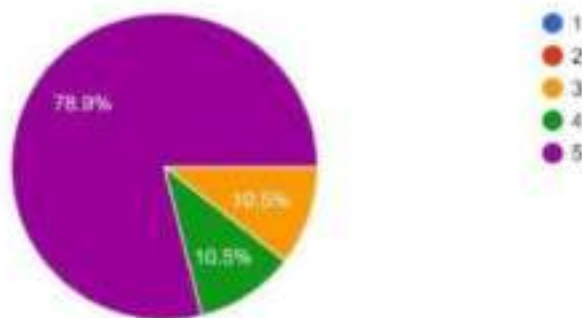
Eight Question:

"In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)".

This type of the question clearly shows the result, which is the best by the students' opinion:

- Group discussions – 21.1%
- Group Projects – 31.6%
- Debates –15.8%
- Others

8. თქვენი აზრით, აქტიური და ინოვაციური მეთოდებიდან რომელი არის ყველაზე ეფექტური სწავლებისათვის (მონიშეთ ყველა შესაძლო ვარიანტი)...aterial (please, mark all the relevant options)
19 responses
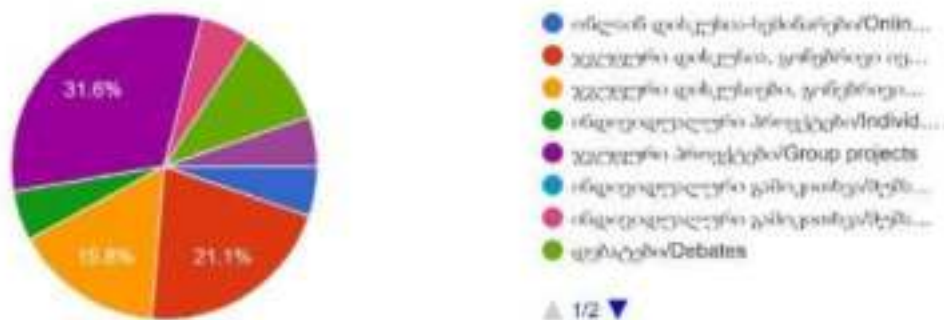
Ninth Question:

Most of them agree that the course was:
- Useful – 63.2%;
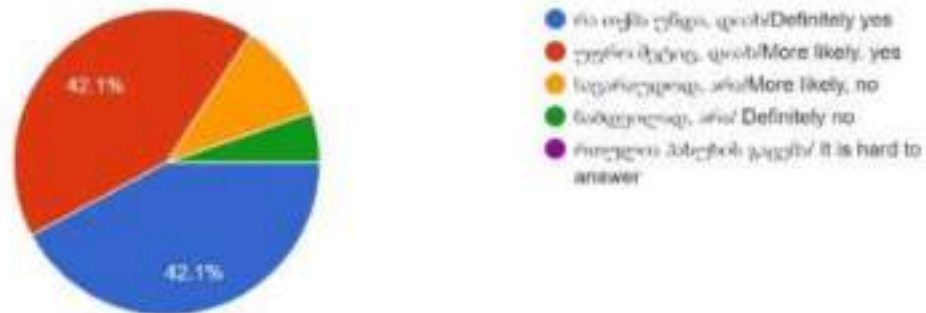- Interesting – 18.8%;
- Motivating – 10.5%;
- others

9. შეაფასეთ სასწავლო კურსი, თუ რამდენად სასარგებლო იყო თქვენთვის(მონიშეთ ყველა შესაძლო ვარიანტი)/Please, evaluate how the course ...or you in general (mark all the relevant options)
19 responses

Tenth Question:

The question if they would like to be held the other courses in the same way, with the application of similar methods and approaches, half of them (42.1 %) absolutely agreed and half of them agreed.

10. იყურებდით თუ არა სხვა კურსების ჩატარებას მსგავსი მეთოდების და მიდგომების გამოყენებით? Would you like your other courses t...e application of similar methods and approaches?
19 responses

- Definitely yes
- More likely, yes
- More likely, no
- Definitely no
- it is hard to answer

42.1%

42.1%

Eleventh Question:

"Please, mention what changes you would like to see within the frame of the course in the respect of making it more efficient, active and interesting".

In this question, students indicated some different questions, which I have written here unchanged:

- Nothing; I wouldn't change anything;
- I am disappointed that I have to attend only online lectures with Mr. Boris, I would be happy to attend his lectures in the auditory. He is one of the best lecturers and I think his students are also actively involved and the lecturer's work is effective and efficient;
- I would not make a change at this time;
- I wouldn't change anything;
- I wouldn't change anything;
- No;
- Promoting student engagement with their motivation;
- I would bring in more news, I would add to the debate;
- I don't know specifically;
- I wouldn't make any changes, I'm happy with everything;
- In my opinion it is both active and effective;
- I am saddened that I have to attend Mr. Boris's lectures remotely. Thank you very much Mr. Boris!
- I would increase the number of courses intensity;
- Online learning does not seem to be active with any changes;
- More practical work;
- I wish there were more online discussions;
- I wouldn't change anything;

Subject courses with innovative T&L methods (elements) delivered to students in Fall 2019 and/or Spring 2020

 Name of the PC University: *Georgian Technical University*
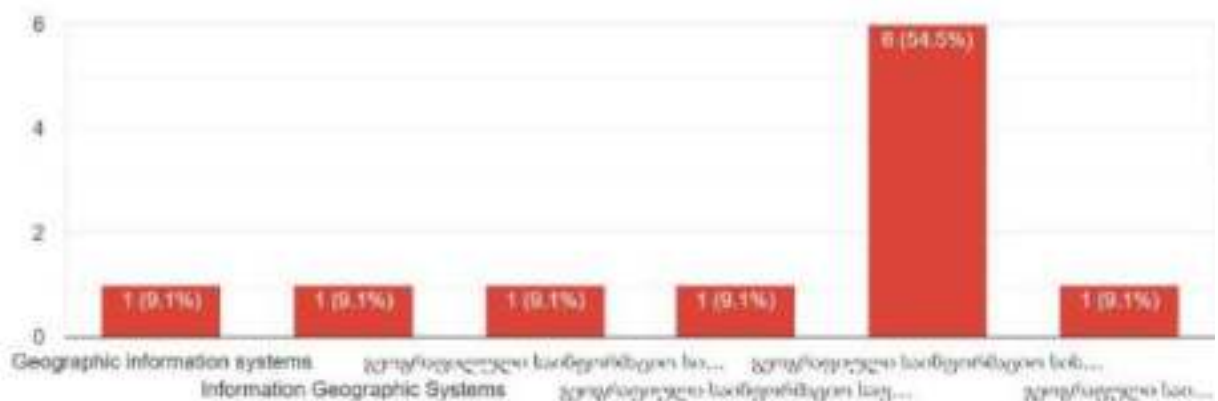**Trainer: Manuchar Shishinashvili**

