



**UNIVERSITAS
NEGERI YOGYAKARTA**
Leading in Character Education



**MONITORING AND
EVALUATION REPORT
ON
TEACHING-LEARNING
PROCESS**

FACULTY OF ENGINEERING

***Master of Electrical Engineering Education (MEEE)
Master of Electronics and Informatics Engineering Education (MEIEE)
Master of Mechanical Engineering Education (MMEE)
Bachelor of Informatics Engineering Education (BIEE)***

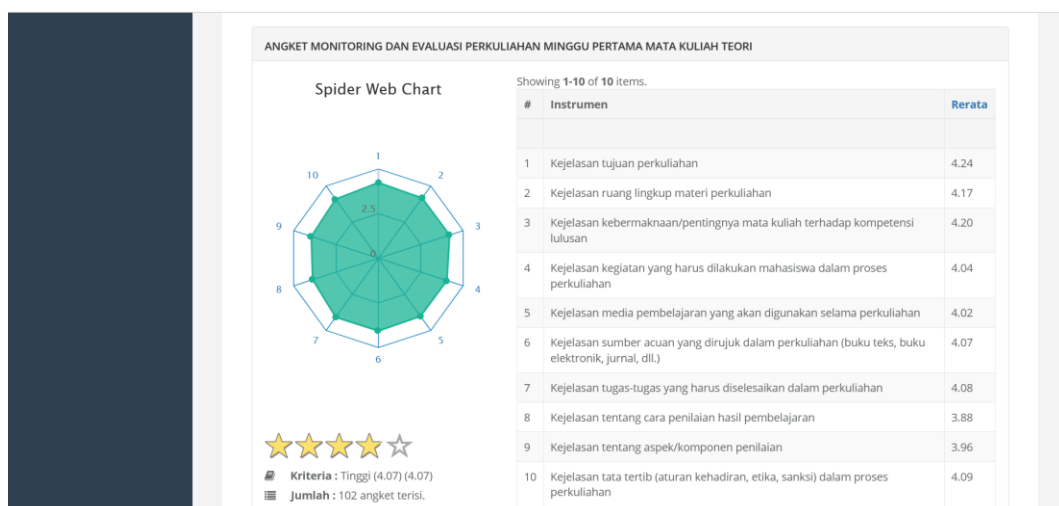
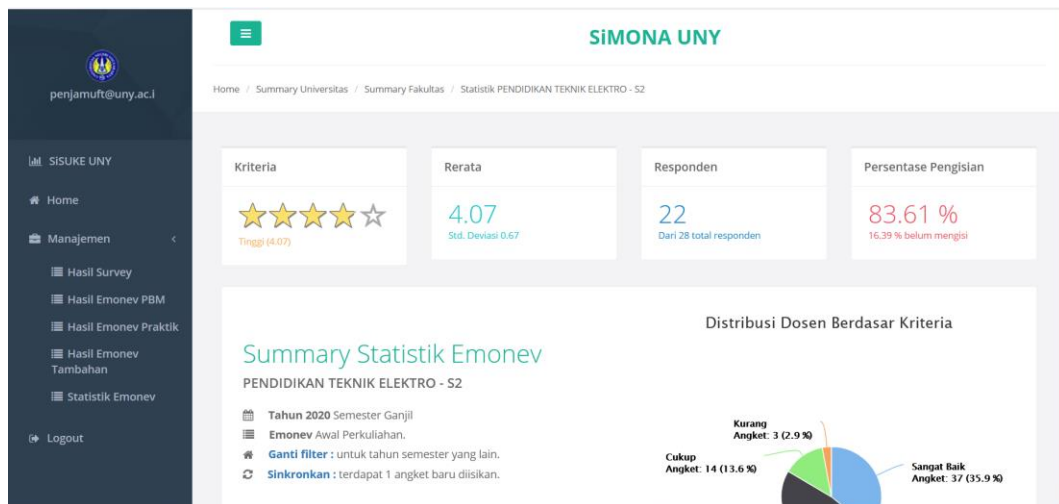
Monitoring and Evaluation Report at The Beginning of The First Semester of The Academic Year 2020/2021 Master of Electrical Engineering Education (MEEE)

A. Mechanism

UNY has improved the monitoring and evaluation system for the teaching and learning process of students by carrying out the monitoring and evaluation process twice in one semester. The first is carried out at the beginning of the semester in September 2020. The second is carried out at the end of the semester in January 2021. This system aims to measure the quality of the student's teaching and learning process for each subject in each semester. This monitoring and evaluation system is available online at (<http://survey.uny.ac.id/emonev-pbm/>).

