Universitas Negeri Yogyakarta
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MONITORING AND EVALUATION REPORT AT THE BEGINNING OF EVEN SEMESTER OF THE ACADEMIC

YEAR 2021/2022

Quality Assurance Unit, Faculty of Engineering
Yogyakarta State University

THE REPORT OF THE EMONEV RESULT IN THE BEGINNING OF EVEN SEMESTER

FACULTY OF ENGINEERING

ACADEMIC YEAR 2021/2022

HOST

FACULTY OF ENGINEERING

YOGYAKARTA STATE UNIVERSITY

2022

VALIDITY SHEET

Title	:	The Report on the Emonev Result in the Beginning of Even Semester Faculty of Engineering Academic Year 2021/2022
Objective of Monev	:	Understanding the implementation of the PBM in the beginning of Even Semester for the Academic Year 2021/2022
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Faculty	:	Faculty of Engineering
Address	:	Karang Malang Campus, Jl. Colombo No.1, Karang Gayam, Caturtunggal, Kec. Depok, Sleman Regency, Special Region of Yogyakarta 55281
Compiler	:	Unit of Quality Assurance Faculty of Engineering, UNY

Yogyakarta, 4th April 2022

Approved by,

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PREFACE

Praise and gratitude are given to God Almighty for all His Grace and Blessings, so the Report on the Emonev Result in the Beginning of Even Semester Faculty of Engineering Academic Year 2021/2022 can be completed. The Report on the Emonev Result in the Beginning of Even Semester Faculty of Engineering Academic Year 2021/2022 is an activity of the Internal Quality Assurance System in order to complete accreditation documents for study Programmes within the Faculty of Engineering, UNY.

The Report on the Emonev Result in the Beginning of Even Semester Faculty of Engineering Academic Year 2021/2022 includes some respondents who have given inputs, have not filled in the instrument, monitor and evaluate the theoretical courses, monitor and evaluate the laboratory practical courses, monitor and evaluate the practical course in workshops, monitor and evaluate the preliminary assignment course and recommendations.

Therefore, on this occasion, we would like to express our deepest gratitude and highest appreciation to:

1. The Head and the Secretary of Institute of Educational Development and Quality Assurance (LPMPP) UNY who have facilitated and supported this activity.
2. The Higher Education Development Center which has facilitated and supported this activity.
3. The Dean, the Vice Dean, the Head of Study Programme along with staff who have helped to carry out this activity.
4. The Head of Unit of Quality Assurance Faculty of Engineering who has coordinated this activity.
5. The entire staff in Study Programmes of Quality Assurance which have compiled the Emonev report for each study Programme.
6. All parties who have helped to carry out the audit that we cannot mention one by one.

We hope the Emonev activities that have been carried out will be useful for the Faculty of Engineering (FT) and UNY in order to improve the Internal Quality Assurance System (SPMI).

Yogyakarta, 4th April 2021

Compiler,

Quality Assurance Unit FT UNY

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THE REPORT OF THE EMONEV RESUT IN THE BEGINNING OF EVEN SEMESTER

ACADEMIC YEAR 2021/2022

A. Number of Respondents Who Gives Input and Who Have Not Filled in the Instrument

1. Faculty of Engineering

Filling in the instrument was carried out on 21st -27th February 2022 by the Faculty of Engineering students, Yogyakarta State University. The Faculty of Engineering has 6 Departments, namely Department of Electronics Engineering Education (EEE), Department of Electronics Engineering Education and Information Technology (EEEIT), Department of Mechanical Engineering Education (MEE), Department of Automotive Engineering Education (AEE), Department of Civil Engineering and Education Planning (CEEP), and Department of Food and Clothing Engineering Education (FCEE).

Table 1 Number of Completed Questionnaires in the Faculty of Engineering

Filled in	88.81 %
Not filled in	11.19 %

The questionnaires on monitoring and evaluation gathered on the first week of lecture at Faculty of Engineering in UNY were about 88.81% and there were 11.19% had not filled in.

2. Bachelor of the Electronics Engineering Education (BoEEE) Study Programme & Bachelor of Information Technology (BoIT) Study Programme

The results of the filled questionnaire in the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme is presented in Table 2.

Table 2 Number of Completed Questionnaires at BoEEEIT

No	**Study Programme**	**Number of Completed Questionnaires**	
		Filled in	**Not Filled in**
1.	Bachelor of the Electronics Engineering Education (BoEEE)	86.22 %	13.78 %
2.	Bachelor of Information Technology (BoIT)	93.73 %	6.27 %

Table 2 shows the number of questionnaires of the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme, Faculty of Engineering in UNY. The lowest number of monitoring and evaluation questionnaires was obtained by the Master of Electronics and Informatics Engineering Study Programme by 72.48% during the first week of lectures and the highest number was reached by the Bachelor of Information Technology (BoIT) by 93.73%.

3. Bachelor of Mechanical Engineering Education Study Programme (BoMEE)

The results of the filled questionnaire in Bachelor of Mechanical Engineering Education Study Programme (BoMEE) – is presented in Table 3 below.

Table 3 Number of Completed Questionnaires at BoMEE

No	Study Programme	Number of Completed Questionnaires	
		Filled in	Not Filled in
1.	Bachelor of Mechanical Engineering Education	88.42 %	11.58 %

Table 3 shows the number of questionnaires of the Bachelor of Mechanical Engineering Education (BoMEE) Study Programme, Faculty of Engineering in UNY. The monitoring and evaluation questionnaires illustrate the reports on the first week of lectures around 88.42 % that have been filled in and 11.58 % questionnaires have not been filled in.

4. Bachelor of Automotive Engineering Education (BoAEE) Study Programme

The results of the filled questionnaire in Bachelor of Automotive Engineering Education (BoAEE) – is presented in Table 4 below.

Table 4 Number of Completed Questionnaires at BoAEE

No	Study Programme	Number of Completed Questionnaires	
		Filled in	Not Filled in
1.	Bachelor of Automotive Engineering Education	87.89 %	12.11%

Table 4 shows the number of questionnaires of the Bachelor of Automotive Engineering Education (BoAEE), Faculty of Engineering in UNY. The questionnaires on monitoring and evaluation gathered on the first week of lecture were about 87.89 % and there were 12.11 % had not filled in.

5. Bachelor of Civil Engineering Education and Planning (BoCEEP) Study Programme

The results of the filled questionnaire in Bachelor of Civil Engineering Education and Planning (BoCEEP) - is presented in Table 5 below.

Table 5 Number of Completed Questionnaires at BoCEEP

No	Study Programme	Number of Completed Questionnaires	
		Filled in	Not Filled in
1.	Bachelor of Civil Engineering Education and Planning (BoCEEP)	91.70 %	8.3 %

Table 5 shows the number of completed questionnaires of the Bachelor of Civil Engineering Education and Planning (BoCEEP), Faculty of Engineering in UNY. The questionnaires on monitoring and evaluation gathered on the first week of lecture were about 91.70 % and there were 8.3 % who had not filled in.

B. Monitoring and Evaluation of Theory Courses

Monitoring and evaluating of lectures is measured by 4 main indicators, namely monitoring and evaluating the theoretical lectures, monitoring and evaluating the laboratory practical lectures, monitoring and evaluating workshop practical lectures, and monitoring and evaluating the lectures on the Final Project course. Monitoring and evaluating the theoretical courses is measured by several indicators. These indicators were assessed by respondents, namely students who took the course. These indicators include: (1) Clarity of course objectives; (2) Clarity of the lecture's subject material; (3) Clarity of course's significance and impact on graduate competence; (4) Clarity of tasks that students must complete during the lecture process; (5) Clarity of educational tools to be employed in lectures; (6) Clarity of citations used in lectures (textbooks, Electronics books, journals, etc.; (7) Clarity of assignments due during lectures; (8) Clarity regarding the evaluation of learning outcomes; (9) Clarity regarding certain characteristics or elements of the evaluation (10) Clarity of rules (for attendance, conduct, and punishments) in the lecture process should be made clear.

1. Faculty of Engineering

The average results of monitoring and evaluating the theoretical lectures in the Faculty of Engineering UNY are shown in Table 6 and Figure 1.

Table 6 Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022, Faculty of Engineering (FE)

No	Elements/Items	BoEEE	BoEEEIT	BoMEE	BoAEE	BoCEEP	FE
1.	Clarity of course objectives	4.46	4.44	4.42	4.41	4.40	4.42
2.	Clarity of the lecture's subject matter	4.41	4.37	4.35	4.34	4.35	4.36
3.	Clarity of the course's significance and impact on graduate competence	4.40	4.38	4.35	4.37	4.37	4.37
4.	Clarity of the tasks that students must complete during the lecture process	4.38	4.33	4.32	4.30	4.33	4.33
5.	Clarity of the educational tools to be employed in lectures	4.39	4.35	4.34	4.32	4.36	4.35
6.	The clarity of the citations used in lectures (textbooks, Electronics books, journals, etc.)	4.32	4.33	4.32	4.28	4.30	4.30
7.	The clarity of the assignments due during lectures	4.36	4.33	4.30	4.31	4.32	4.32

8.	Clarity regarding the evaluation of learning outcomes	4.37	4.30	4.27	4.31	4.32	4.31
9.	Clarity regarding certain characteristics or elements of the evaluation	4.37	4.31	4.29	4.32	4.33	4.32
10	Clarity of rules (for attendance, conduct, and punishments) in the lecture process should be made clear.	4.42	4.35	4.36	4.37	4.38	4.37
Average		4.39	4.35	4.33	4.33	4.35	4.34
Category		**Very Good**	**Very Good**	**Very Good**	**Very Good**	**Very Good**	**Very Good**

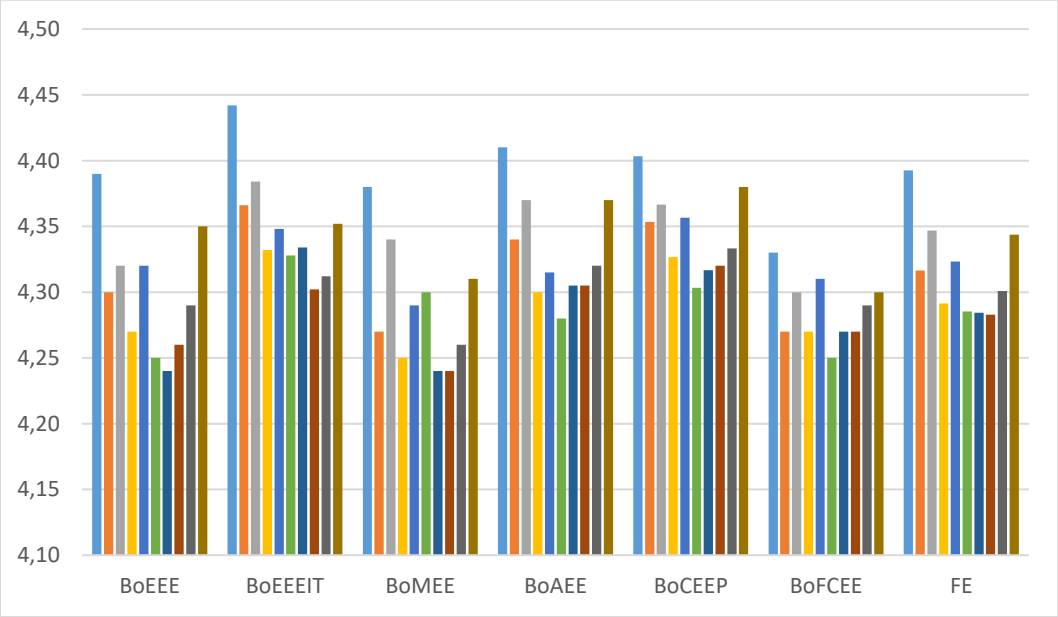

Figure 1 Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022, Faculty of Engineering

Based on Table 6 and Figure 1, it is known that the average results of the Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022 of Faculty of Engineering UNY for about 4.34 and it was in the **very good**

category. The highest average score was reached by Bachelor of Electronics Engineering Education (BoEEE) around 4.39 in the **very good category.** It shows that the implementation of the first week lectures at Faculty of Engineering UNY obtains a **very good category.**

2. Bachelor of the Electronics Engineering Education (BoEEE) Study Programme & Bachelor of Information Technology (BoIT) Study Programme.