THE REPORT OF THE STUDENTS' COURSE EVALUATION

Survey Results

"Students' evaluation of the course with an active and innovative component survey" was the result of my T&L methods (elements) using in front of the audience. In this survey participated 11 students, filled and submitted the course evaluation survey. Here is the diagram where it is clearly shown the next:
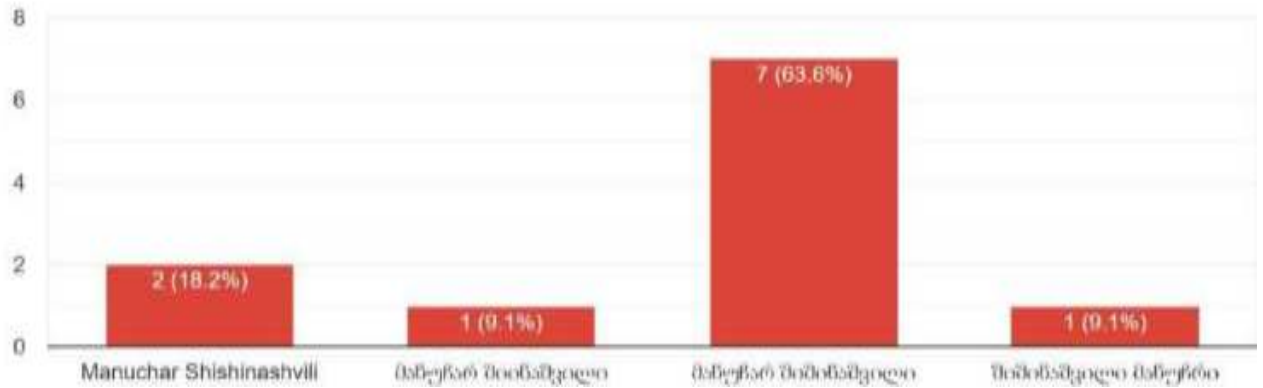
The Name of the Course: Geographic information systems

The name, surname of the lecturer: Manuchar Shishinashvili

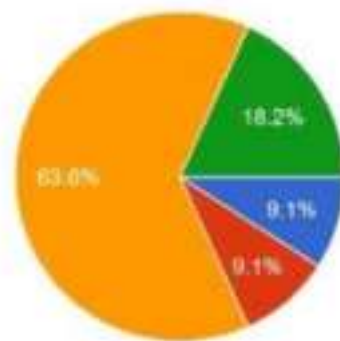ლექტორის სახელი და გვარი/The name, surname of the lecturer

11 responses

First Question:
Most of them (63.6%) agreed that both the lecturer and students' involvement was equally assured during the course.

1. აღნერეთ, როგორ მიმდინარეობს სასწავლო კურსის პროცესი?/Please mark how the process of the course was going in general.
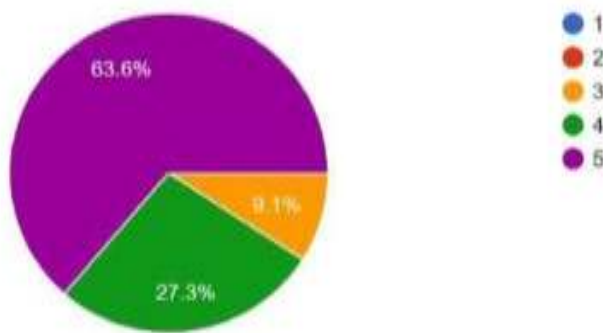
11 responses

Second Question:

"Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (5 – absolutely agree, 1 – absolutely disagree)"
Most of them agreed the statement: "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning"
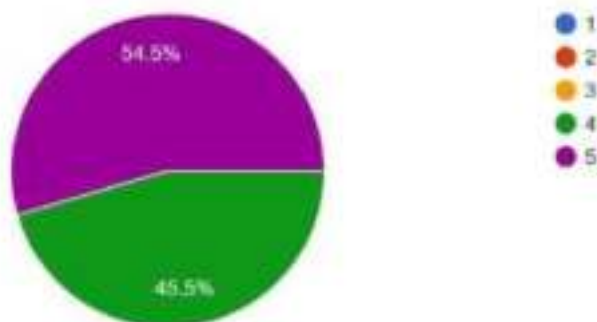
2. რამდენად ეთანხმებით შემდეგს: "სასწავლო პროცესში სწავლისა და სწავლების გამოყენებულმა მეთოდებმა გამოიწვია თემისადმი ინ...5 – absolutely agree, 1 – absolutely disagree)
11 responses

Third Question:

Most of the students absolutely agreed the statement: ""Students' participation and involvement/engagement in the course was encouraged" and only some of them just agreed.

3. რამდენად ეთანხმებით შემდეგს "სტუდენტთა ჩართულობა და მონაწილეობა სასწავლო პროცესში წახალისდა" (5 – სრულებით ვეთანხმები, 1... (5 – absolutely agree, 1 – absolutely disagree)
11 responses

Forth Question:

81.1 % of them agreed that frequently were applied the active and innovative methods during the course, 18.2% of them agreed – always.

4. რამდენად ხშირად იქნა გამოყენებული სასწავლო პროცესში აქტიური და ინოვაციური მეთოდები?/How often were active and innovative m...aching and learning applied during the course?
11 responses

- Always
- Frequently
- Seldom
- Never

81.8%
18.2%
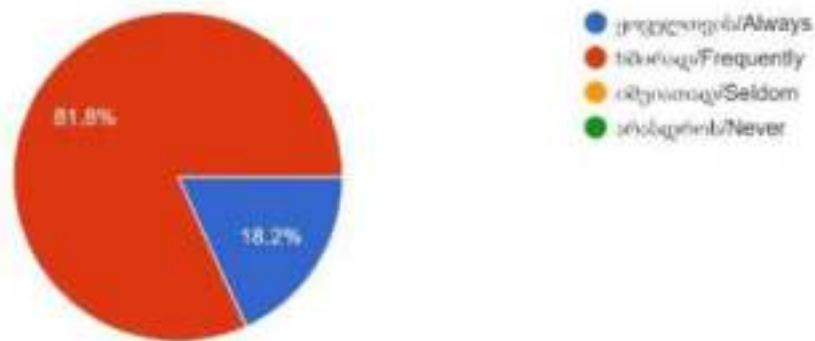
Fifth Question:

72.7% of them agreed that the lecturer uses very often the active and innovative methods and 27.3% of them agreed that lecturer uses often the active and innovative methods.

5. გთხოვთ, შეაფასეთ 5-ქულიანი შკალით დოქტორის აქტიური და ინოვაციური მეთოდების გამოყენება სასწავლო კურსის პროცესში(5- უმაღლესი ...ry (5 – the highest point. 1 – the lowest point)
11 responses

- 1
- 2
- 3
- 4
- 5

72.7%
27.3%
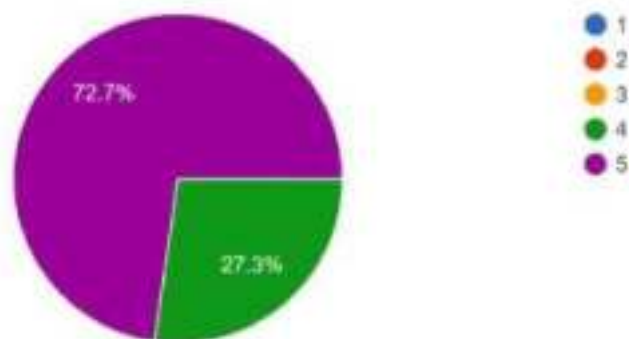
Sixth Question:

Please rate on a 5-point scale the efficiency of communication between the lecturer and the audience (5 – the highest point, 1 – the lowest point)

63.6% of them rated the efficiency of communication between the lecturer and the audience on a 5 - the highest point and 36.4% of them rated on a 4 point.