Monitoring beginning of the semester held September 2020 in the first half of the academic year 2020/2021. This system is managed by the university and each study program has a team that is responsible for monitoring and evaluation. The team has an admin account to retrieve and analyze survey data. The system display is shown in the following figure.





B. Number of Respondents

MEEE students have filled out the instrument on September 1 – September 15, 2020. Table 1 below is the number of completed questionnaires.

Tabel 1. Number of Respondents of MEEE Students

No	Study Programme	The Filled Instrument	
		Teori	Tugas Akhir
1.	MEEE	102	0

Table 1 shows the number of filled instruments in BIEE. The instrument is filled in the first week of theoretical courses with a total of 102 questionnaires, and a Final Project (Thesis) course with 0 questionnaires. Student participation in filling out the questionnaire needs to be increased again. There are some

students who have not filled out this instrument. These results can be used as a reference for lecturers and institutions to develop a better learning process.

C. Monitoring and Evaluation of Theory Courses

Monitoring and evaluation of theoretical courses is measured by several indicators. These indicators are assessed by students taking the course. These indicators include: (1) Clarity of course objectives; (2) Clarity of the scope of the lecture material; (3) Clarity of the meaning/importance of the courses on the competence of graduates; (4) Clarity of activities that must be carried out by students in the lecture process; (5) Clarity of learning media that will be used during lectures; (6) Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.); (7) Clarity of tasks that must be completed in lectures; (8) Clarity on how to assess learning outcomes; (9) Clarity on aspects/components of the assessment; and (10) Clarity of rules (attendance rules, ethics, punishments) in the lecture process.

The average results of monitoring and evaluation of theoretical lectures at MEEE are shown in Table 2 and Figure 1.

Table 2. Monitoring and Evaluation of Lectures at the Beginning of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEEE

No	Items	Score
1.	Clarity of course objectives	4.24
2.	Clarity of the scope of the lecture material	4.17
3.	Clarity of the meaning/importance of the courses on the competence of graduates	4.20
4.	Clarity of activities that must be carried out by students in the lecture process	4.04
5.	Clarity of learning media that will be used during lectures	4.02
6.	Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.)	4.07
7.	Clarity of tasks that must be completed in lectures	4.08
8.	Clarity on how to assess learning outcomes	3.88
9.	Clarity on aspects/components of the assessment	3.96
10.	Clarity of rules (attendance rules, ethics, punishments) in the lecture process.	4.09
Average		4.08
Category		Very Good

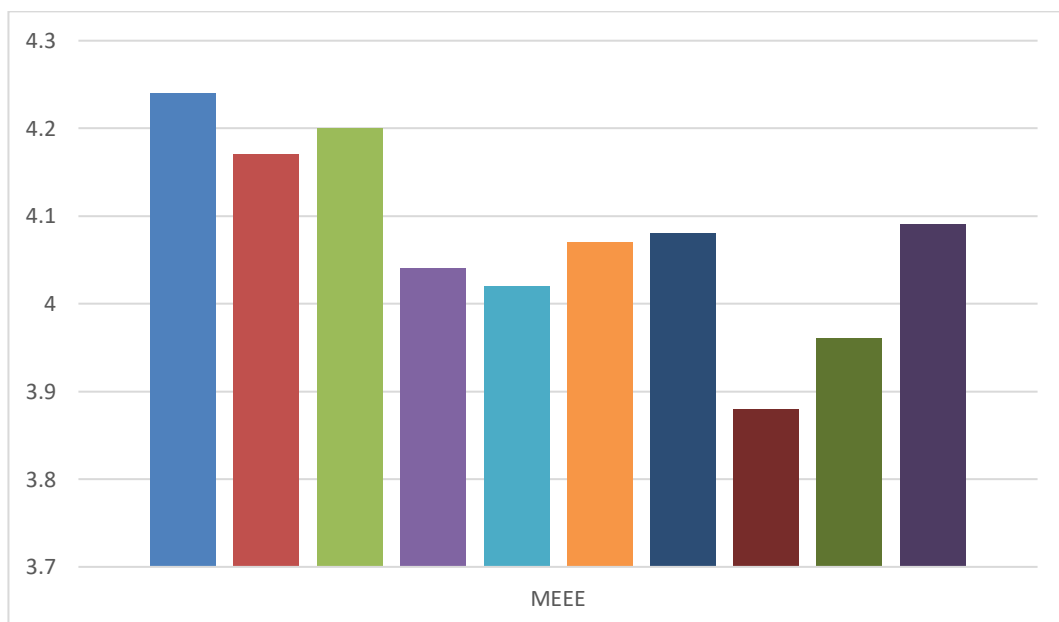


Figure 1. Monitoring and Evaluation of Lectures at the Beginning of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEEE

Table 2 and Figure 1 show the results of instruments filled with monitoring and evaluation in the first week of theory courses in the first semester of the 2020/2021 Academic Year. MEEE has an average of 4.08 in the very good category. Items in the MEEE questionnaire have the lowest score of 3.88 on the Clarity on how to assess learning outcomes. The highest item was obtained on the item Clarity of course objectives with a value of 4.24.