The average results of monitoring and evaluating the theory lectures of the Bachelor of the Electronics Engineering Education (BoEEE) and Bachelor of Information Technology (BoIT) are shown in Table 7 and Figure 2.

Table 7 Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022 of Bachelor of the Electronics Engineering Education Information Technology (BoEEEIT)

No	Elements/Items	BoEEE	BoIT	Average
1.	Clarity of course objectives	4.34	4.58	4.46
2.	Clarity of the scope of lecture material	4.26	4.51	4.39
3.	Clarity of the significance/importance of the course on graduate competence	4.29	4.54	4.42
4.	Clarity of activities that must be carried out by students in the lecture process	4.26	4.5	4.38
5.	Clarity of learning media to be used during lectures	4.28	4.52	4.40
6.	Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.	4.22	4.48	4.35

7.	Clarity of tasks that must be completed in lectures	4.25	4.49	4.37
8.	Clarity of how to assess learning outcomes	4.21	4.49	4.35
9.	Clarity regarding aspects /components of assessment;	4.2	4.5	4.35
10.	Clarity of rules (attendance rules, ethics, punishments) in the lecture process	4.27	4.54	4.41
Average		4.26	4.52	4.39
Category		**Very Good**	**Very Good**	

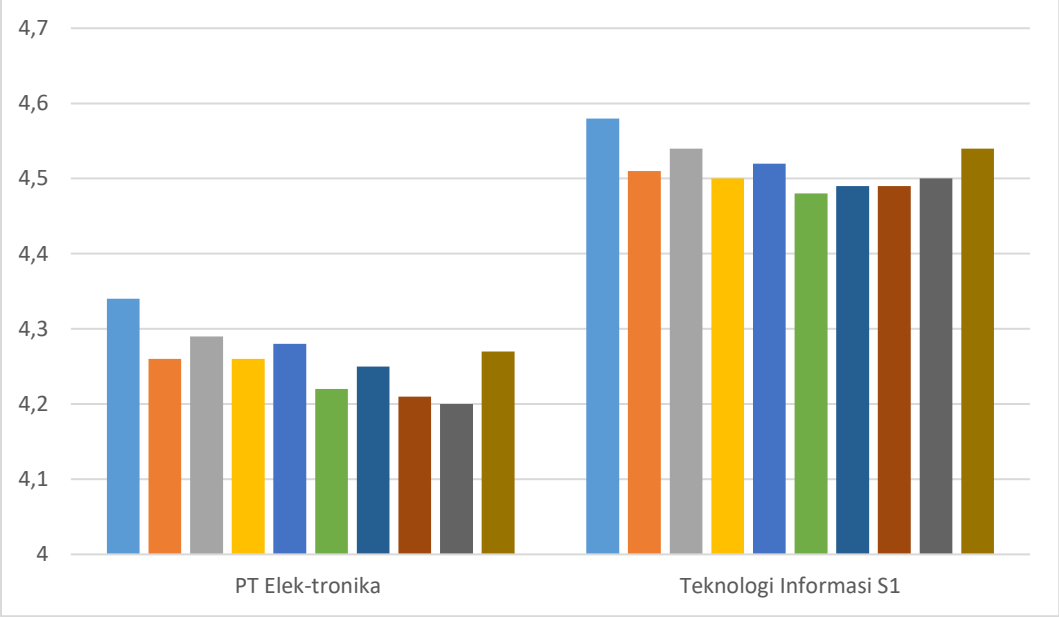

Figure 2 Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022 of Bachelor of the Electronics Engineering Education Information Technology (BoEEEIT)

Based on Table 7 and Figure 2, it is known that the results of the questionnaire monitoring and assessment of the lectures in the first week of even semester theory courses, for the Academic Year 2021/2022 of the Bachelor of Electronics Engineering Education (BoEEE) & Bachelor of Information Technology (BoIT), Faculty of Engineering, UNY have an average 4.39 and obtains a **very good** category.

This shows that the implementation of lectures in the first week in the Bachelor of Electronics Engineering Education (BoEEE) & Bachelor of Information Technology (BoIT)

are in the **very good** category. Moreover, the average detail of the Master of Electronics Engineering Education and Technology (BoEEET) is 4.39; meanwhile, the Bachelor of Electronics Engineering Education (BoEEE) is 4.26 and Bachelor of Information Technology (BoIT) is 4.52. The averages result in the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme are in a **very good** category. Element/item embedded in the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme has the lowest score around 4.35 on the item: clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.), clarity of how to assess learning outcomes, clarity regarding aspects/components of assessment that are still referred into **very good** category. The highest item is the clarity of meaningfulness/importance of the course on graduate competence with a score of 4.42 in the very good category. Overall the categories obtained are good and very good.

3. Bachelor of Mechanical Engineering Education Study Programme (BoMEE)

The average results of monitoring and evaluation of Bachelor of Mechanical Engineering Education (BoMEE) theory lectures are shown in Table 8 and Figure 3.

Table 8. Monitoring and Assessment of First Week Lectures in Theory Courses, Even-Semester, Academic Year 2021/2022, BoMEE

No	Elements/Items	BoMEE
1.	Clarity of course objectives	4.26
2.	Clarity of the lecture's subject matter	4.22
3.	Clarity of the course's significance and impact on graduate competence	4.24
4.	Clarity of the tasks that students must complete during the lecture process	4.15

5.	Clarity of the educational tools to be employed in lectures	4.19
6.	The clarity of the citations used in lectures (textbooks, Electronics books, journals, etc.)	4.16
7.	The clarity of the assignments due during lectures	4.16
8.	Clarity regarding the evaluation of learning outcomes	4.08
9.	Clarity regarding certain characteristics or elements of the evaluation	4.1
10.	Clarity of rules (for attendance, conduct, and punishments) in the lecture process should be made clear.	4.17
Average		4.17
Category		**Good**

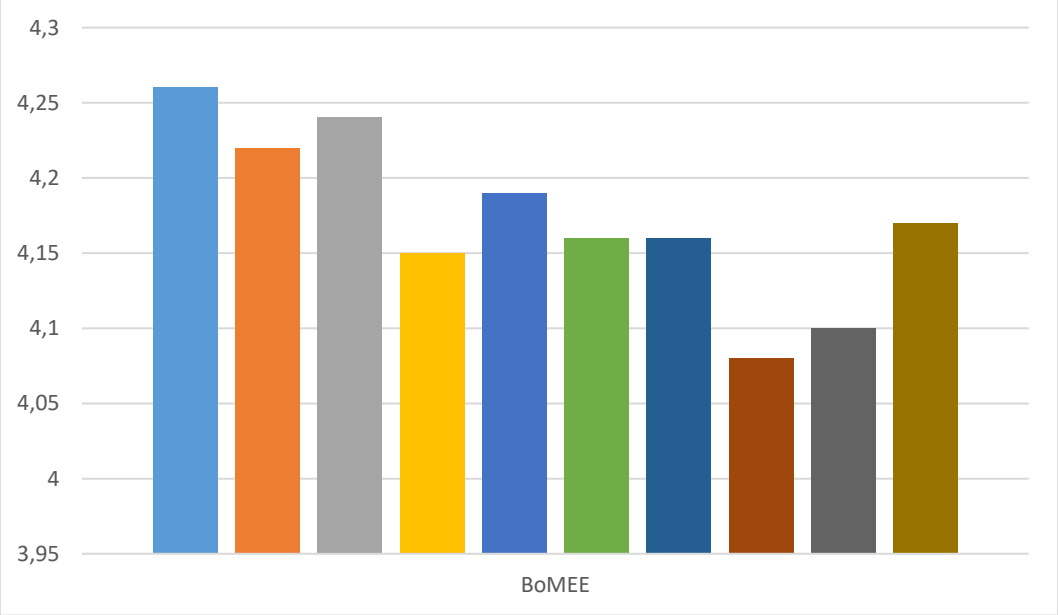

Figure 3. Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022, BoMEE

Based on Table 8 and Figure 3, it is known that the Bachelor of Mechanical Engineering Education (BoMEE), Faculty of Engineering, UNY results of the questionnaire monitoring and assessment of lectures in the first week of even semester theory courses for the 2021/2022 Academic Year have an average of 4.33 in the **very good** category. This demonstrates that the first week of lectures in Bachelor of Mechanical Engineering Education (BoMEE) were

implemented quite effectively. The element/item with the lowest score, Clarity on how to assess learning outcomes in the Bachelor of Mechanical Engineering Education (BoMEE) study Programme, is still in the **good** category with a score of 4.1. Clarity of course objectives receives the highest grade, 4.26 in the **very good** category.

4. Bachelor of Automotive Engineering Education Study Programme (BoAE)

The average results of monitoring and evaluation of Bachelor of Automotive Engineering (BoAE) Study Programme are shown in Table 9 and Figure 4.

Tabel 9. Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022, BoAE

No	Elements/Items	BoAE
1.	Clarity of course objectives	4.37
2.	Clarity of the lecture's subject matter	4.3
3.	Clarity of the course's significance and impact on graduate competence	4.34
4.	Clarity of the tasks that students must complete during the lecture process	4.25
5.	Clarity of the educational tools to be employed in lectures	4.28
6.	The clarity of the citations used in lectures (textbooks, Electronics books, journals, etc.)	4.24
7.	The clarity of the assignments due during lectures	4.24
8.	Clarity regarding the evaluation of learning outcomes	4.27
9.	Clarity regarding certain characteristics or elements of the evaluation	4.28
10.	Clarity of rules (for attendance, conduct, and punishments) in the lecture process should be made clear.	4.34
Average		4.29
Category		**Very Good**

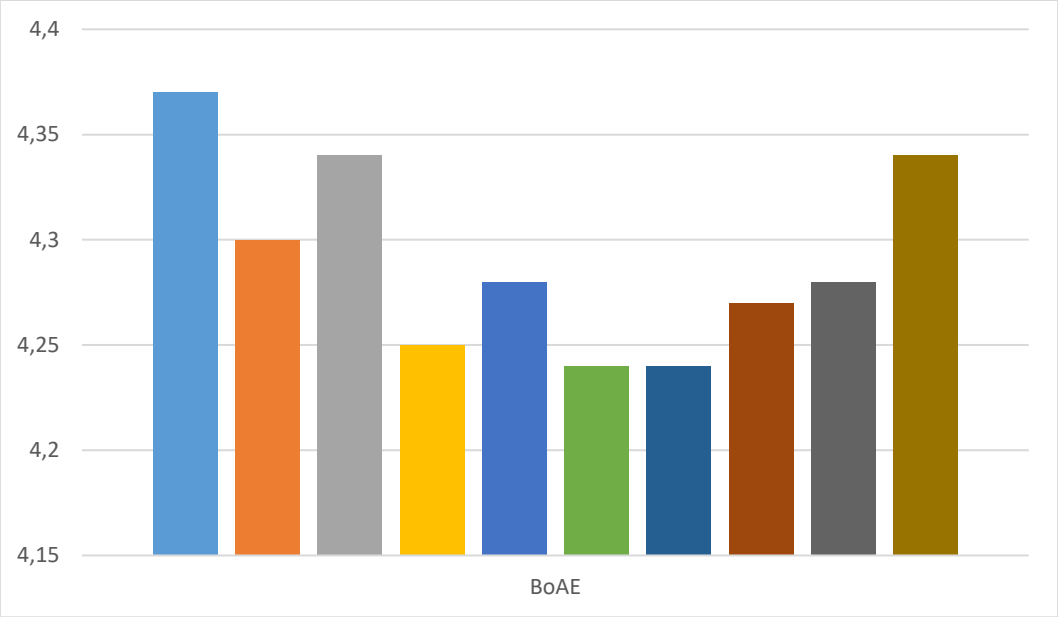

Figure 4. Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022, BoAE

Based on Table 9 and Figure 4, it is known that the results of the questionnaire monitoring and evaluation of lectures in the first week of even semester theory courses for the 2021/2022 Academic Year of the Bachelor of Automotive Engineering Education (BoAE) Study Programme, Faculty of Engineering, UNY have an average of 4.29 in the **very good** category.