6. შეაფასეთ 5-ქულიანი შკალით ლექტორსა და აუდიტორიას შორის კომუნიკაცია (5- უმაღლესი ქულა, 1 - ყველაზე დაბალი ქულა)/ Please rate on a 5...nce (5 – the highest point, 1 – the lowest point)

11 responses
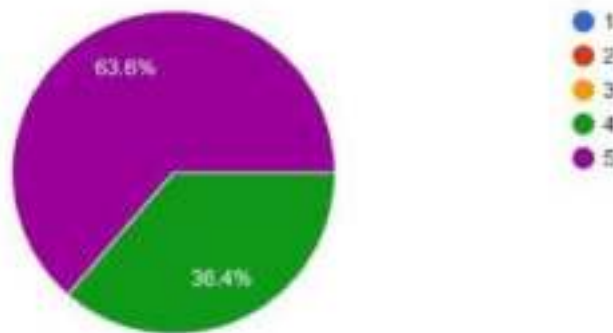
Seventh Question:

"Please mark to what extent you agree with the following statement. "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future" (5 – absolutely agree, 1 – absolutely disagree)".

72.7 of them absolutely agree the statement, and 27.3% of them agree.

7. რამდენად ეთანხმებით შემდეგს: "სასწავლო კურსის დასრულების შემდეგ, მე მივიღე გუნდური მუშაობის და თანამშრომლობის უნარები, რო... – absolutely agree, 1 – absolutely disagree)

11 responses
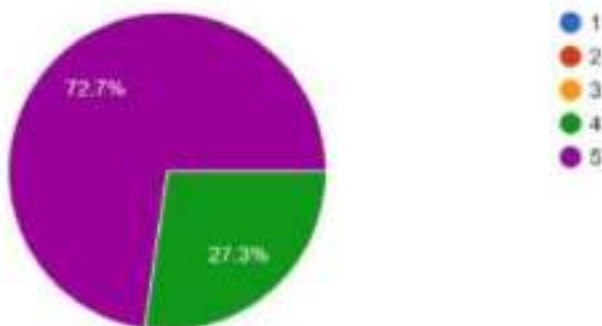
Eight Question:

"In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)".

This type of the question clearly shows the result, which is the best by the students' opinion:
- Group discussions/Brainstorming – 18.2%
- Online discussions – 18.2%
- Group Projects – 18.2%
- Individual projects – 18.2%
- Individual work – 9.1%
- Debates –15.8%
- Others

Ninth Question:

Most of them agree that the course was:
- Useful – 27.3%;
- Interesting – 45.5%;
- Motivating – 18.2%;
- Necessary – 9.1%

Tenth Question:

The question if they would like to be held the other courses in the same way, with the application of similar methods and approaches, half of them (42.1 %) absolutely agreed and half of them agreed.

10. იხურვებდით თუ არა სხვა კურსების ჩატარებას მსგავსი მეთოდების და მიდგომების გამოყენებით? Would you like your other courses t...e application of similar methods and approaches?
11 responses

- 🔵 ჩა ჩქ ...

/Definitely yes
- 🔴 ...

/More likely, yes
- 🟡 ...

/More likely, no
- 🟢 ...

/ Definitely no
- 🟣 ...

/ It is hard to answer

72.7%
27.3%

Eleventh Question:

"Please, mention what changes you would like to see within the frame of the course in the respect of making it more efficient, active and interesting".

In this question, students indicated some different questions, which I have written here unchanged:
- More teaching literature and Materials;
- Nothing; I wouldn't change anything;
- I would not make a change at this time;
- It would be better to schedule additional practical courses.
- I wouldn't change anything;
- Would be better to have more modern auxiliary equipment
- More practical works
- The course was led perfectly and I don't consider it is necessary to make any changes.
- Everything is good;
- More practical work;
- I wouldn't change anything;

**Subject courses with innovative T&L methods (elements) delivered to students in Fall 2019 and/or Spring 2020**

Name of the PC University: *Georgian Technical University*
Trainer: *Zaza Tsotniashvili*

## THE REPORT OF THE STUDENTS' COURSE EVALUATION

Survey Results

"Students' evaluation of the course with an active and innovative component survey" was the result of my T&L methods(elements) using in front of the audience. In this survey participated 9 students, filled and submitted the course evaluation survey. Here is the diagram where it is clearly shown the next:

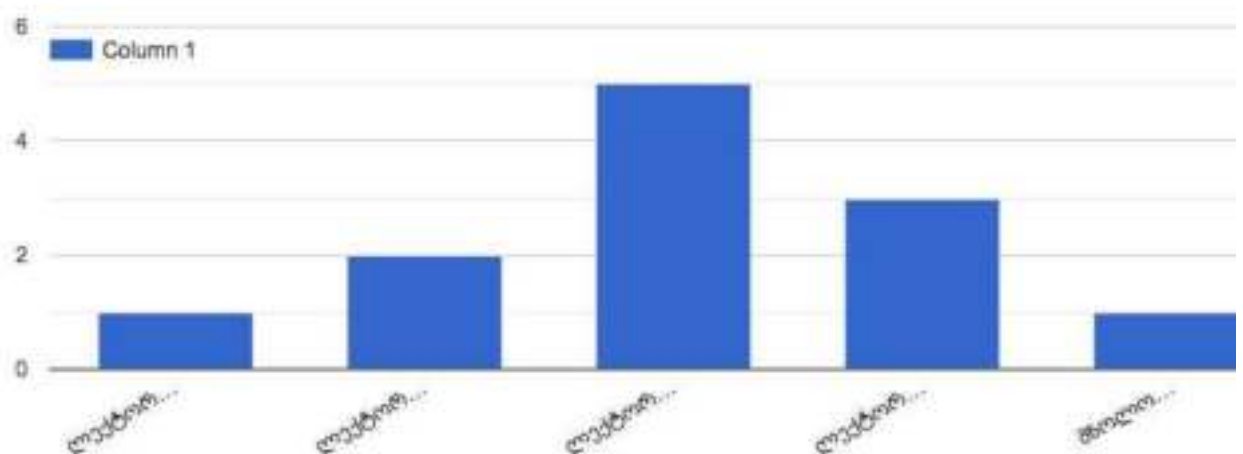The Name of the Course: Technology of Academic Writing
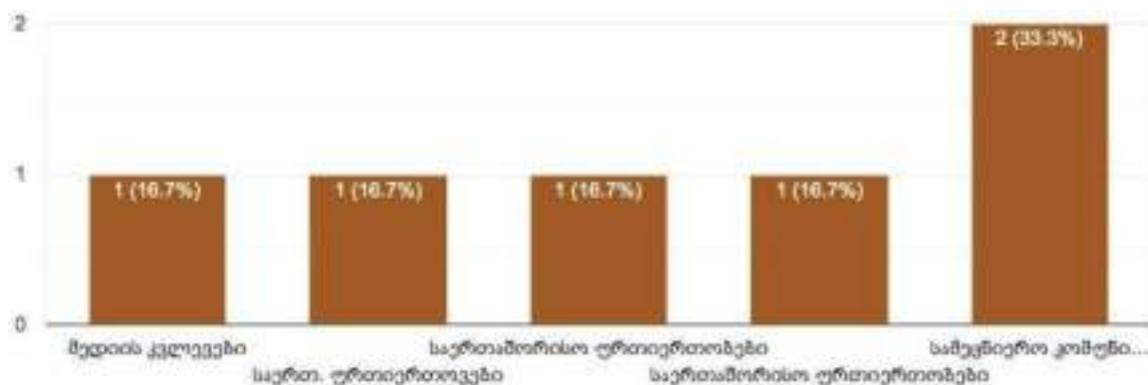
The name, surname of the lecturer: Zaza Tsotniashvili
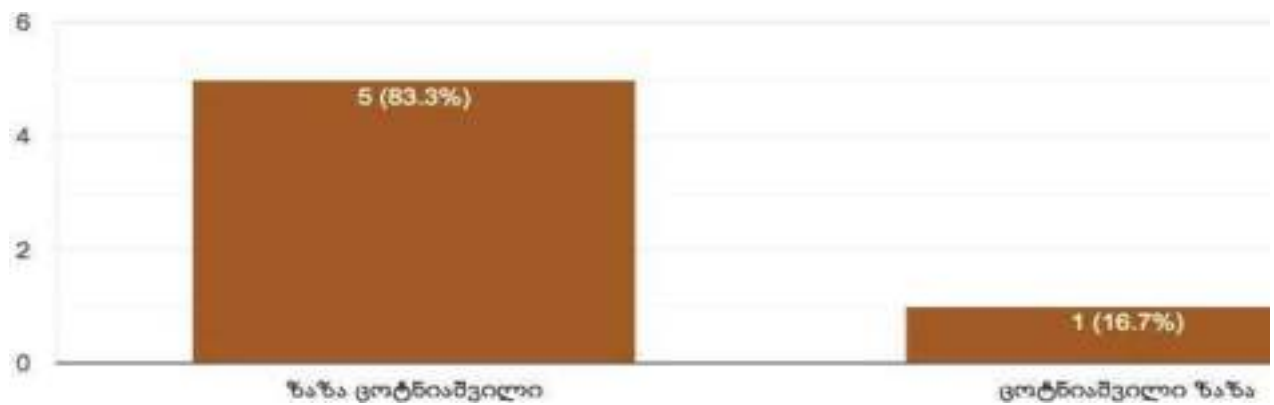
Most of them wrote as a lecturer Tamar Kupreishvili, others wrote the different lecturers.