D. Suggestions

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

1. Implementation of theoretical courses in the Very Good category, then these results must be maintained.
2. Students who fill out the instrument at the beginning of the semester need to be improved.

Yogyakarta, October 3, 2020

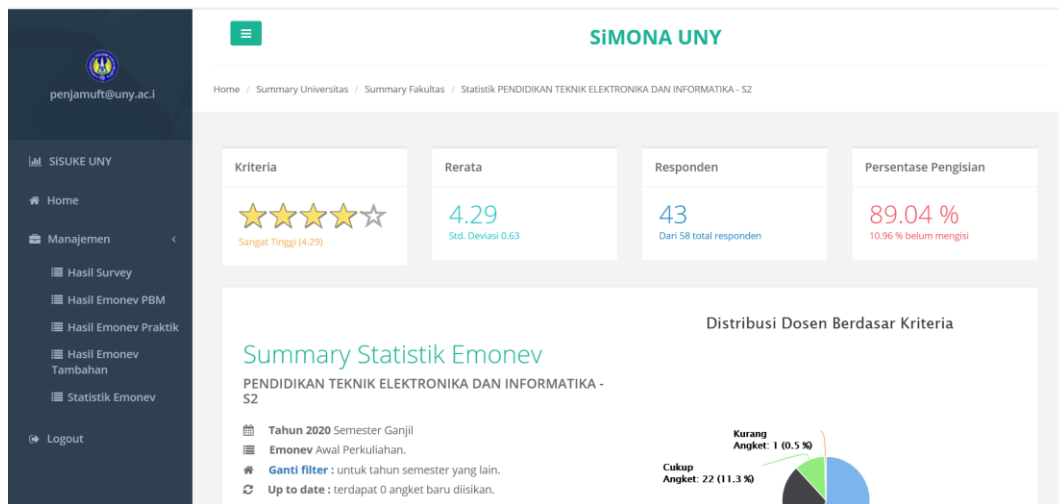
Monitoring and Evaluation Report at The Beginning of The First Semester of The Academic Year 2020/2021 Master of Electronics and Informatics Engineering Education (MEIEE)

A. Mechanism

UNY has improved the monitoring and evaluation system for the teaching and learning process of students by carrying out the monitoring and evaluation process twice in one semester. The first is carried out at the beginning of the semester in September 2020. The second is carried out at the end of the semester in January 2021. This system aims to measure the quality of the student's teaching and learning process for each subject in each semester. This monitoring and evaluation system is available online at (<http://survey.uny.ac.id/emonev-pbm/>).

Monitoring beginning of the semester held September 2020 in the first half of the academic year 2020/2021. This system is managed by the university and each study program has a team that is responsible for monitoring and evaluation. The team has an admin account to retrieve and analyze survey data. The system display is shown in the following figure.





B. Number of Respondents

MEIEE students have filled out the instrument on September 1 – September 15, 2020. Table 1 below is the number of completed questionnaires.

Table 1. Number of Respondents of MEIEE Students

No	Study Programme	The Filled Instrument	
		Theory	Thesis
1.	MEIEE	191	4

Table 1 shows the number of filled instruments in MEIEE. The instrument is filled in the first week of theoretical courses with a total of 191 questionnaires, and a Final Project (Thesis) course with 4 questionnaires.

C. Monitoring and Evaluation of Theory Courses

Monitoring and evaluation of theoretical courses is measured by several indicators. These indicators are assessed by students taking the course. These indicators include: (1) Clarity of course objectives; (2) Clarity of the scope of the lecture material; (3) Clarity of the meaning/importance of the courses on the competence of graduates; (4) Clarity of activities that must be carried out by students in the lecture process; (5) Clarity of learning media that will be used during lectures; (6) Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.); (7) Clarity of tasks that must be completed in lectures; (8) Clarity on how to assess learning outcomes; (9) Clarity on aspects/components of the assessment; and (10) Clarity of rules (attendance rules, ethics, punishments) in the lecture process.

The average results of monitoring and evaluation of theoretical lectures at MEIEE are shown in Table 2 and Figure 1.