This shows that the implementation of lectures in the first week in the Bachelor of Automotive Engineering Education (BoAE) Study Programme is in the **very good** category. Elements/items in the questionnaire filling in the Bachelor of Automotive Engineering Education (BoAE) Study Programme have the lowest score of 4.24 in the item Clarity of reference sources referred to in lectures (textbooks, Electronics books, journals, etc.) and Clarity of tasks that must be completed in lectures in the Study Programme Bachelor of Automotive Engineering Education (BoAE) which is still included in the very good category. The highest item is Clarity of course objectives with a score of 4.34 in the **very good** category.

5. Bachelor of Civil Engineering Education and Planning (BoCEEP)

The average results of monitoring and evaluation of Bachelor of Automotive Engineering Education (BoCEEP) Study Programme are shown in Table 10 and Figure 5.

Table 10. Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022 of Bachelor of Civil Engineering Education and Planning (BoCEEP)

No	Elements/Items	BoCEEP
1.	Clarity of course objectives	4.45
2.	Clarity of the lecture's subject matter	4.39
3.	Clarity of the course's significance and impact on graduate competence	4.4
4.	Clarity of the tasks that students must complete during the lecture process	4.38
5.	Clarity of the educational tools to be employed in lectures	4.41
6.	The clarity of the citations used in lectures (textbooks, Electronics books, journals, etc.)	4.34
7.	The clarity of the assignments due during lectures	4.35
8.	Clarity regarding the evaluation of learning outcomes	4.34
9.	Clarity regarding certain characteristics or elements of the evaluation	4.35
10.	Clarity of rules (for attendance, conduct, and punishments) in the lecture process should be made clear.	4.41
Average		4.38
Category		**Very Good**

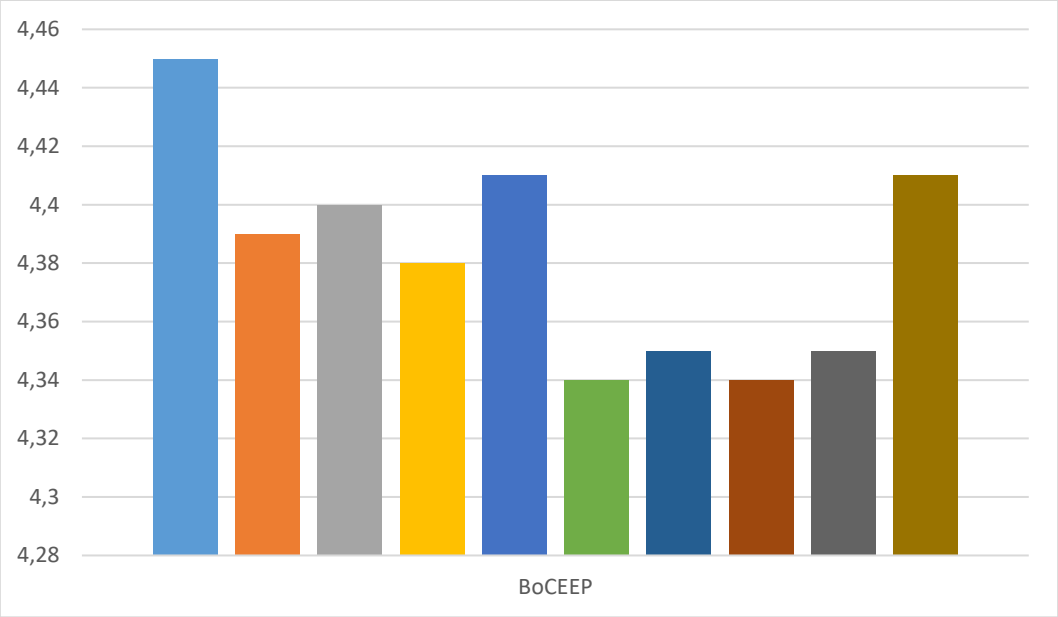

Figure 5. Monitoring and Assessment of First Week Lectures in Theory Courses, Even Semester, Academic Year 2021/2022 BoCEEP

Based on Table 10 and Figure 5, it is known that the results of the questionnaire monitoring and evaluation of lectures in the first week of even semester theory courses for the 2021/2022 Academic Year Bachelor of Civil Engineering Education and Planning (BoCEEP), Faculty of Engineering, UNY have an average of 4.38 in the **very good** category. This shows that the implementation of lessons in the first week in the Bachelor of Civil Engineering Education and Planning is in the **very good** category. Elements/items in the Bachelor of Civil Engineering Education and Planning (BoCEEP) questionnaire have the lowest score of 4.34 on the item Clarity of reference sources that make up lectures (textbooks, Electronics books, journals, etc.) and Clarity on how to assess learning outcomes are still included in the category **Very good**. The highest item obtained by the Bachelor of Civil Engineering Education and Planning (BoCEEP) study Programme was the clarity of course objectives with a score of 4.45 in the **very good** category. Overall, the category obtained is **very good**.

C. Monitoring and Evaluation of Lectures for Laboratory Practice Courses

The Laboratory Practice course has its own questionnaire instrument for monitoring and evaluating lectures at the beginning of the semester for laboratory courses. The instruments used in this laboratory course are specifically used to monitor and evaluate laboratory class lectures. This questionnaire instrument consists of 15 items, including: (1) Clarity of practicum objectives; (2) Clarity of practicum scope; (3) Clarity on the significance/importance of practicum to support the graduate profession; (4) Clarity of activities that must be carried out by students during the practicum; (5) Clarity regarding the application of occupational safety and health (OHS); (6) Clarity of practicum instructions; (7) Clarity of practicum reference materials (textbooks, Electronics books, journals, etc.) referred to; (8) Clarity of tasks that must be completed in practicum; (9) Clarity on how to evaluate practicum results; (10) Clarity regarding

aspects/components to be assessed; (11) Clarity of rules (attendance rules, ethics, sanctions) in the practicum lecture process.

1. Faculty of Engineering (FE)

The average results of monitoring and evaluation of lectures at the beginning of the semester for laboratory courses at Faculty of Engineering, UNY can be seen in Table 11 and Figure 6.

Table 11. Monitoring and Evaluation of Lectures at the Beginning of Semester for Even Semester of The Laboratory Courses for Academic Year 2021/2022

No	Elements/Items	BoEEE	BoEEEIT	BoMEE	BoAE	BoCEEP	FE
1	Clarity of practical objectives	4.46	4.43	4.31	4.43	4.41	**4.41**
2	Clarity of scope of practice	4.38	4.33	4.22	4.33	4.34	**4.33**
3	Clarity of the meaningfulness/importance of practicum to support the graduate profession	4.40	4.37	4.28	4.37	4.41	**4.38**
4	Clarity of activities that students must do during the practicum	4.37	4.35	4.22	4.27	4.31	**4.32**
5	Clarity regarding the application of occupational safety and health (OHS)	4.31	4.28	4.23	4.28	4.32	**4.29**
6	Clarity of practical instructions	4.35	4.31	4.19	4.21	4.28	**4.28**
7	Clarity of practicum reference materials (textbooks, Electronics books, journals, etc.) referred to	4.29	4.27	4.17	4.29	4.20	**4.25**
8	Clarity of tasks to be completed in practicum	4.36	4.35	4.20	4.24	4.30	**4.30**

No	Elements/Items	BoEEE	BoEEEIT	BoMEE	BoAE	BoCEEP	FE
9	Clarity around the proper way to assess practicum results	4.33	4.29	4.16	4.26	4.27	**4.27**
10	Clarity regarding the elements/aspects to be evaluated	4.33	4.31	4.16	4.28	4.30	**4.28**
11	Clarity of rules (attendance rules, ethics, sanctions) in the practicum lecture process	4.40	4.37	4.21	4.40	4.37	**4.35**
Average		**4.36**	**4.33**	**4.21**	**4.30**	**4.32**	**4.31**
Category		**Very Good**	**Very Good**	**Good**	**Very Good**	**Very Good**	**Very Good**

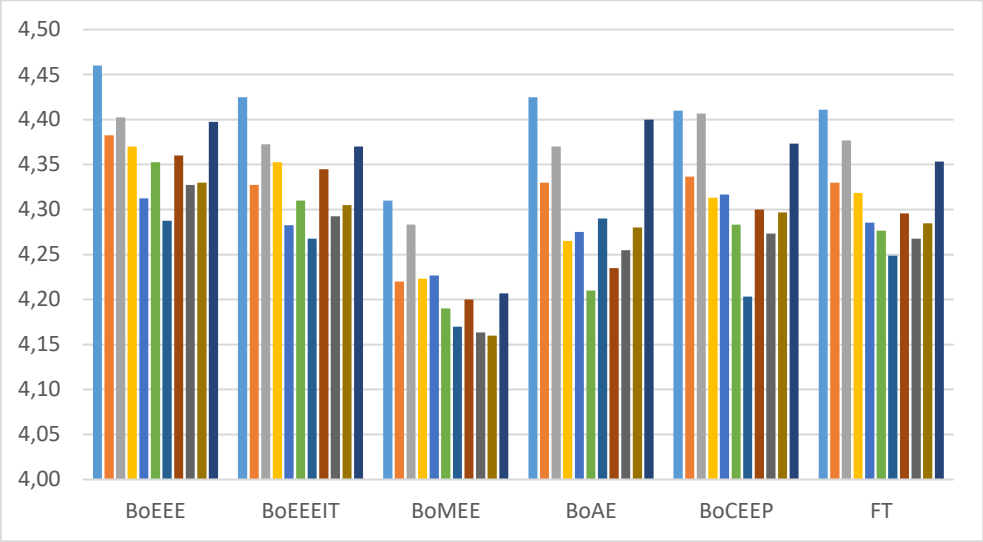

Figure 6. Monitoring and Evaluation of Early Semester Lectures for Laboratory Courses Even Semester for the Academic Year 2021/2022 FE

Based on Table 11 and Figure 6, it is known that the results of the questionnaire monitoring and evaluation of early semester lectures for even semester of laboratory courses for the 2021/2022 Academic Year Faculty of Engineering (FE), UNY have an average of 4.31 in the **very good** category. This shows that the implementation of lectures for laboratory courses at the beginning of the even semester at the Faculty of Engineering, UNY is in a **very good** category.