First Question:

Most of them agreed that both the lecturer and students' involvement was equally assured during the course.
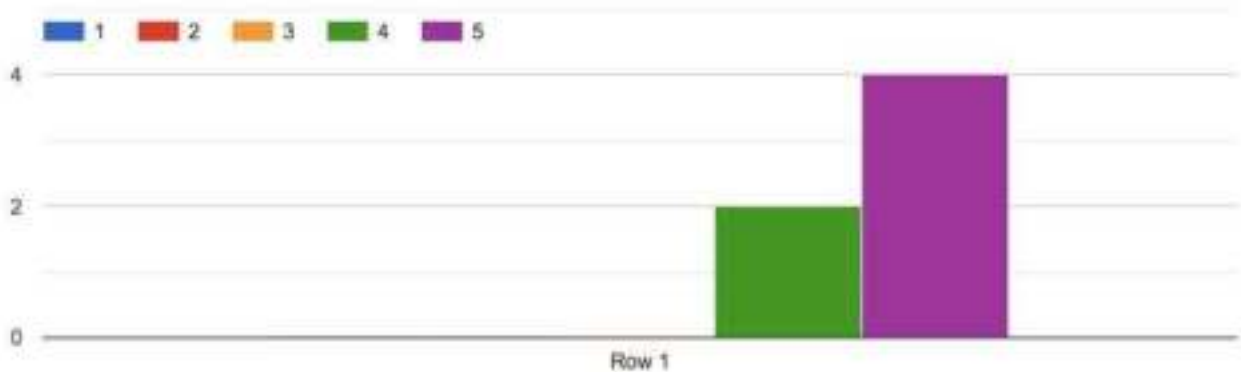
Second Question:

"Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (5 – absolutely agree, 1 – absolutely disagree)"

Most of them agreed the statement: "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning"

2. რამდენად ეთანხმებით შემდეგს: "სასწავლო პროცესში სწავლისა და სწავლების გამოყენებულმა მეთოდებმა გამოიწვია თემისადმი ინტერესი და ჩემი სწავლის წახალისება" (5 - სრულებით ვეთანხმები, 1 - საერთოდ არ ვეთანხმები)/Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (5 – absolutely agree, 1 – absolutely disagree)


Third Question:

80% of the students absolutely agreed the statement: ""Students' participation and involvement/engagement in the course was encouraged" and 10% of them just agreed. 10% of them wrote middle answer.

Forth Question

36.4 % of them agreed that frequently were applied the active and innovative methods during the course, 51,5 % of them agreed - Always, 12.1 of them agreed – Seldom.

4. რამდენად ხშირად იქნა გამოყენებ-ული სასწავლო პროცესში აქტიური და ინოვაციური მეთოდები?/How often were active and innovative methods of teaching and learning applied during the course?
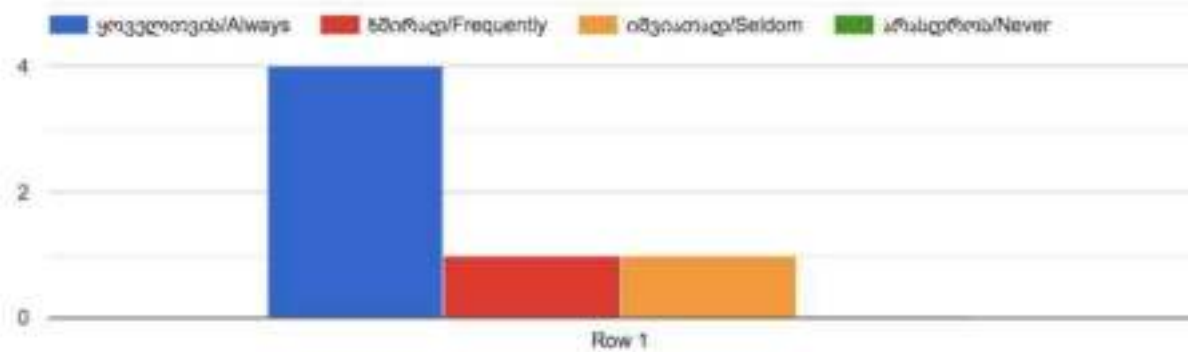
Fifth Question:

75% of them agreed that the lecturer uses very often the active and innovative methods, 10% of them agreed that lecturer uses often, 15% of them agreed that lecturer uses seldom.