Table 2. Monitoring and Evaluation of Lectures at the Beginning of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEIEE

No	Items	Score
1.	Clarity of course objectives	4.43
2.	Clarity of the scope of the lecture material	4.35
3.	Clarity of the meaning/importance of the courses on the competence of graduates	4.47
4.	Clarity of activities that must be carried out by students in the lecture process	4.28
5.	Clarity of learning media that will be used during lectures	4.31
6.	Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.)	4.30
7.	Clarity of tasks that must be completed in lectures	4.20
8.	Clarity on how to assess learning outcomes	4.12
9.	Clarity on aspects/components of the assessment	4.10
10.	Clarity of rules (attendance rules, ethics, punishments) in the lecture process.	4.22
Average		4.28
Category		Very Good

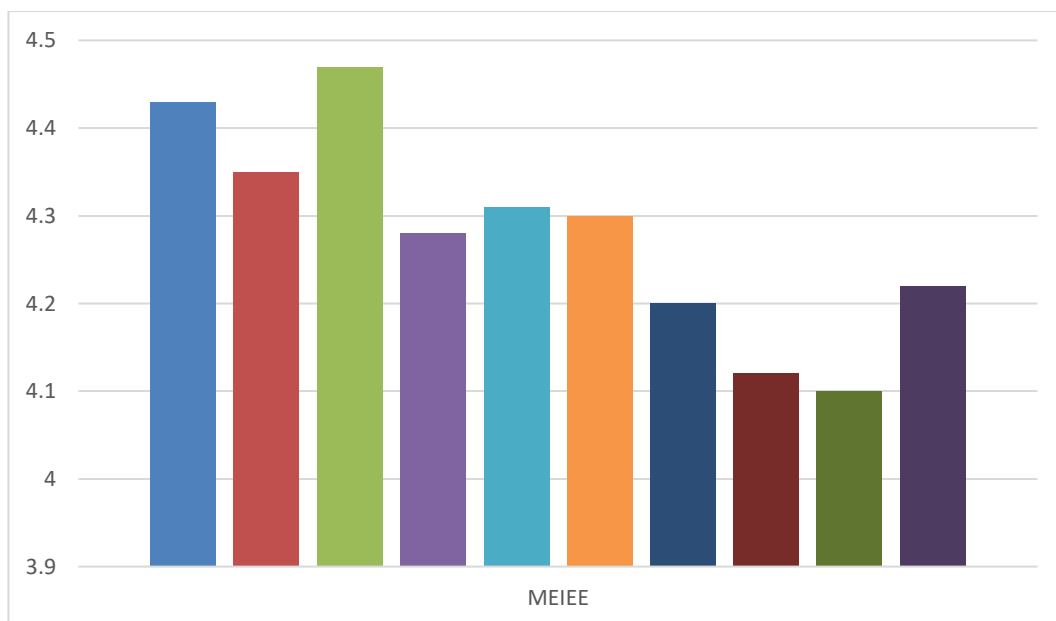


Figure 1. Monitoring and Evaluation of Lectures at the Beginning of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEIEE

Table 2 and Figure 1 show the results of instruments filled with monitoring and evaluation in the first week of theory courses in the first semester of the 2020/2021 Academic Year. MEIEE has an average of 4.28 in the very good category. Items in the MEIEE questionnaire have the lowest score of 4.10 on the Clarity on aspects/components of the assessment mes. The highest item was obtained on the item Clarity of the meaning/importance of the courses on the competence of graduates with a value of 4.7.

D. Monitoring and Evaluation of Final Project Course

The questionnaire instrument consists of 12 items, including: (1) The adequacy of the study program in organizing pre-proposal briefings; (2) The suitability of the final project with collaborative research with lecturers; (3) Scheduling by the lecturer on the process of supervising the completion of the final project; (4) The use of the guidance book in the final project is monitored by using the guidance book; (5) the quality of the validation process in the

completion of the final project; (6) Ease of communicating with supervisors; (7) Lecturer support in providing solutions to problems in completing the final project; (8) The lecturer's accuracy in the revision results in the process of writing the final project; (9) Supporting supervisors in helping students to obtain appropriate and up-to-date library sources; (10) Sufficient intensity of meetings with supervisors in completing the final project; (11) Guidance of supervisors to students to avoid plagiarism in writing the final project; and (12) Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).

The average results of monitoring and evaluation of lectures at the end of the semester for the MEIEE final project can be seen in Table 3 and Figure 2.