2. Bachelor of Electronics Engineering Education and Information Technology (BoEEEI) & Bachelor of Information Technology (BoIT)

The average results of monitoring and evaluation of lectures at the beginning of the semester for laboratory courses in Bachelor of Electronics Engineering and Informatics and Information Technology Education (BoEEEI) Study Programme can be seen in Table 12 and Figure 7.

Table 12. Monitoring and Evaluation of Lectures at the Beginning of Semester for Laboratory Courses for Even Semester Academic Year 2021/2022.

No	Elements/Items	BoEEEI	BoIT
1	Clarity of practical objectives	4.29	4.59
2	Clarity of scope of practice	4.17	4.54
3	Clarity of the meaningfulness/importance of practicum to support the graduate profession	4.25	4.58
4	Clarity of activities that students must do during the practicum	4.22	4.55
5	Clarity regarding the application of occupational safety and health (OHS)	4.13	4.48
6	Clarity of practical instructions	4.18	4.48
7	Clarity of practicum reference materials (textbooks, Electronics books, journals, etc.) referred to	4.15	4.48
8	Clarity of tasks to be completed in practicum	4.21	4.52
9	Clarity around the proper way to assess practicum results	4.14	4.49
10	Clarity regarding the elements/aspects to be evaluated	4.16	4.50
11	Clarity of rules (attendance rules, ethics, sanctions) in the practicum lecture process	4.23	4.57
Average		**4.19**	**4.53**

No	Elements/Items	BoEEEI	BoIT
Category		Good	Very Good

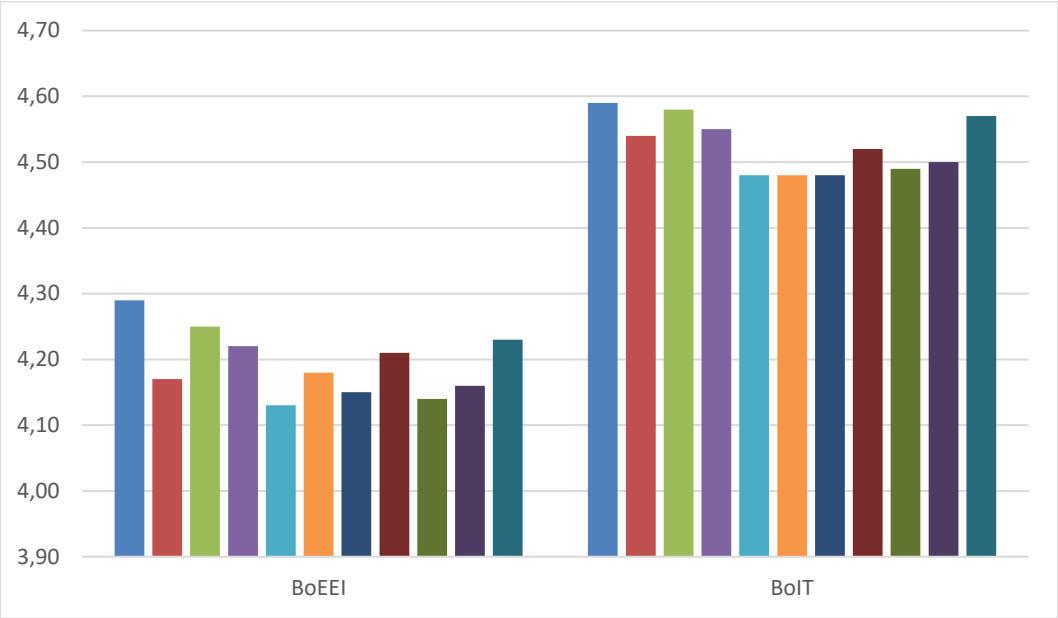

Figure 7. Monitoring and Evaluation of Early Semester Lectures for Laboratory Courses Even Semester 2021/2022 Academic Year Bachelor of Electronics Engineering Education and Informatics (BoEEI) and Bachelor of Information Technology (BoIT)

Based on Table 12 and Figure 7, it is known that the results of the questionnaire monitoring and evaluation of early semester lectures for laboratory courses in Even semester 2021/2022 Academic Year Bachelor of Electronics Engineering Education and Informatics (BoEEEI) and Bachelor of Information Technology (BoIT) - Faculty of Engineering, UNY have an average of 4.36 in the **very good** category. This shows that the implementation of lectures for laboratory courses at the beginning of the semester in the Bachelor of Electronics Engineering Education and Informatics (BoEEEI) and Bachelor of Information Technology (BoIT) is in a **very good** category. The elements/items in the BoEEEI's questionnaire have the lowest score of 4.13 in the item Clarity regarding the application of occupational safety and health (OHS) in the BoEEE study Programme which is still included in the **good** category. The highest item was obtained by the Bachelor of Information Technology (BoIT) study Programme in the item Clarity of practicum objectives with a score of 4.59 in the very good category. Overall, the categories obtained by the BoEEEI study Programme were good and **very good**.

3. Bachelor of Mechanical Engineering Education (BoMEE) Study Programme

The average results of monitoring and evaluation of lectures at the beginning of the semester for the laboratory study Programme in the Bachelor of Mechanical Engineering Education (BoMEE) can be seen in Table 13 and Figure 8.

Table 13. Monitoring and Evaluation of Lectures at the Beginning of Semester for Laboratory Courses for Even Semester Academic Year 2021/2022.

No	Elements/Items	BoMEE
1	Clarity of practical objectives	4.39
2	Clarity of scope of practice	4.29
3	Clarity of the meaningfulness/importance of practicum to support the graduate profession	4.35
4	Clarity of activities that students must do during the practicum	4.32
5	Clarity regarding the application of occupational safety and health (OHS)	4.29
6	Clarity of practical instructions	4.31
7	Clarity of practicum reference materials (textbooks, Electronics books, journals, etc.) referred to	4.28
8	Clarity of tasks to be completed in practicum	4.34
9	Clarity around the proper way to assess practicum results	4.26
10	Clarity regarding the elements/aspects to be evaluated	4.29
11	Clarity of rules (attendance rules, ethics, sanctions) in the practicum lecture process	4.34
Average		**4.31**
Category		**Very Good**

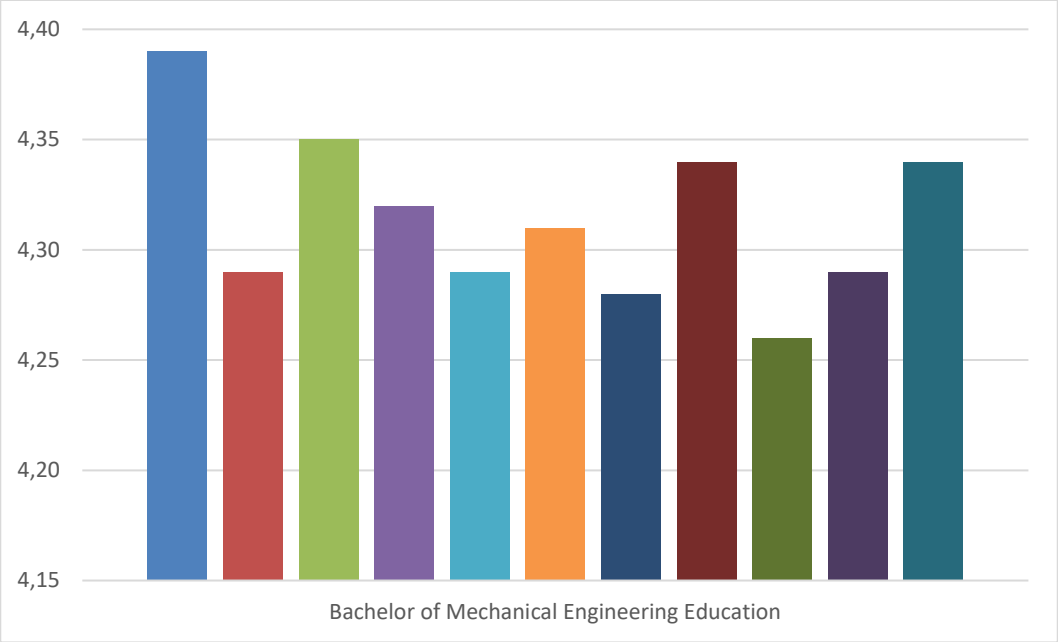

Figure 8. Monitoring and Evaluation Laboratory Subject Lectures at the Beginning of Semester in Even Semester Academic Year of 2021/2022 Bachelor of Mechanical Engineering Education

Based on Table 13 and Figure 8, it is known that the results of monitoring and evaluation of lectures questionnaire at the beginning of semester in laboratory subject even semester Academic Year of 2021/2022 Bachelor of Mechanical Engineering Education (BoMEE) – FE of UNY have an average of 4.31 with a **very good** category. It showed that the implementation of lectures in laboratory subjects at the beginning of semester in Bachelor of Mechanical Engineering Education is categorized as **very good.** Elements/items in the Bachelor of Mechanical Engineering Education questionnaire have the lowest score, 4.21, on the clarity regarding the application of occupational safety and health, yet in a **very good** category. The highest item obtained on the clarity of practicum objective item is 4.39, with a **very good** category.

4. Bachelor of Automotive Engineering Education (BoAEE) Study Programme

The average results of monitoring and evaluation laboratory subject lectures at the beginning of semester in Bachelor of Automotive Engineering Education (BoAE) can be seen in Table 14 and Figure 9.

Table 14. Monitoring and Evaluation of Lectures at the Beginning of the Semester for Laboratory Subjects in the Bachelor of Automotive Engineering Education Study Programme in Even Semester for the Academic Year of 2021/2022.