6. შეაფასეთ 5-ქულიანი შკალით ლექტორსა და აუდიტორიას შორის კომუნიკაცია (5- უმაღლესი ქულა, 1 - ყველაზე დაბალი ქულა)/ Please rate on a 5-point scale the efficiency of communication between the lecturer and the audience (5 – the highest point, 1 – the lowest point)
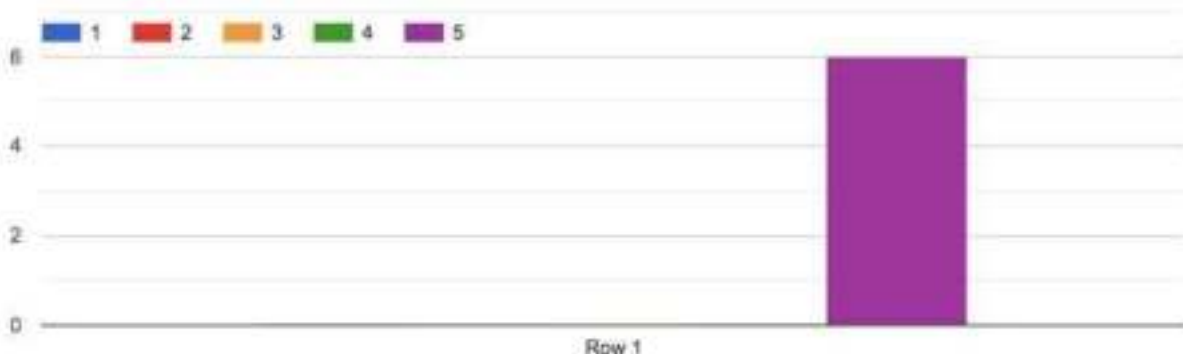
Seventh Question:

"Please mark to what extent you agree with the following statement. "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future" (5 – absolutely agree, 1 – absolutely disagree)".

40% of them absolutely agree the statement, 45 % of them agree and 15% of them – absolutely disagree.

Eight Question:

"In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)".

This type of the question clearly shows the result which is the best by the students' opinion:

- Online seminars - 42.9%
- Group discussions – 57.1%
- Group Projects – 57.1%
- Debates – 71.4%
-

8. თქვენი აზრით, აქტიური და ინოვაციური მეთოდებიდან რომელი არის ყველაზე ეფექტური სწავლებისათვის (მონიშნეთ ყველა შესაძლო ვარიანტი)/In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)
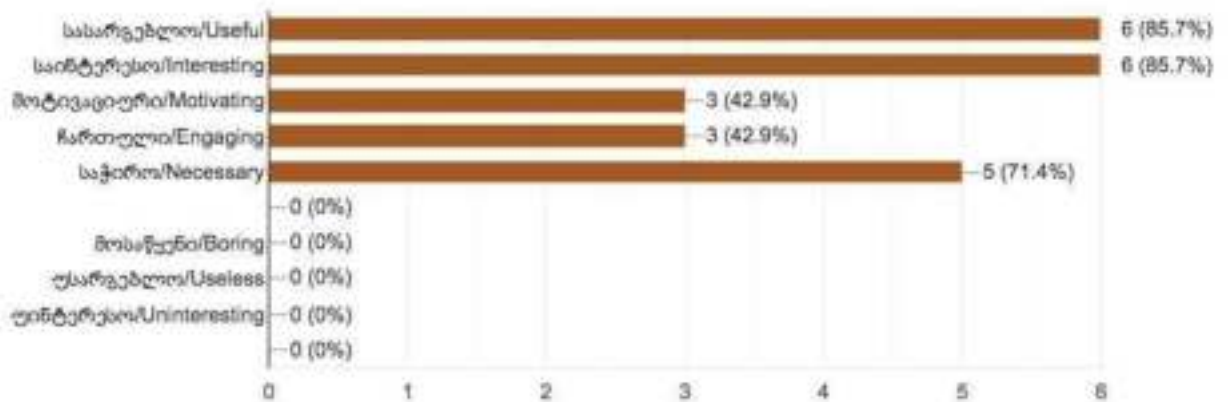
7 responses
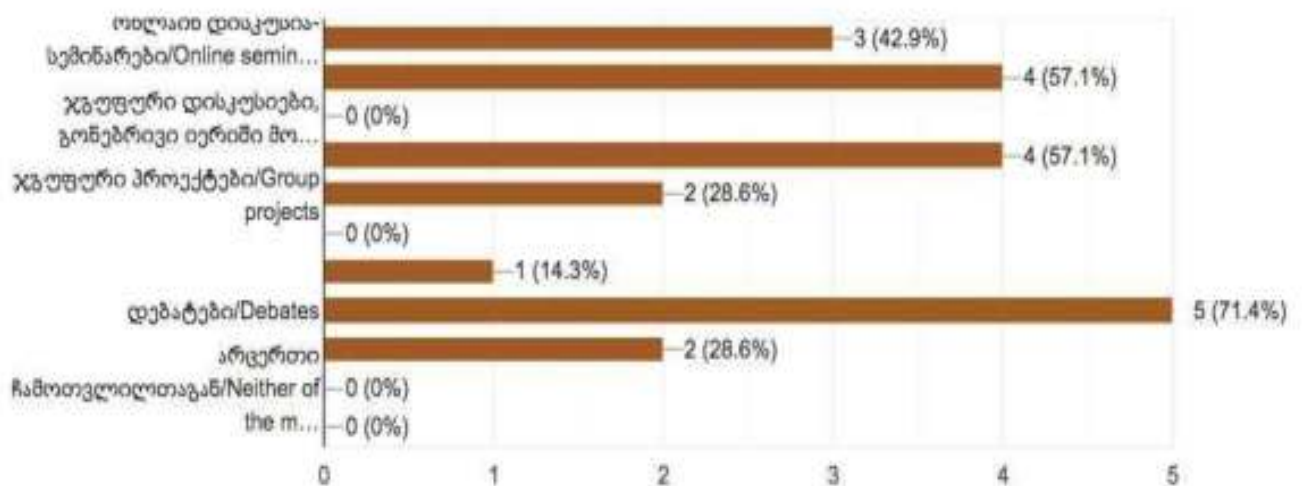
Ninth Question:

Most of them agree that the course was:

- Useful;
- Interesting;
- Motivating;
- Engaging;
- Necessary.

9. შეაფასეთ სასწავლო კურსი, თუ რამდენად სასარგებლო იყო თქვენთვის(მონიშნეთ ყველა შესაძლო ვარიანტი)/Please, evaluate how the course was useful for you in general (mark all the relevant options)

7 responses

Tenth Question:

The question if they would like to be held the other courses in the same way, with the application of similar methods and approaches, most of them (81, 8 %) absolutely agreed.

10. ისურვებდით თუ არა სხვა კურსების ჩატარებას მსგავსი მეთოდებისა და მიდგომების გამოყენებით? Would you like your other courses to be held in the same way, with the application of similar methods and approaches?

Eleventh Question:

"Please, mention what changes you would like to see within the frame of the course in the respect of making it more efficient, active and interesting".

In this question, students indicated some different questions, which I have written here unchanged:

-      There is a course that allows students to be actively involved in lectures and seminars, to get acquainted with additional material, and to understand it.

-      In this case too much depends on the student, if there is regular involvement from the student everything will be effective and active.

-      In my opinion, in this course, we may make some changes, and I am sure that the lecturer is constantly trying to update the methods because the student's interest will be more motivated and he/she will be more motivated. Based on my practice, this subject has been taught to me so thoroughly by the lecturers that I still remember the information given by the lecturer and each lecture-seminar held.