Table 3. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the First Semester Final Project for the 2020/2021 MEIEE Academic Year

No	Items	Score
1	The adequacy of the study program in organizing pre-proposal briefings	4.25
2	The suitability of the final project with collaborative research with lecturers	4.00
3	Scheduling by the lecturer on the process of supervising the completion of the final project	4.50
4	The use of the guidance book in the final project is monitored by using the guidance book	4.50
5	the quality of the validation process in the completion of the final project	4.25
6	Ease of communicating with supervisors	5.00
7	Lecturer support in providing solutions to problems in completing the final project	5.00
8	The lecturer's accuracy in the revision results in the process of writing the final project	4.75
9	Supporting supervisors in helping students to obtain appropriate and up-to-date library sources	5.00
10	Sufficient intensity of meetings with supervisors in completing the final project.	4.50

No	Items	Score
11	Guidance of supervisors to students to avoid plagiarism in writing the final project.	5.00
12	Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).	4.25
Average		4.58
Category		Very Good

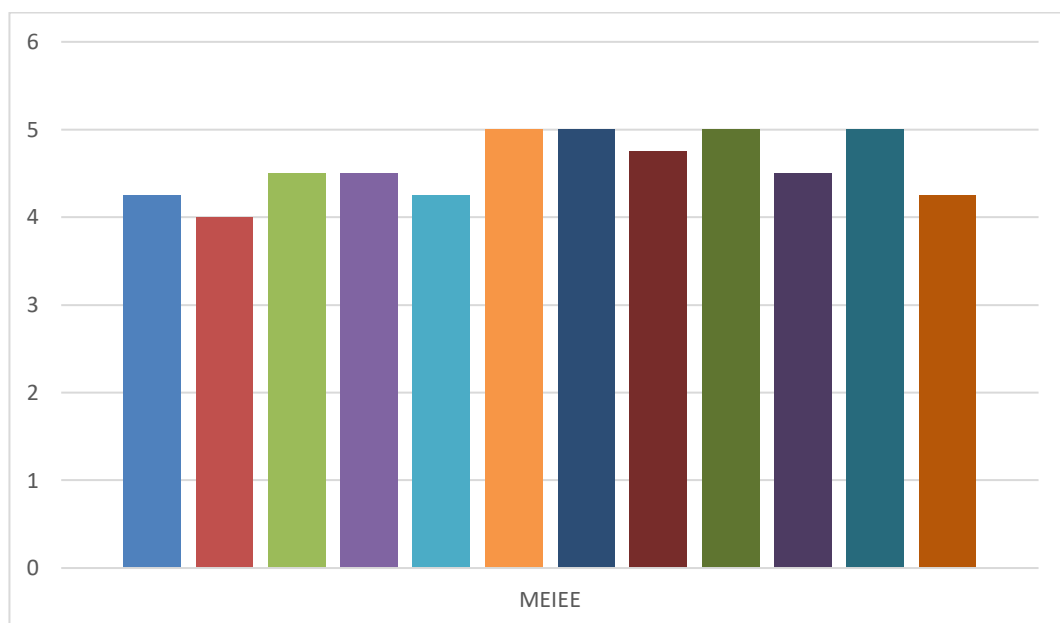


Figure 2. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the First Semester Final Project for the 2020/2021 MEIEE Academic Year

Table 3 and Figure 2 show the instruments filled out in the monitoring and evaluation of the first week of the Final Project course in the first semester of the 2020/2021 Academic Year. MEIEE has an average of 4.58 in the very good category. The item on the MEIEE questionnaire has the lowest score of 4 on the item The suitability of the final project with collaborative research with lecturers. The highest item was obtained on the item Ease of communicating with supervisors, Lecturer support in providing solutions to problems in completing the final project, Supporting supervisors in helping students to

obtain appropriate and up-to-date library sources, and Guidance of supervisors to students to avoid plagiarism in writing the final project was 5.

E. Suggestions

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

1. Implementation of theoretical courses in the Very Good category, then these results must be maintained.
2. The implementation of the Final Project course in the Very Good category, then this result must be maintained.
3. Students who fill out the instrument at the beginning of the semester need to be improved.