No	Element/Item	BoAE
1	The clarity of practicum objectives	4.40
2	The clarity of practicum scopes	4.33
3	The clarity of significances/importances practicum to support the graduate profession	4.38
4	The clarity of activities that must be carried out by students during practicum	4.31
5	The clarity regarding the application of occupational safety and health	4.27
6	The clarity of practicum guidances	4.28
7	The clarity of practicum references (textbook, E-book, Journal, etc..) referred to	4.24
8	The clarity of tasks to be completed in practicum	4.29
9	The clarity on how to assess the results of practicum	4.29
10	The clarity of aspects/components to be assessed	4.33
11	Clarity of the rules (attendance rules, ethics, sanctions) in the process of practicum lectures	4.37
Average		**4.32**
Category		**Very Good**

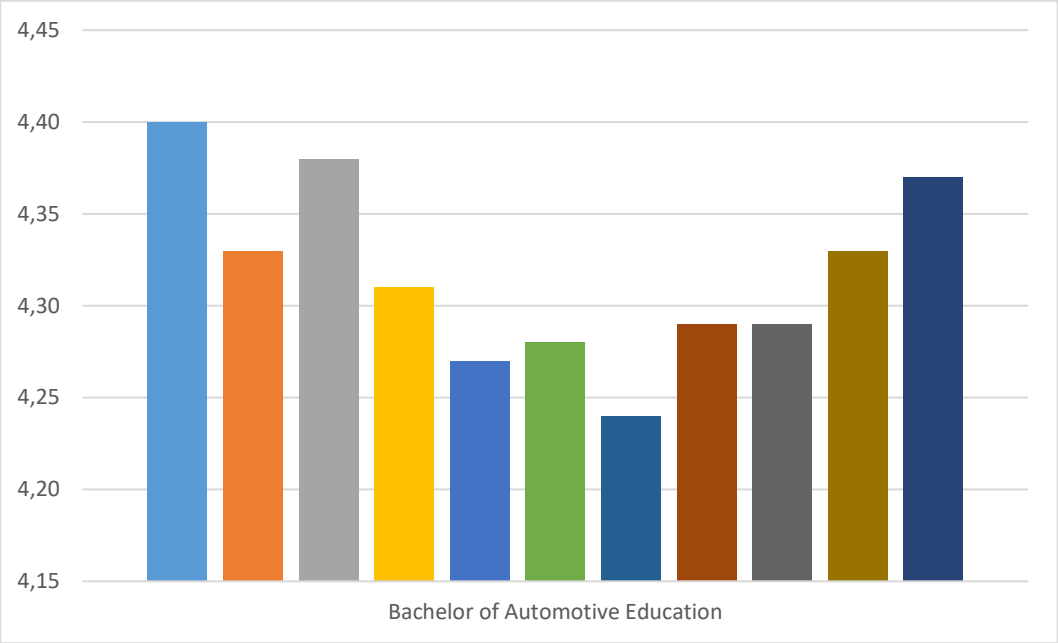

Figure 9. Monitoring and Evaluation at the Beginning of Semester Lectures Laboratory Subject in Even Semester Academic Year of 2021/2022 Bachelor of Automotive Engineering Education Study Programme

Based on Table 14 and Figure 9, it is known that the results of the monitoring and evaluation at the beginning of semester lectures questionnaire for laboratory subject even semester for the Academic Year of 2021/2022 Bachelor of Automotive Engineering Education Study Programme – FE of UNY has the average score in 4.32 with the category **very good.** It showed that the implementation of laboratory subjects at the beginning of semester in Bachelor of Automotive Engineering Education Study Programme performed very well. Elements/items in the Bachelor of Automotive Engineering Education Study Programme questionnaire, have the lowest score of 4.14 on the clarity of practicum guidelines with **good** category. The highest score obtained on The clarity of practicum objectives with a score of 4.45 in a **very good** category.

5. Bachelor of Civil Engineering Education and Planning (BoCEEP) Study Programme

The average results of monitoring and evaluation laboratory subject lectures at the beginning of semester in Bachelor of Civil Engineering Education and Planning (BoCEEP) can be seen in Table 15 and Figure 10.

Table 15. Monitoring and Evaluation of Lectures at the Beginning of the Semester for Laboratory Subject at BoCEEP Even Semester Academic Year of 2021/2022 Bachelor of Civil Engineering Education and Planning

No	Element/Item	BoCEEP
1	The clarity of practicum objectives	4.48

No	Element/Item	BoCEEP
2	The clarity of practicum scopes	4.41
3	The clarity of significances/importances practicum to support graduates' profession	4.45
4	The clarity of activities that must be carried out by students during practicum	4.40
5	The clarity regarding the application of occupational safety and health	4.41
6	The clarity of practicum guidances	4.39
7	The clarity of practicum references (textbook, E-book, Journal, etc..) referred to	4.29
8	The clarity of tasks to be completed in practicum	4.40
9	The clarity on how to assess the results of practicum	4.35
10	The clarity of aspects/components to be assessed	4.36
11	Clarity of the rules (attendance rules, ethics, sanctions) in the process of practicum lectures	4.42
Average		**4.40**
Category		**Very Good**

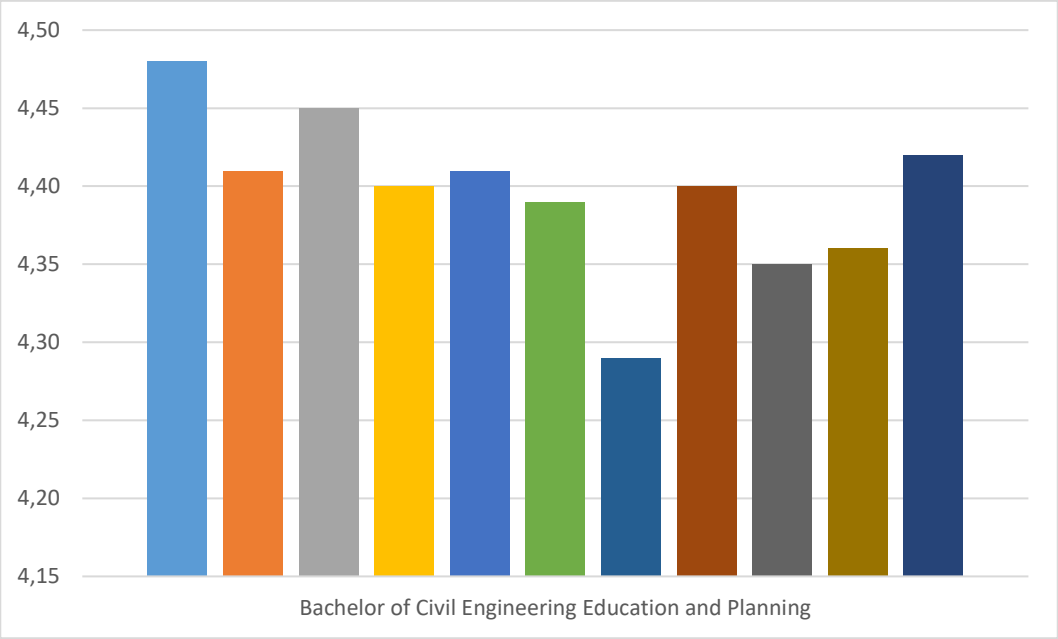

Figure 10. Monitoring and Evaluation Laboratory Subjects Lectures at the Beginning of Semester of BoCEEP Study Programme in Even Semester Academic Year of 2021/2022 Bachelor of Civil Engineering Education and Planning

Based on Table 15 and Figure 10, it is known that the results of monitoring and evaluation at the beginning of semester lectures in laboratory subjects, even semester Academic Year of 2021/2022 Bachelor of Civil Engineering Education and Planning– FE of UNY have an average 4.40 with the **very good** category. It indicated that the lectures in laboratory subjects at the beginning of semester in Bachelor of Civil Engineering Education and Planning were categorized as **very good**. Elements/items in the Bachelor of Civil Engineering Education and Planning questionnaire have the lowest score of 4,35 on the item of clarity on how to assess the results of practicum yet in a **very good** category. The highest item on the clarity of practicum objectives with a score of 4.48 in **very good** category. Overall the category obtained by Bachelor of Civil Engineering Education and Planning (BoCEEP) study Programme is very good.

D. Monitoring and Evaluation of the lectures of Workshop Practice Subject

Workshop Practice Subject has its instrument questionnaire for monitoring and evaluating lectures at the beginning of semester. The instrument is particularly used in this subject to monitor and evaluate the lectures. The instrument of questionnaire consists of 16 items, there are: (1) The clarity of workshop practice objectives; (2) The clarity workshop practice scopes; (3) Clarity on the significances/importance of workshop practice to support graduates profession; (4) The clarity of activities that must be carried out by students during workshop practice; (5) The clarity regarding the application of occupational safety and health; (6) The clarity of workshop practice guidelines; (7) The clarity of workshop practice references (textbooks, E-books, journals, etc.) referred to; (8) The clarity of tasks to be completed in workshop practice; (9) The clarity on how

to assess the results of workshop practice; (10) The clarity of aspects/components to be assessed; (11) Clarity of the rules (attendance rules, ethics, sanctions) in the process of workshop practice lectures.

1. Faculty of Engineering (FE)

The average results of monitoring and evaluation of lectures at the beginning of semester in workshop subjects – Study Programmes at Faculty of Engineering of UNY can be seen in Table 16 and Figure 11.

Table 16. Monitoring and Evaluation Lectures at the beginning of semester in Workshop Subject Even Semester Academic Year of 2021/2022.

No	Element/Item	BoEEE	BoEIEE	BoMEE	FE
1	The clarity of workshop practice objectives	4.27	4.49	4.42	**4.40**
2	The clarity workshop practice scopes	4.10	4.41	4.36	**4.31**
3	Clarity on the significances/importance of workshop practice to support graduates profession	4.17	4.44	4.41	**4.36**
4	The clarity of activities that must be carried out by students during workshop practice	3.93	4.33	4.36	**4.25**
5	The clarity regarding the application of occupational safety and health	4.10	4.37	4.37	**4.29**
6	The clarity of workshop practice guidelines	4.17	4.40	4.33	**4.31**
7	The clarity of workshop practice references (textbooks, electronic books, journals, etc.) referred to	3.95	4.41	4.31	**4.24**
8	The clarity of tasks to be completed in workshop practice	3.67	4.33	4.33	**4.17**

No	Element/Item	BoEEE	BoEIEE	BoMEE	FE
9	The clarity on how to assess the results of workshop practice	4.00	4.46	4.30	**4.28**
10	The clarity of aspects/components to be assessed	4.10	4.40	4.31	**4.29**
11	Clarity of the rules (attendance rules, ethics, sanctions) in the process of workshop practice lectures.	3.90	4.38	4.35	**4.25**
Average		**4.03**	**4.40**	**4.35**	**4.29**
Category		**Good**	**Very Good**	**Very Good**	**Very Good**

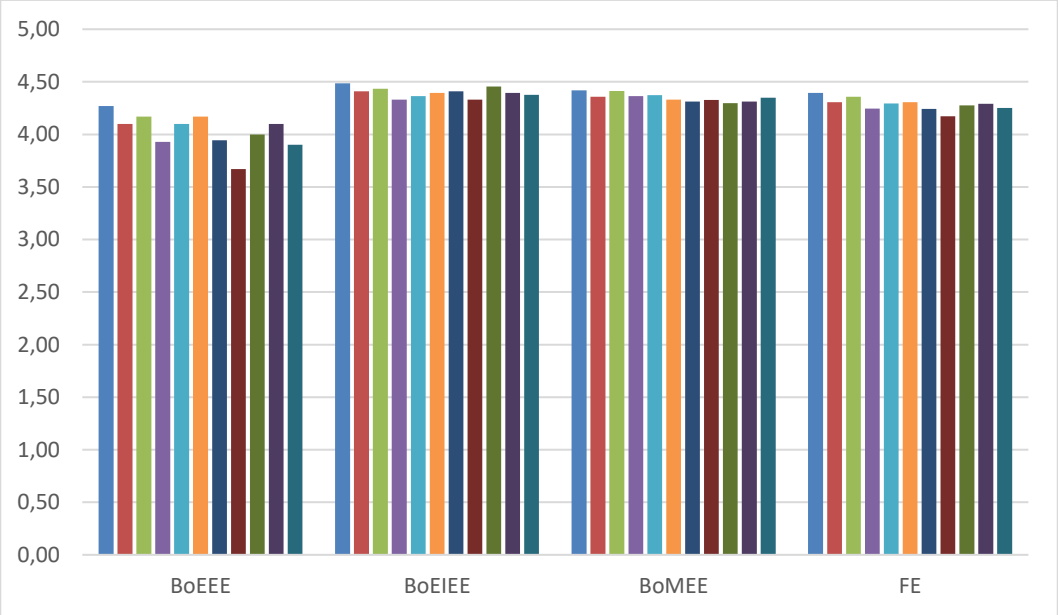

Figure 11. Monitoring and Evaluation of Workshop Subject Lectures at the Beginning of Semester in Even Semester Academic Year of 2021/2022 Faculty of Engineering UNY

Based on Table 16 and Figure 11, it is known the results of monitoring and evaluation questionnaire lectures at the beginning of semester for workshop subject in even semester Academic Year of 2021/2022 Faculty of Engineering (FE) of UNY conducted by the Bachelor of Electronics Engineering Education and Information Technology (BoEEEI) & the Bachelor of Mechanical Engineering Education (BoMEE) Study Programme. The workshop subject is not available in Bachelor of Automotive Engineering Education Study Programme and Bachelor of Civil Engineering Education and Planning. The average score of the Faculty of Engineering in the workshop subject is 4.29, categorized as **very good**. It indicated that the

implementation of lectures in workshop subjects at the beginning of semester in FE of UNY performed very well.