TEACHER TRAINING (TT) COURSE
IN FRAMESOF THE ERASMUS+ CBHE "PRINTEL" PROJECT
585760-EPP-1-2017-1-AM-EPPKA2-CBHE-JP
"CHANGE IN CLASSROOM: PROMOTING INNOVATIVE TEACHING & LEARNING TO ENHANCE STUDENT LEARNING EXPERIENCE IN EASTERN PARTNERSHIP COUNTRIES", PRINTeL

Subject courses with innovative T&L methods (elements) delivered to students in Fall 2019 and/or Spring 2020
Name of the PC University: *Georgian Technical University*
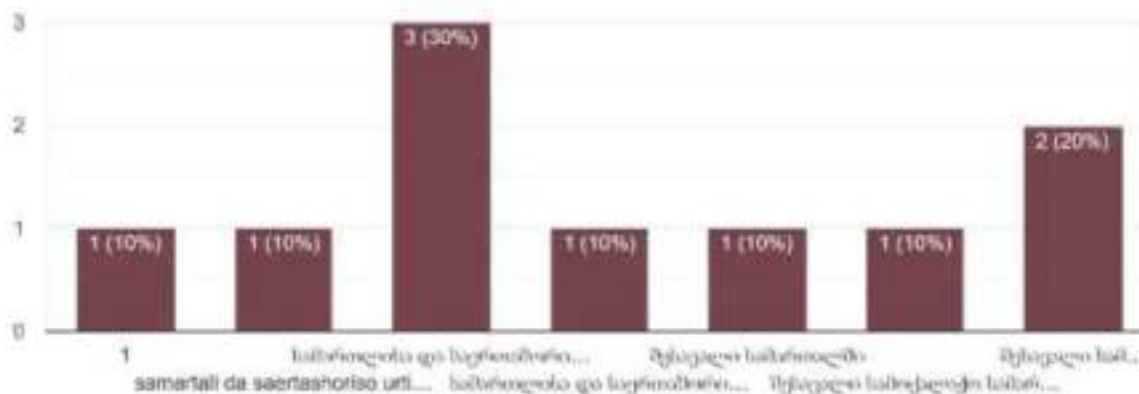**Trainer:** *Nino Kholuashvilii*
THE REPORT OF THE STUDENTS' COURSE EVALUATION

Survey Results

"Students' evaluation of the course with an active and innovative component survey" was the result of my T&L methods(elements) using in front of the audience. In this survey participated 10 students, filled and submitted the course evaluation survey. Here is the diagram where it is clearly shown the next:
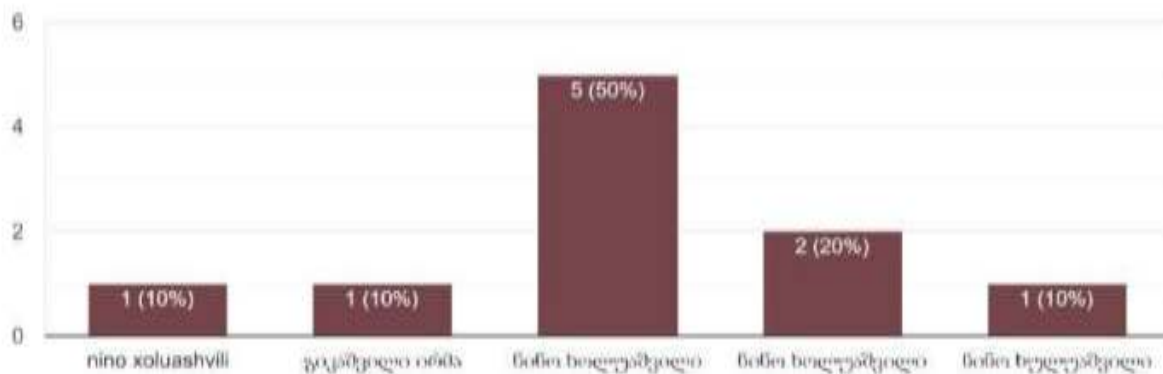
The Name of the Course: **Introdaction to Private Law**

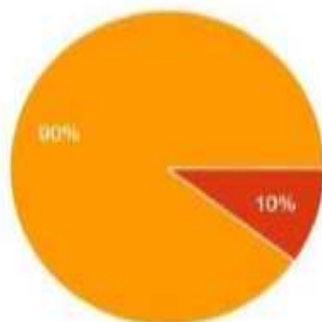ლექტორის სახელი და გვარი/The name, surname of the lecturer

10 responses

Most of them wrote as a lecturer Nino Kholuashvili.

First Question:

Most of them agreed that both the lecturer and students' involvement was equally assured during the course.

1. აღწერეთ, როგორ მიმდინარეობს სასწავლო კურსის პროცესი?/Please mark how the process of the course was going in general.

10 responses

Second Question:

"Please mark to what extent you agree with the following statement. "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" (4 – absolutely agree, 1 – just agree, and 5 wrote middle answer)"

Most of them agreed the statement: "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning"

2. რამდენად ეთანხმებით შეფასებს: "სასწავლო პროცესში სწავლისა და სწავლების გამოჩენილობა მეთოდების გამოიწვია თემისადმი ინ... – absolutely agree, 1 – absolutely disagree)

10 responses
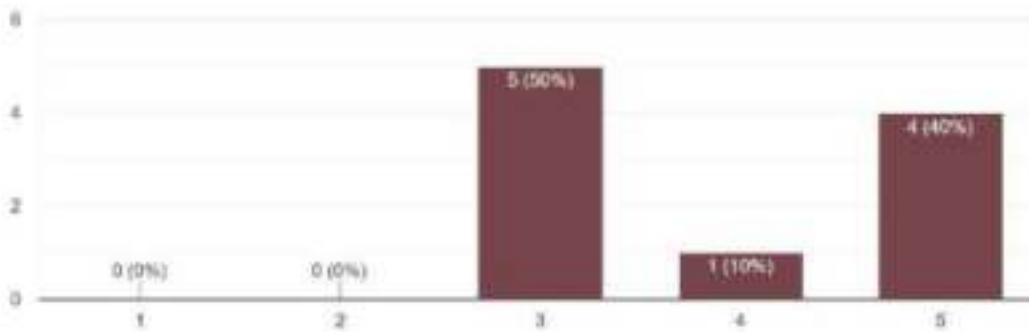
Third Question:
5 of the students absolutely agreed the statement: """Students' participation and involvement/engagement in the course was encouraged" and 1 of them just agreed, 5 of them wrote middle answer and .