Yogyakarta, October 3, 2020

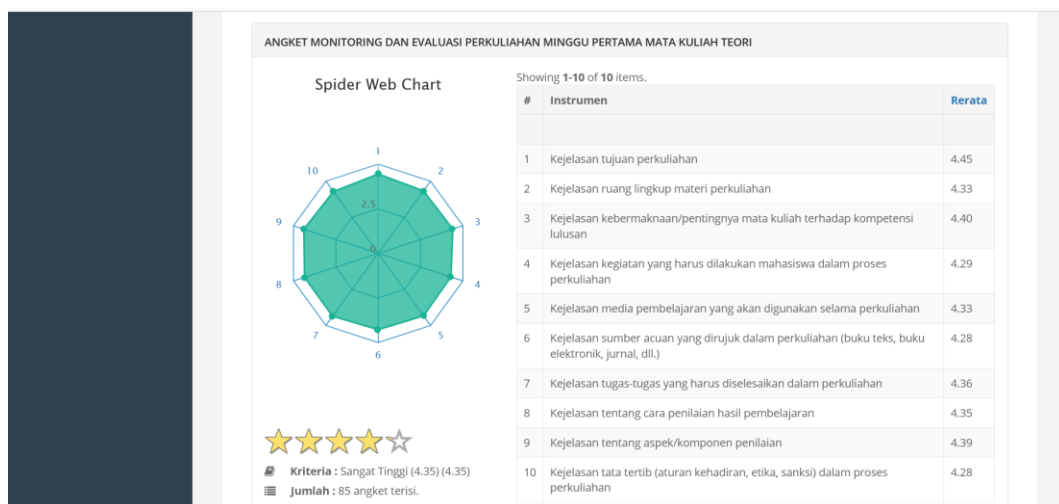
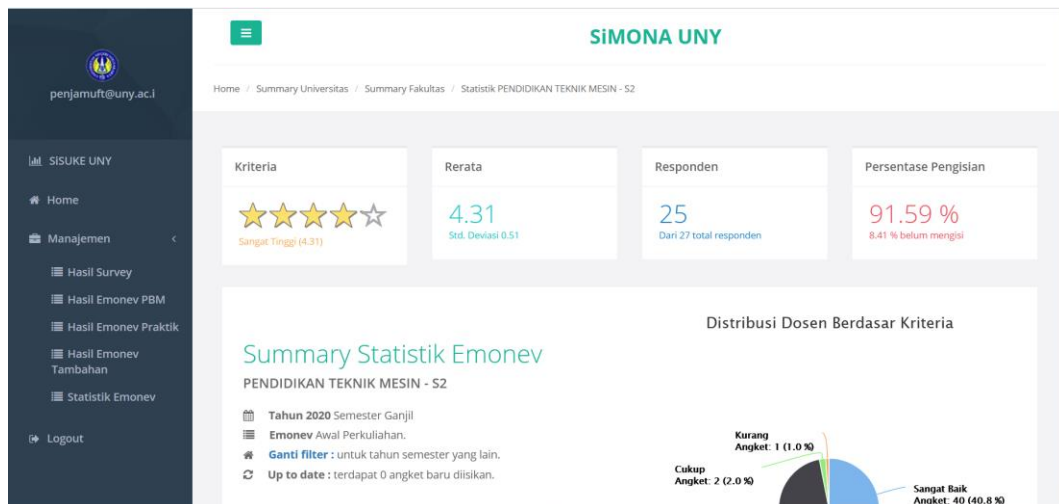
Monitoring and Evaluation Report at The Beginning of The First Semester of The Academic Year 2020/2021 Master of Mechanical Engineering Education (MMEE)

A. Mechanism

UNY has improved the monitoring and evaluation system for the teaching and learning process of students by carrying out the monitoring and evaluation process twice in one semester. The first is carried out at the beginning of the semester in September 2020. The second is carried out at the end of the semester in January 2021. This system aims to measure the quality of the student's teaching and learning process for each subject in each semester. This monitoring and evaluation system is available online at (<http://survey.uny.ac.id/emonev-pbm/>).

Monitoring beginning of the semester held September 2020 in the first half of the academic year 2020/2021. This system is managed by the university and each study program has a team that is responsible for monitoring and evaluation. The team has an admin account to retrieve and analyze survey data. The system display is shown in the following figure.





B. Number of Respondents

MMEE students have filled out the instrument on September 1 – September 15, 2020. Table 1 below is the number of completed questionnaires.

Table 1. Number of Respondents of MMEE Students

No	Study Programme	The Filled Instrument	
		Theory	Thesis
1.	MMEE	85	13

Table 1 shows the number of filled instruments in MMEE. The instrument is filled in the first week of theoretical courses with a total of 85 questionnaires, and a Final Project (Thesis) course with 13 questionnaires.

Student participation in filling out the questionnaire needs to be increased again. There are some students who have not filled out this instrument. These results can be used as a reference for lecturers and institutions to develop a better learning process.