2. Bachelor of Electronics Engineering Education and Information Technology (BoEEEI)

The average results of monitoring and evaluating lectures at the beginning of semester in workshop subjects in BoEIEE can be seen in Table 17 and Figure 12.

Table 17. Monitoring and Evaluation of Workshop Subject Lectures at the Beginning of Semester in Even Semester Academic Year of 2021/2022.

No	Element/Item	BoIEE	BoIT	Average
1	The clarity of workshop practice objectives	4.50	4.47	**4.49**
2	The clarity workshop practice scopes	4.38	4.44	**4.41**
3	Clarity on the significances/importance of workshop practice to support graduates profession	4.34	4.53	**4.44**
4	The clarity of activities that must be carried out by students during workshop practice	4.34	4.32	**4.33**
5	The clarity regarding the application of occupational safety and health	4.41	4.32	**4.37**
6	The clarity of workshop practice guidelines	4.47	4.32	**4.40**
7	The clarity of workshop practice references (textbooks, electronic books, journals, etc.) referred to	4.47	4.35	**4.41**
8	The clarity of tasks to be completed in workshop practice	4.28	4.38	**4.33**
9	The clarity on how to assess the results of workshop practice	4.47	4.44	**4.46**
10	The clarity of aspects/components to be assessed	4.41	4.38	**4.40**

No	Element/Item	BoIEE	BoIT	Average
11	Clarity of the rules (attendance rules, ethics, sanctions) in the process of workshop practice lectures.	4.34	4.41	**4.38**
Average		**4.40**	**4.40**	**4.40**
Category		**Very Good**	**Very Good**	**Very Good**

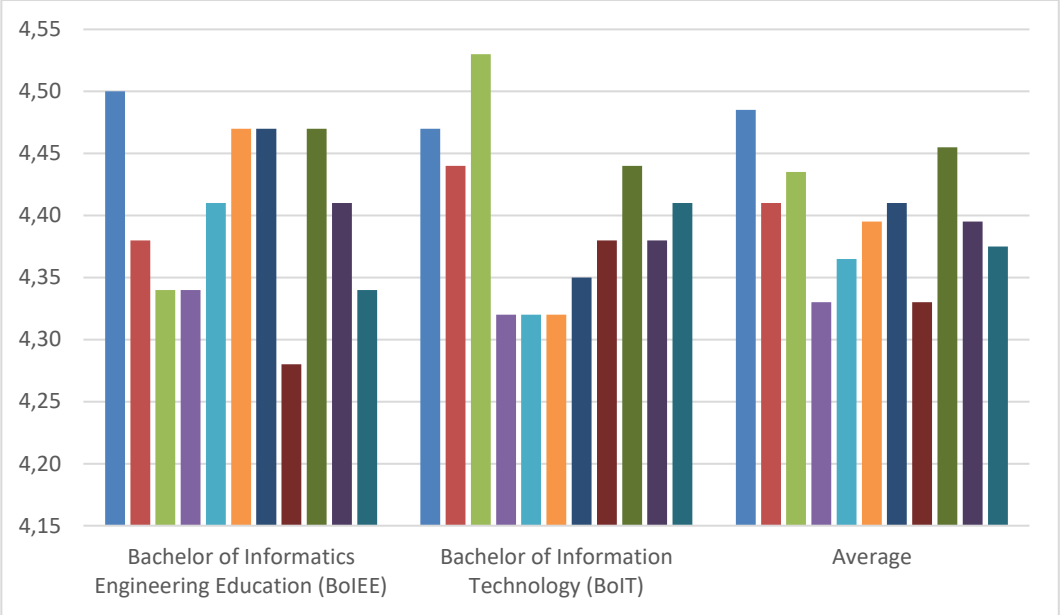

Figure 12. Monitoring and Evaluation on Workshop Subject Lectures at the beginning of semester in Even Semester Academic Year of 2021/2022 BoEIEE

Based on Table 17 and Figure 12, it is known the results of monitoring and evaluation in workshop subject lectures questionnaire at the beginning of semester in Even semester Academic Year of 2021/2022 BoEIEE Faculty of Engineering of UNY carried by Bachelor of Mechanical Engineering Education Study Programme. It caused the rest of the study Programmes to not implement the lecturing of workshop subjects. The average score is 4.40 with a **very good** category. It indicated that the implementation of workshop subject lectures at the beginning of semester in Bachelor of Electronics and Informatics Engineering Education (BoEIEE) and Bachelor of Information Technology (BoIT) performed well. Elements/items on the questionnaire of BoEIEE and BoIT have the lowest score of 4.28, on the item of The clarity of tasks to be completed in workshop practice and categorized **very good**. The highest score carried on the item of Clarity on the significances/importance of workshop practice to support graduates profession with a score of 4.53 in the **very good** category. Overall the category obtained by Bachelor of Electronics and Informatics Engineering Education and Bachelor of Information Technology is very good.

3. Bachelor of Mechanical Engineering Education Study Programme

The average results of monitoring and evaluation workshop subject lectures in the Bachelor of Mechanical Engineering Education (BoMEE) Study Programme can be seen in Table 18 and Figure 13.

Table 18. Monitoring and Evaluation of Workshop Subject Lectures at the beginning of semester in the Even Semester Academic Year of 2021/2022.

No	Element/Item	BoMEE
1	The clarity of workshop practice objectives	4.35
2	The clarity workshop practice scopes	4.26
3	Clarity on the significances/importance of workshop practice to support graduates profession	4.34
4	The clarity of activities that must be carried out by students during workshop practice	4.31
5	The clarity regarding the application of occupational safety and health	4.36
6	The clarity of workshop practice guidelines	4.27
7	The clarity of workshop practice references (textbooks, electronic books, journals, etc.) referred to	4.23
8	The clarity of tasks to be completed in workshop practice	4.23
9	The clarity on how to assess the results of workshop practice	4.21
10	The clarity of aspects/components to be assessed	4.23
11	Clarity of the rules (attendance rules, ethics, sanctions) in the process of workshop practice lectures.	4.30
Average		**4.28**
Category		**Very Good**

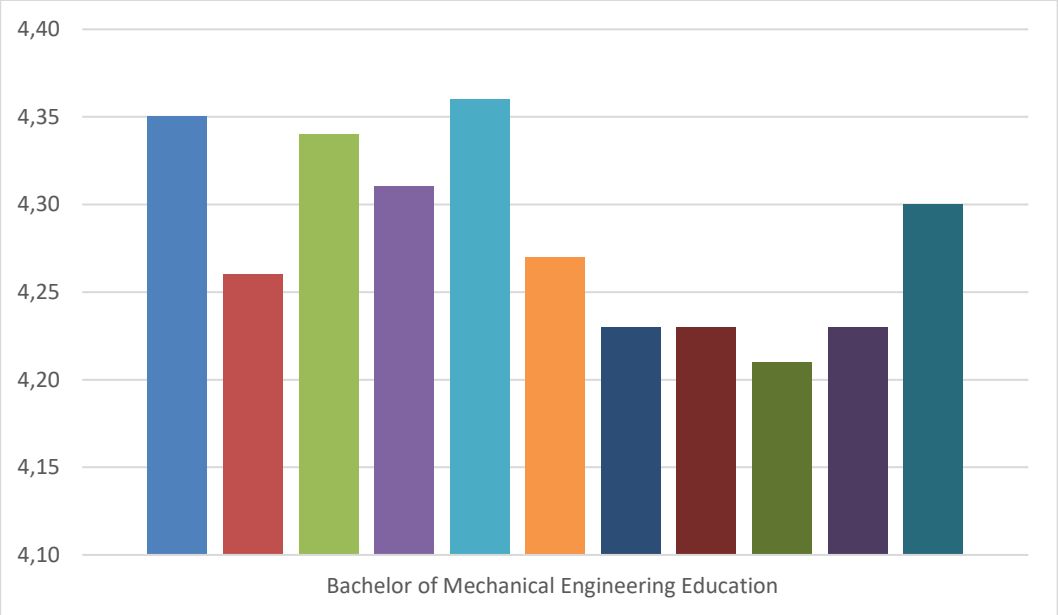

Figure 13. Monitoring and Evaluation Workshop Subject Lectures at the Beginning of Semester in Even Semester Academic Year of 2021/2022 – Bachelor of Mechanical Engineering Education (BoMEE)

Based on Table 18 and Figure 13, it is known that the results of monitoring and evaluation towards workshop subject lectures at the beginning of semester in Even semester Academic Year of 2021/2022 Bachelor of Mechanical Engineering Education (BoMEE) – FE of UNY only done by Bachelor of Mechanical Engineering Education (BoMEE) Study Programme. The average score is 4.35 with a very good category. It indicated that the implementation of workshop subject lectures at the beginning of semester in Bachelor of Mechanical Engineering Education worked well. Element/item on the Bachelor of Mechanical Engineering Education (BoMEE) questionnaire has the lowest score of 4.21 on The clarity on how to assess the results of workshop practice item with a **very good** category. The highest score was obtained on the clarity of workshop practice objectives item with a value of 4.52 in a **very good** category.

E. Monitoring and Evaluation of Early Assignment Course Courses

The Preliminary Assignment course has its questionnaire instrument for monitoring and evaluating lectures at the beginning of the semester of the Preliminary Assignment course. The instruments used in the initial assignment course are explicitly used to monitor and assess lectures for the initial assignment course. This questionnaire instrument consists of 12 items, covering: (1) adequacy of study programs in organizing pre-proposal training; (2) Conformity of the final assignment with the lecturer's scientific research; (3) scheduling by lecturers for the process of guiding the completion of the final project; (4) The use of guidance books/cards in the final project is monitored by using guidance books/cards; (5) The quality of the validation process in completing the final project; (6) Ease of communicating with supervisors; (7) Lecturer support in providing solutions to problems in completing the final project; (8) Lecturer's accuracy of the revision results in the process of writing the final project; (9) Support from supervising lecturers

in assisting students to obtain appropriate and up-to-date library resources; (10) Adequacy of meeting intensity with supervising lecturers in completing the final project; (11) Guiding lecturers to students to avoid plagiarism in writing their final project; (12) Study program monitoring of the progress of completing the final project (for example, there are meetings involving students and supervisors and study programs).

1. Faculty of Engineering

The average results of monitoring and evaluating lectures at the beginning of the semester for the Final Assignment course at UNY Faculty of Engineering can be seen in Table 19 and Figure 14.