3. რამდენად ეთანხმებით შეფასეგს: "სტუდენტთა ჩართულობა და მონაწილეობა სასწავლო პროცესში წახალისდა" (5 - სრულეგით ვეთანხმები, ...5 – absolutely agree, 1 – absolutely disagree)

10 responses
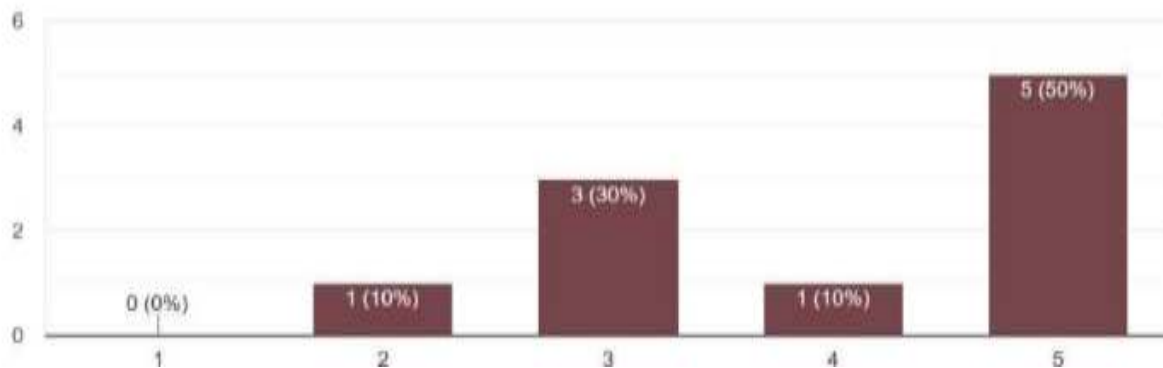
Forth Question: 20 % of them agreed that frequently were applied the active and innovative methods during the course, 50 % of them agreed - Always, 20 % of them agreed – Seldom and 10 % of them agreed - never.

4. რამდენად ხშირად იყო გამოჩენილი სასწავლო პროცესში აქტიური და ინოვაციური მეთოდები?/How often were active and innovative ...aching and learning applied during the course?
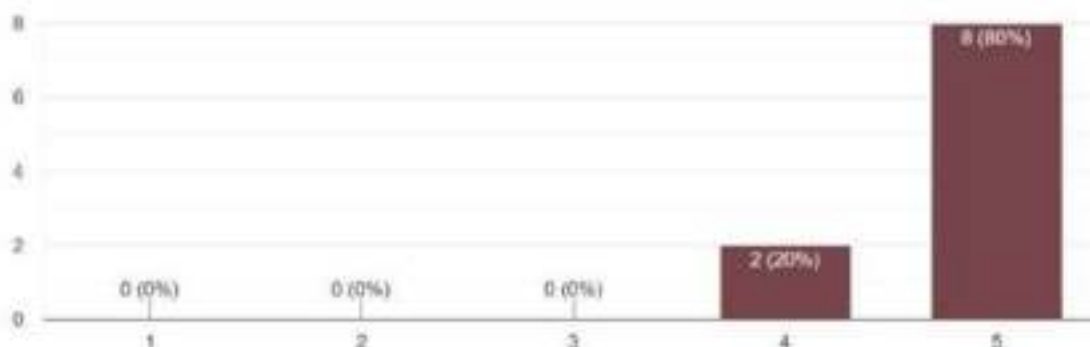
10 responses

Fifth Question:

8 of them agreed that the lecturer uses very often the active and innovative methods and 2 of them agreed that lecturer uses often.

Seventh Question:

"Please mark to what extent you agree with the following statement. "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future" (7 – absolutely agree, 4- just agree, 1 – absolutely disagree)".
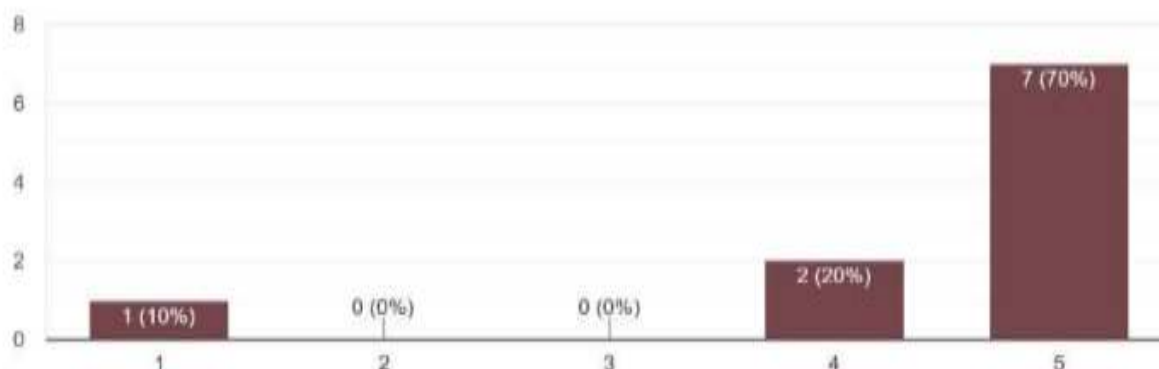
Eight Question:

"In your opinion, which of the active and innovative methods of learning mentioned below are useful for the acquisition of material (please, mark all the relevant options)".

This type of the question clearly shows the result which is the best by the students' opinion:

- Online seminars - 20%
- Group discussions – 40%
- Brainstormimg – 40 %
- Group Projects – 80%

- Role-Playing – 10%
- Other – 10%

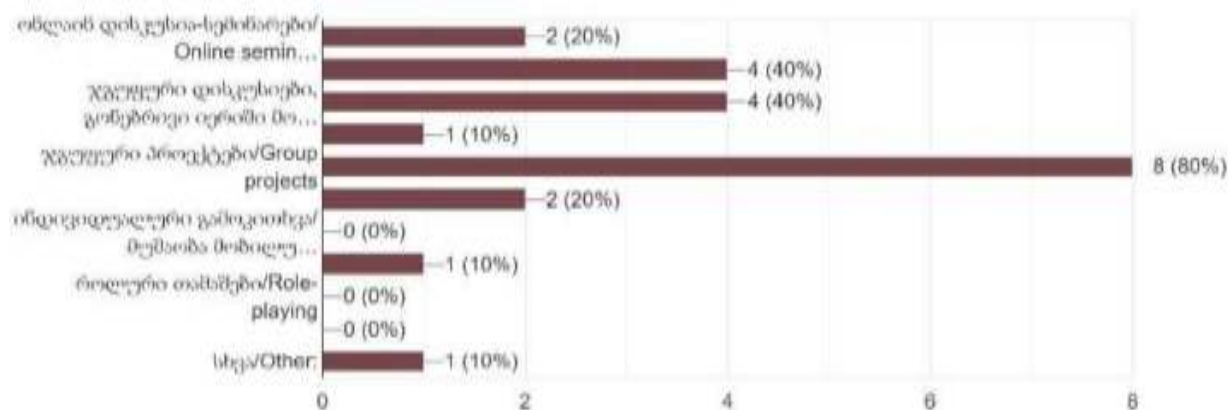8. თქვენი აზრით, აქტიური და ინოვაციური მეთოდებიდან რომელი არის ყველაზე ეფექტური სწავლებისთვის (მონიშნეთ ყველა შესაძლო ვარიანტ...terial (please, mark all the relevant options)
10 responses

Ninth Question:
Most of them agree that the course was:
- Interesting;
- Engaging;
- Necessary;
- Useful;
- Motivating.