C. Monitoring and Evaluation of Theory Courses

Monitoring and evaluation of theoretical courses is measured by several indicators. These indicators are assessed by students taking the course. These indicators include: (1) Clarity of course objectives; (2) Clarity of the scope of the lecture material; (3) Clarity of the meaning/importance of the courses on the competence of graduates; (4) Clarity of activities that must be carried out by students in the lecture process; (5) Clarity of learning media that will be used during lectures; (6) Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.); (7) Clarity of tasks that must be completed in lectures; (8) Clarity on how to assess learning outcomes; (9) Clarity on aspects/components of the assessment; and (10) Clarity of rules (attendance rules, ethics, punishments) in the lecture process.

The average results of monitoring and evaluation of theoretical lectures at MMEE are shown in Table 2 and Figure 1.

Table 2. Monitoring and Evaluation of Lectures at the Beginning of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MMEE

No	Items	Score
1.	Clarity of course objectives	4.45
2.	Clarity of the scope of the lecture material	4.33
3.	Clarity of the meaning/importance of the courses on the competence of graduates	4.40
4.	Clarity of activities that must be carried out by students in the lecture process	4.29
5.	Clarity of learning media that will be used during lectures	4.33
6.	Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.)	4.28
7.	Clarity of tasks that must be completed in lectures	4.36
8.	Clarity on how to assess learning outcomes	4.35
9.	Clarity on aspects/components of the assessment	4.39
10.	Clarity of rules (attendance rules, ethics, punishments) in the lecture process.	4.28
Average		4.35
Category		Very Good

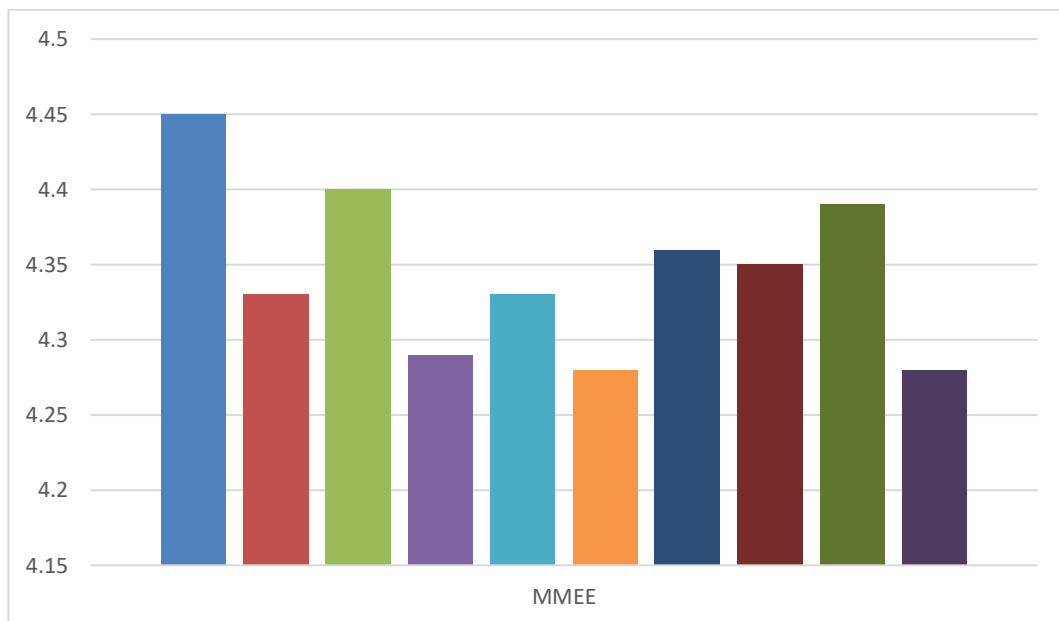


Figure 1. Monitoring and Evaluation of Lectures at the Beginning of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MMEE

Table 2 and Figure 1 show the results of instruments filled with monitoring and evaluation in the first week of theory courses in the first semester of the 2020/2021 Academic Year. MMEE has an average of 4.35 in the very good category. Items in the MMEE questionnaire have the lowest score of 4.28 on the Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.). The highest item was obtained on the item Clarity of lecture objectives with a value of 4.45.

D. Monitoring and Evaluation of Final Project Course

The questionnaire instrument consists of 12 items, including: (1) The adequacy of the study program in organizing pre-proposal briefings; (2) The suitability of the final project with collaborative research with lecturers; (3) Scheduling by the lecturer on the process of supervising the completion of the final project; (4) The use of the guidance book in the final project is monitored by using the guidance book; (5) the quality of the validation process in the completion of the final project; (6) Ease of communicating with supervisors; (7) Lecturer support in providing solutions to problems in completing the final project; (8) The lecturer's accuracy in the revision results in the process of writing the final project; (9) Supporting supervisors in helping students to obtain appropriate and up-to-date library sources; (10) Sufficient intensity of meetings with supervisors in completing the final project; (11) Guidance of supervisors to students to avoid plagiarism in writing the final project; and (12) Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).