Table 19. Monitoring and Evaluation of Lectures at the Beginning of the Semester for Final Project Courses at the beginning of the Even Semester for the 2021/2022 Academic Year.

No	Elements /Items	BoEEE	BoEEEIT	BoMEE	BoAE	BoCEEP	FE
1	Adequacy of study programs in organizing pre-proposal training.	3.88	3.99	4.24	4.20	4.16	4.10
2	Conformity of the final project with the lecturer's scientific research.	4.28	4.09	4.18	4.16	4.70	4.26
3	Scheduling by the lecturer on guiding the completion of the final project.	4.19	4.01	4.13	4.11	4.68	4.21
4	The use of books/guidance cards in the final project is monitored using books/guidance cards.	4.04	3.96	4.09	4.02	4.37	4.08
5	The quality of the validation process in completing the final project.	4.22	4.08	4.16	4.10	4.42	**4.18**
6	The easiness of communicating with supervisors.	4.25	4.18	4.23	4.31	4.67	**4.30**
7	Lecturers support in providing solutions to	4.34	4.24	4.27	4.25	4.72	**4.34**

No	Elements /Items	BoEEE	BoEEEIT	BoMEE	BoAE	BoCEEP	FE
	problems in completing the final project.						
8	The lecturer's attention to revision results in the final project writing.	4.25	4.26	4.20	4.32	4.68	**4.31**
9	Supervising lecturer support in helping students to obtain appropriate and up-to-date library resources.	4.27	4.11	4.18	4.19	4.68	**4.26**
10	The intensity of the meetings adequacy with supervisors in completing the final project.	4.21	4.02	4.15	4.14	4.64	**4.21**
11	Guidance of supervising lecturers to students to avoid plagiarism in writing the final project.	4.29	4.06	4.22	4.18	4.68	**4.27**
12	Study program monitoring of the progress of completing the final assignment (for example, there are meetings involving students and supervisors and study programs).	3.88	3.94	4.22	4.15	4.62	**4.15**
Average		**4.17**	**4.08**	**4.19**	**4.18**	**4.58**	**4.22**
Categories		**Good**	**Good**	**Good**	**Good**	**Very Good**	**Very Good**

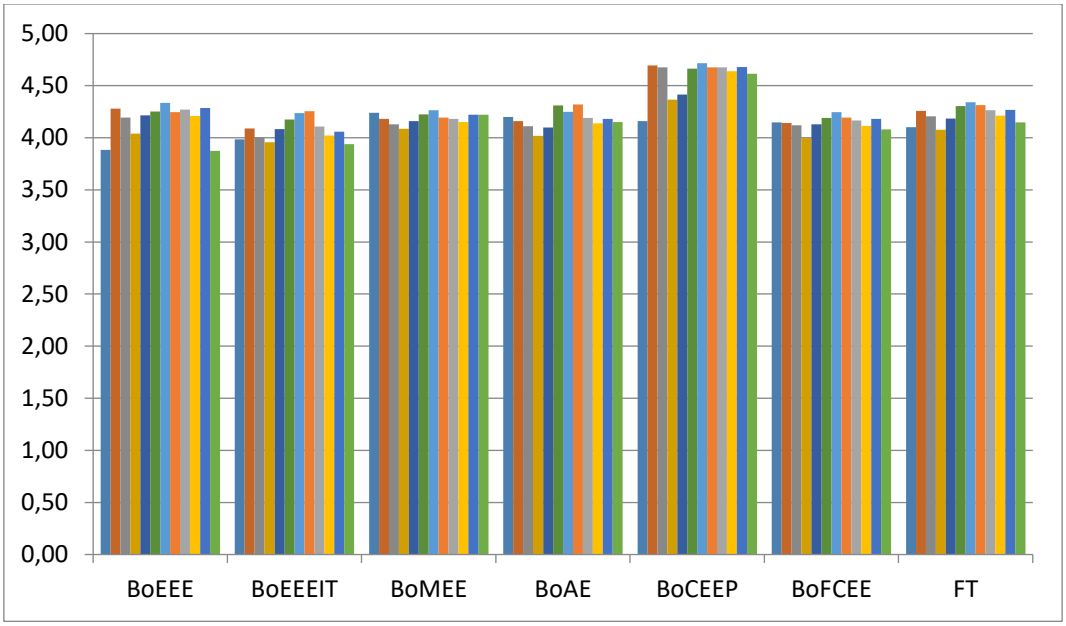

Figure 14. Monitoring and Evaluation of Lectures at the Beginning of the Semester for Final Assignments for Even Semester Academic Year 2021/2022 Engineering Faculty UNY

Based on Table 19 and Figure 14, it is known that the results of the questionnaire monitoring and evaluation of lectures at the beginning of the semester for the even semester final assignment for the 2021/2022 academic year Engineering Faculty UNY have an average of 4.22 in the very good category. This shows that implementing lectures for the initial assignment course at the beginning of the semester at Engineering Faculty UNY is in a very good category.

2. Bachelor of the Electronics Engineering Education (BoEEE) Study Programme & Bachelor of Information Technology (BoIT) Study Programme

The average results of monitoring and evaluation of lectures at the beginning of the semester for the final assignment course in the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme can be seen in Table 20 and Figure 15.

Table 20. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the Even Semester Final Assignment Courses for the 2021/2022 Academic Year.

No	Elements /Items	BoEEE
1	Adequacy of study programs in organizing pre-proposal training.	3.74
2	Conformity of the final project with the lecturer's scientific research.	3.90
3	Scheduling by the lecturer on guiding the completion of the final project.	3.81
4	The use of guidance books/cards in the final project is monitored using guidance books/cards.	3.74
5	The quality of the validation process in completing the final project.	4.00
6	The easiness of communicating with supervisors.	3.87
7	Lecturers support in providing solutions to problems in completing the final project.	3.97
8	The lecturer's attention to revision results in the final project writing.	4.06
9	Supervising lecturer support in helping students to obtain appropriate and up-to-date library resources.	3.84
10	Adequacy of the intensity of meetings with supervisors in completing the final project.	3.81
11	Guidance of supervising lecturers to students to avoid plagiarism in writing the final project.	3.94
12	Study program monitoring of the progress of completing the final assignment (for example, there are meetings involving students and supervisors and study programs).	3.84

No	Elements /Items	BoEEE
Average		3.88
Categories		Good

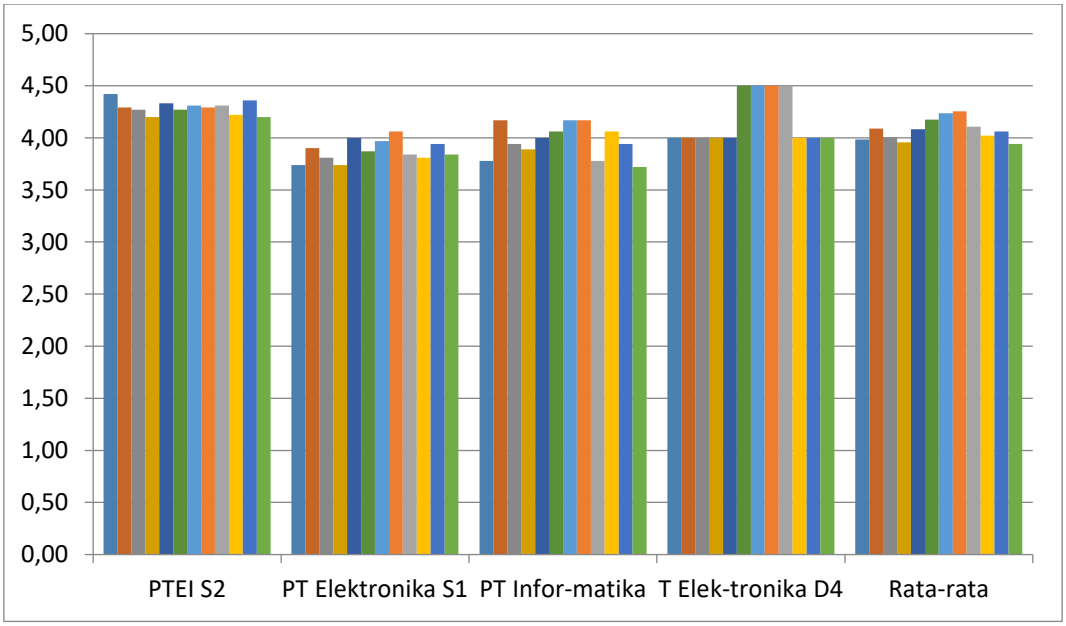

Figure 15. Monitoring and Evaluation of Early Semester Lectures for Laboratory Courses Even Semester 2021/2022 Academic Year the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme

Based on Table 20 and Figure 15, it is known that the results of the questionnaire monitoring and evaluation of lectures Beginning of the semester for the Even semester Final Assignment course for 2021/2022 Academic Year the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme, Faculty of Engineering, UNY has an average of 3.88 in the good category. This shows that the implementation of lectures for final assignment courses at the beginning of the semester in the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme, is in a suitable category. Undergraduate Information Technology did not fill out a monitoring and evaluation questionnaire for final assignment courses because in the Even semester of the 2021/2022 Academic Year, students took no final assignment courses. All averages obtained in the Bachelor of Electronics Engineering Education and Information Technology (BoEEEIT) Study Programme have good and very good categories.

3. Bachelor of Mechanical Engineering Education Study Programme (BoMEE)

The average results of monitoring and evaluating lectures at the beginning of the semester for the Final Project of the Bachelor of Mechanical Engineering Education Study Programme (BoMEE) can be seen in Table 21 and Figure 16.

Table 21. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the Even Semester Final Assignment Courses for the 2021/2022 Academic Year.