9. შეაფასეთ სასწავლო კურსი, თუ რამდენად სასარგებლო იყო თქვენთვის(მონიშნეთ ყველა შესაძლო ვარიანტი)/Please, evaluate how the cours...r you in general (mark all the relevant options)
10 responses
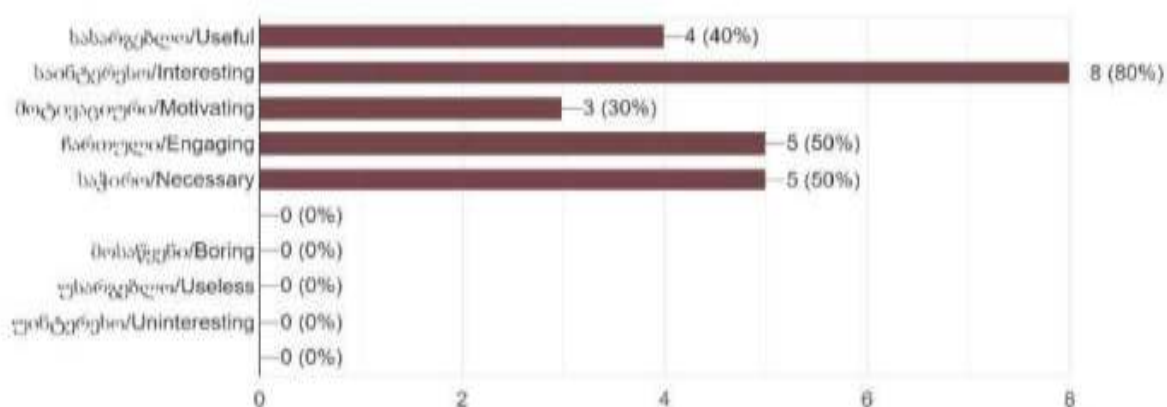
Tenth Question:
The question if they would like to be held the other courses in the same way, with the application of similar methods and approaches, most of them (60 %) absolutely agreed.

10. ისურვებდით თუ არა სხვა კურსების ჩატარებას მსგავსი მეთოდებისა და მიდგომების გამოყენებით? Would you like your other courses ...application of similar methods and approaches?

10 responses

- Definitely yes
- More likely, yes
- More likely, no
- Definitely no
- It is hard to answer

Eleventh Question:
"Please, mention what changes you would like to see within the frame of the course in the respect of making it more efficient, active and interesting".
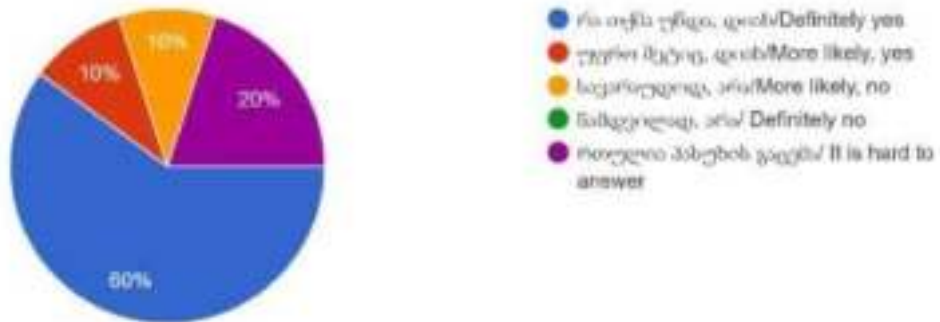In this question, students indicated some different questions, which I have written here unchanged:
- There is a course that allows students to be actively involved in lectures and seminars, to get acquainted with additional material, and to understand it.
- In this case too much depends on the student, if there is regular involvement from the student everything will be effective and active.
- I am happy with the new system so I would not change anything.
- I think the work of a lecturer and a student should be collaborative or auditory.

Conclusions and recommendations

Summing up the whole results of the surveys among GTU students provided within the framework of the PRINTeL project's objectives allows to draw the following general conclusions (without dividing into subgroups with different levels of priorities, which will be done later, having the results of all Consortium member universities).

1. In general, most of the students are agreed that:
    - Both the lecturers and students involvement are equally assured during the course;
    - The statement: "The teaching and learning methods applied during the course evoked interest towards the topic and encouraged my learning" is agreed by the students;
    - The students absolutely agreed with the statement: "Students' participation and involvement/engagement in the course was encouraged"
    - In general, most of the students agreed that the active and innovative methods were frequently applied during the course;
    - In general, up to 70% of students agreed that the lecturer uses the active and innovative methods very often;
    - More than 60% of students rated the efficiency of communication between the lecturer and the audience on a 5 - the highest point;
    - 70% of students absolutely agrees to the statement "As a result of the course I have gained team working and cooperation skills which I will be able to use in the future".

2. Based on the results of the surveys provided at GTU it can be mentioned that there is a quite high percentage of traditional teaching methods. At the same time there is a clearly identified tendency of using innovative and technology enhanced T&L methods, tools and technologies introduced already into the educational processes, especially when taking into account COVID-19 situation and its consequences in this regard. To come to final common conclusions on the existing needs and to develop common principles for achieving the main objectives of PRINTeL project, comparative analysis of the similarly processed results of the project consortium member universities' surveys is required.

3. Detailed information of Subject courses with innovative T&L methods (elements) delivered to students in Fall 2019 and/or Spring 2020 at GTU.

N	Name of the teacher	Department, position	Subject course delivered in Fall 2019 or Spring 2020	Innovative and technology enhanced T&L method applied	Number of students involved
1	Tamar Kupreishvili	Department of Politics, Assistant Professor	System Information of National Security	• Online lecture-seminars; • Group discussions by using mobile applications; • Online group projects; • Debates;	33
2	Darejan Tsutskiridze	Department of Archeology and History of Georgia, Assistant Professor	Georgian History; Georgian History and Culture	• Online lecture-seminars; • Using mobile applications; • Individual and group projects; • Group discussions.	23
3	Nikoloz Abzianidze	Department of Telecommunication, Associate Professor	Technology and Society	• Online lecture-seminars; • Group discussions by using mobile applications; • Online group projects; • Debates;	12
4.	Tamar Loladze	Department of Metallurgy, Metal Science and Metal Processing, Associate Professor	General Materials Science	• Online lectures; • Presentations; • Video simulations; • Group discussions using mobile applications.	11
5	Nino Chkhartishvili	Department of Viticulture and Eonology, Professor	Viticulture-winemaking management and wine marketing	• Online lecture-seminars; • Group discussions; • Projects and videos;	12
6	Natia Kochladze	Department of Interior and Design, Associate Professor	Theoretical and practical principles of interior	• Design Online lecture seminars; • Group discussions; • Individual projects; • Online quiz; • Computer applications	26
7	Dali Sekhniashvili	Department of Engineering Economics, Associate Professor	Internet Economics	• Online lecture-seminars; • Group discussions; • Debates, presentations; • Online group projects.	25

8	Boris Gitolendia	Department of Transportation and Mechanical Engineering Management, Associate Professor	Fundamentals of Management	• Online lecture-seminars; • Group discussions; • Group projects, Cases; • Computer applications; • Special educational platforms (E_Learning);	19
9	Manuchar Shishinashvili	Department of Roads, Associate Professor	Geographic Informations Systems	• Online lecture-seminars; • Group discussions; • Using mobile applications; • Using computer applications; • Individual and group projects.	11
10	Zaza Tsotniashvili	Department of Media Technology, Professor	Verbal and writing Communications	• Online lecture-seminars; • Group discussions; • Debates;	8
11	Nino Kholuashvili	Department of Law, Assistant Professor	Introduction to civil law	• Online lecture-seminars; • Group discussions; • Debates;	10
				Total number of students involved	**190**