No	Elements/Items	BoMEE
1	Adequacy of study programs in organizing pre-proposal training.	3.85
2	Conformity of the final project with the lecturer's scientific research.	3.80
3	Scheduling by the lecturer on guiding the completion of the final project.	3.85
4	The use of guidance books/cards in the final project is monitored using guidance books/cards.	3.76
5	The quality of the validation process in completing the final project.	3.84
6	The easiness of communicating with supervisors.	3.89
7	Lecturers support in providing solutions to problems in completing the final project.	3.94
8	The lecturer's attention to revision results in the final project writing.	3.91
9	Supervising lecturer support in helping students to obtain appropriate and up-to-date library resources.	3.88
10	Adequacy of the intensity of meetings with supervisors in completing the final project.	3.82
11	Guidance of supervising lecturers to students to avoid plagiarism in writing the final project.	3.92
12	Study program monitoring of the progress of completing the final assignment (for example, there are	3.81

No	Elements/Items	BoMEE
	meetings involving students and supervisors and study programs).	
Average		**3.86**
Categories		**Good**

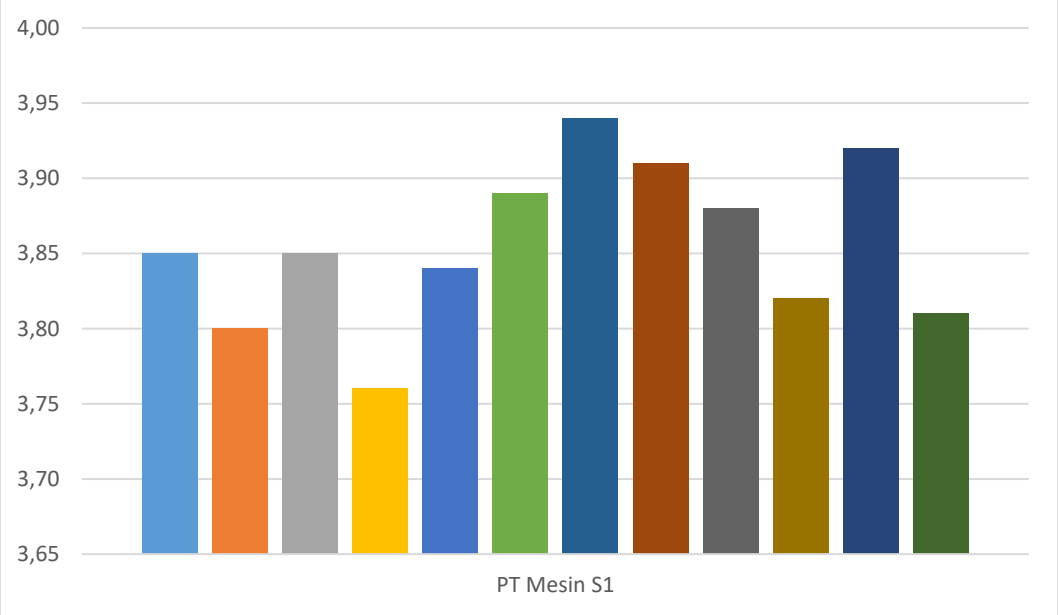

Figure 16. Monitoring and Evaluation of Early Semester Class Assignments Even Semester Initial Course Year 2021/2022 Bachelor of Mechanical Engineering Education Study Programme (BoMEE)

Based on Table 21 and Figure 16, it is known that the results of the questionnaire monitoring and evaluation of early semester lectures for Even Semester Final Assignments for 2021/2022 Academic Year, the Bachelor of Mechanical Engineering Education Study Programme (BoMEE), Faculty of Engineering UNY have an average of 4.19 in the good category. This shows that the implementation of lectures for final assignment courses at the beginning of the semester in the Bachelor of Mechanical Engineering Education Study Programme (BoMEE) is in a good category.

4. Bachelor of Automotive Engineering Education (BoAEE) Study Programme

The average results of monitoring and evaluation of lectures at the beginning of the semester for the final project of the Bachelor of Automotive Engineering Education (BoAEE) Study Programme can be seen in Table 22 and Figure 17.

Table 22. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the Even Semester Final Assignment Courses for the 2021/2022 Academic Year.

No	Elements/Items	BoAEE
1	Adequacy of study programs in organizing pre-proposal training.	4.2
2	Conformity of the final project with the lecturer's scientific research.	4.16
3	Scheduling by the lecturer on guiding the completion of the final project.	4.11
4	The use of guidance books/cards in the final project is monitored using guidance books/cards.	4.02
5	The quality of the validation process in completing the final project.	4.1
6	The easiness of communicating with supervisors.	4.31
7	Lecturers support in providing solutions to problems in completing the final project.	4.25
8	The lecturer's attention to revision results in the final project writing.	4.32
9	Supervising lecturer support in helping students to obtain appropriate and up-to-date library resources.	4.19
10	Adequacy of the intensity of meetings with supervisors in completing the final project.	4.14
11	Guidance of supervising lecturers to students to avoid plagiarism in writing the final project.	4.18
12	Study program monitoring of the progress of completing the final assignment (for example, there are meetings involving students and supervisors and study programs).	4.15
Average		**4.18**
Categories		**Very Good**

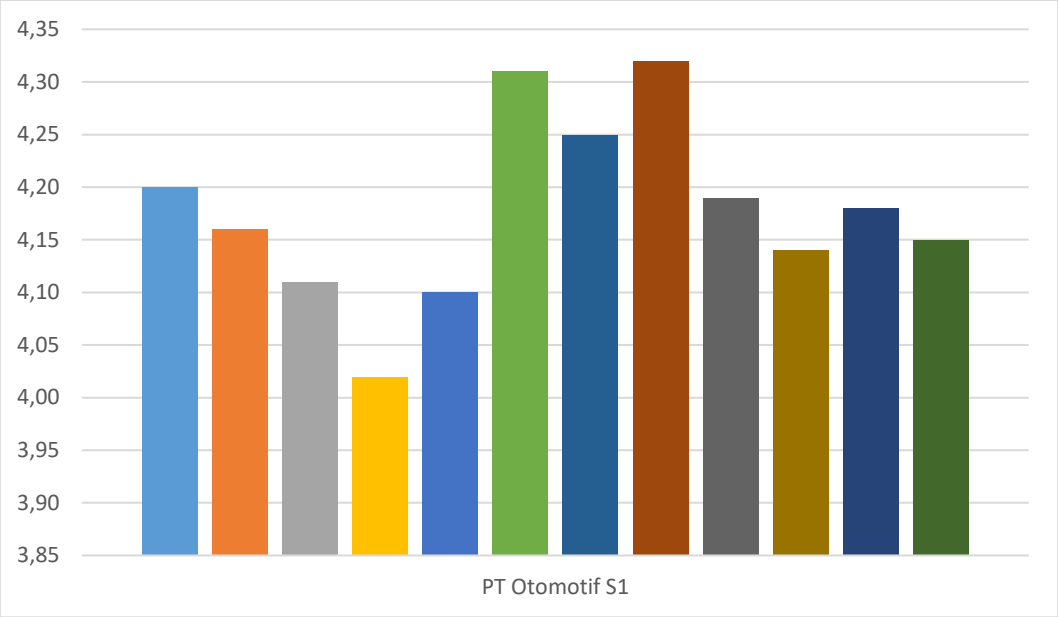

Figure 17. Monitoring and Evaluation of Beginning Semester Class Assignments for Even Semester Beginning Courses for Academic Year 2021/2022 Bachelor of Automotive Engineering Education (BoAEE) Study Programme

Based on Table 22 and Figure 17, it is known that the results of the questionnaire monitoring and evaluation of lectures at the beginning of the semester for the even semester final assignment for the 2021/2022 academic year, the Bachelor of Automotive Engineering Education (BoAEE) Study Programme, Faculty of Engineering. UNY has an average of 4.18 in the good category. This shows that implementing the initial assignment course at the beginning of the semester at Bachelor of Automotive Engineering Education (BoAEE) Study Programme is very good.

5. Bachelor of Civil Engineering Education and Planning (BoCEEP) Study Programme

The average results of monitoring and evaluating lectures at the beginning of the semester for the final project study program at the Bachelor of Civil Engineering Education and Planning (BoCEEP) Study Programme can be seen in Table 23 and Figure 18.

Table 23. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the Even Semester Final Assignments for the 2021/2022 Academic Year.

No	Elements/Items	BoCEEP
1	Adequacy of study programs in organizing pre-proposal training.	4.32

No	Elements/Items	BoCEEP
2	Conformity of the final project with the lecturer's scientific research.	4.39
3	Scheduling by the lecturer on guiding the completion of the final project.	4.35
4	The use of guidance books/cards in the final project is monitored using guidance books/cards.	4.23
5	The quality of the validation process in completing the final project.	4.33
6	The easiness of communicating with supervisors.	4.33
7	Lecturers support in providing solutions to problems in completing the final project.	4.43
8	The lecturer's attention to revision results in the final project writing.	4.35
9	Supervising lecturer support in helping students to obtain appropriate and up-to-date library resources.	4.35
10	Adequacy of the intensity of meetings with supervisors in completing the final project.	4.28
11	Guidance of supervising lecturers to students to avoid plagiarism in writing the final project.	4.36
12	Study program monitoring of the progress of completing the final assignment (for example, there are meetings involving students and supervisors and study programs).	4.23
Average		**4.33**
Categories		**Very Good**

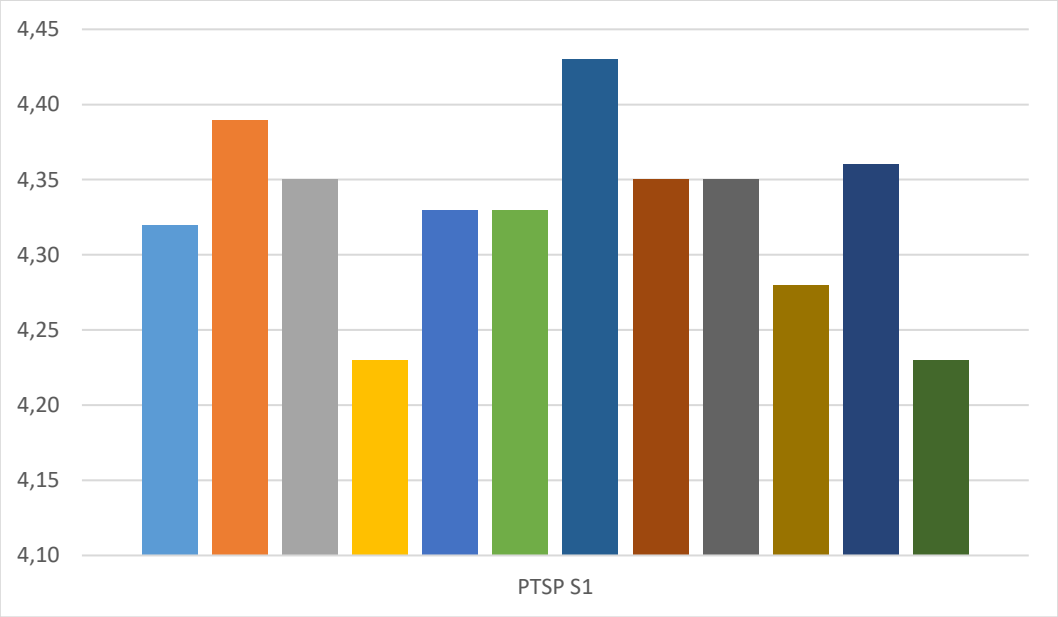

Figure 18. Monitoring and Evaluation of Early Semester Lectures Assignment Courses for Even Semester Academic Year 2021/2022 Bachelor of Civil Engineering Education and Planning (BoCEEP) Study Programme

Based on Table 23 and Figure 18, it is known that the results of the questionnaire monitoring and evaluation of lectures Beginning of the semester of the Even Semester Final Assignment course for 2020/2019 Academic Year the Bachelor of Civil Engineering Education and Planning (BoCEEP) Study Programme, Faculty of Engineering, UNY has an average of 4.33 in the very good category. This shows that the implementation of lectures for final assignment courses at the beginning of the semester in the Bachelor of Civil Engineering Education and Planning (BoCEEP) Study Programme is in a very good category.

F. Recommendation

Based on the results that have been described, the following recommendations can be given:

1. This result must be maintained by implementing lectures in theory courses in the **Very Good** category for all Faculty of Engineering, UNY.
2. This result must be maintained by implementing lectures for laboratory courses in the **Very Good** category for all Faculty of Engineering, UNY.
3. This result must be maintained by implementing workshop courses in the **Very Good** category for all Faculty of Engineering, UNY.
4. This result must be maintained by implementing lectures for Final Project courses in the **Very Good** category for all Faculty of Engineering, UNY.
5. Students who fill out the e-monev at the beginning of the semester must be improved, especially for the Final Assignment Course.

Yogyakarta, 1st April 2022

Faculty of Engineering, UNY Audit and Monev Division Team

Quality Assurance Unit
Faculty of Engineering
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