The average results of monitoring and evaluation of lectures at the end of the semester for the MMEE final project can be seen in Table 3 and Figure 1.

Table 3. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the First Semester Final Project for the 2020/2021 MMEE Academic Year.

No	Items	Score
1	The adequacy of the study program in organizing pre-proposal briefings	4.31

No	Items	Score
2	The suitability of the final project with collaborative research with lecturers	4.08
3	Scheduling by the lecturer on the process of supervising the completion of the final project	4.15
4	The use of the guidance book in the final project is monitored by using the guidance book	3.46
5	the quality of the validation process in the completion of the final project	4.15
6	Ease of communicating with supervisors	4.31
7	Lecturer support in providing solutions to problems in completing the final project	4.23
8	The lecturer's accuracy in the revision results in the process of writing the final project	4.31
9	Supporting supervisors in helping students to obtain appropriate and up-to-date library sources	3.69
10	Sufficient intensity of meetings with supervisors in completing the final project.	4.15
11	Guidance of supervisors to students to avoid plagiarism in writing the final project.	3.69
12	Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).	3.92
Average		4.04
Category		Very Good

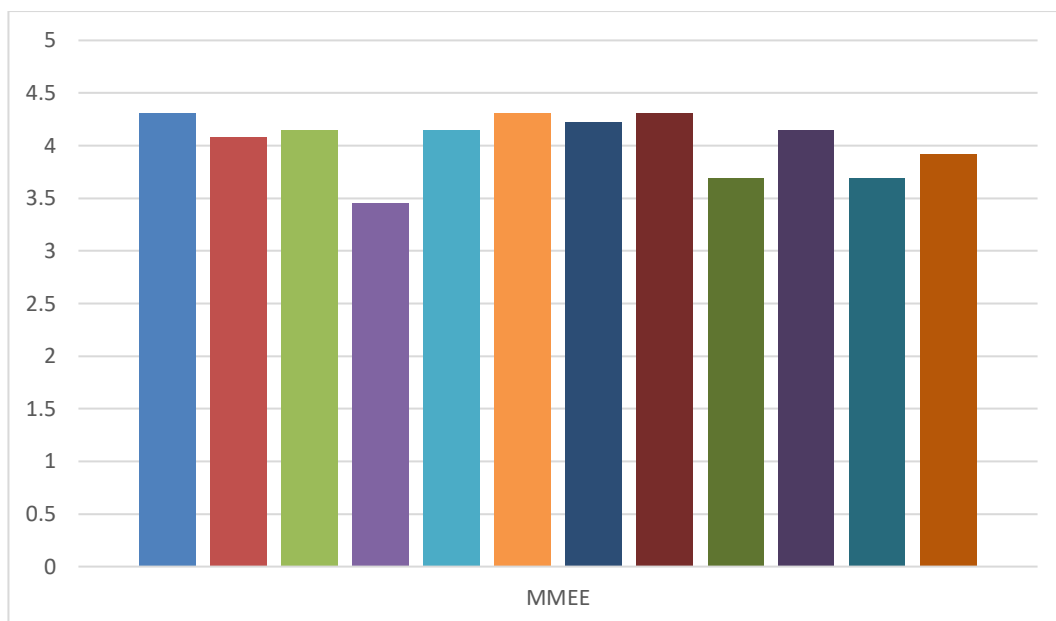


Figure 1. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the First Semester Final Project for the 2020/2021 MMEE Academic Year

Table 3 and Figure 2 show the instruments filled out in the monitoring and evaluation of the first week of the Final Project course in the first semester of the 2020/2021 Academic Year. MMEE has an average of 4.04 in the very good category. The item on the MMEE questionnaire has the lowest score of 3.46 on the item The use of the guidance book in the final project is monitored by using the guidance book. The highest item was obtained on the item The adequacy of the study program in organizing pre-proposal briefings, Ease of communicating with supervisors, and The lecturer's accuracy in the revision results in the process of writing the final project was 4.31

E. Suggestions

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

1. Implementation of theoretical courses in the Very Good category, then these results must be maintained.
2. The implementation of the Final Project course in the Very Good category, then this result must be maintained.

3. Students who fill out the instrument at the beginning of the semester need to be improved.

Yogyakarta, October 3, 2020

Monitoring and Evaluation Report at The Beginning of The First Semester of The Academic Year 2020/2021 Bachelor In Informatics Engineering Education (BIEE)

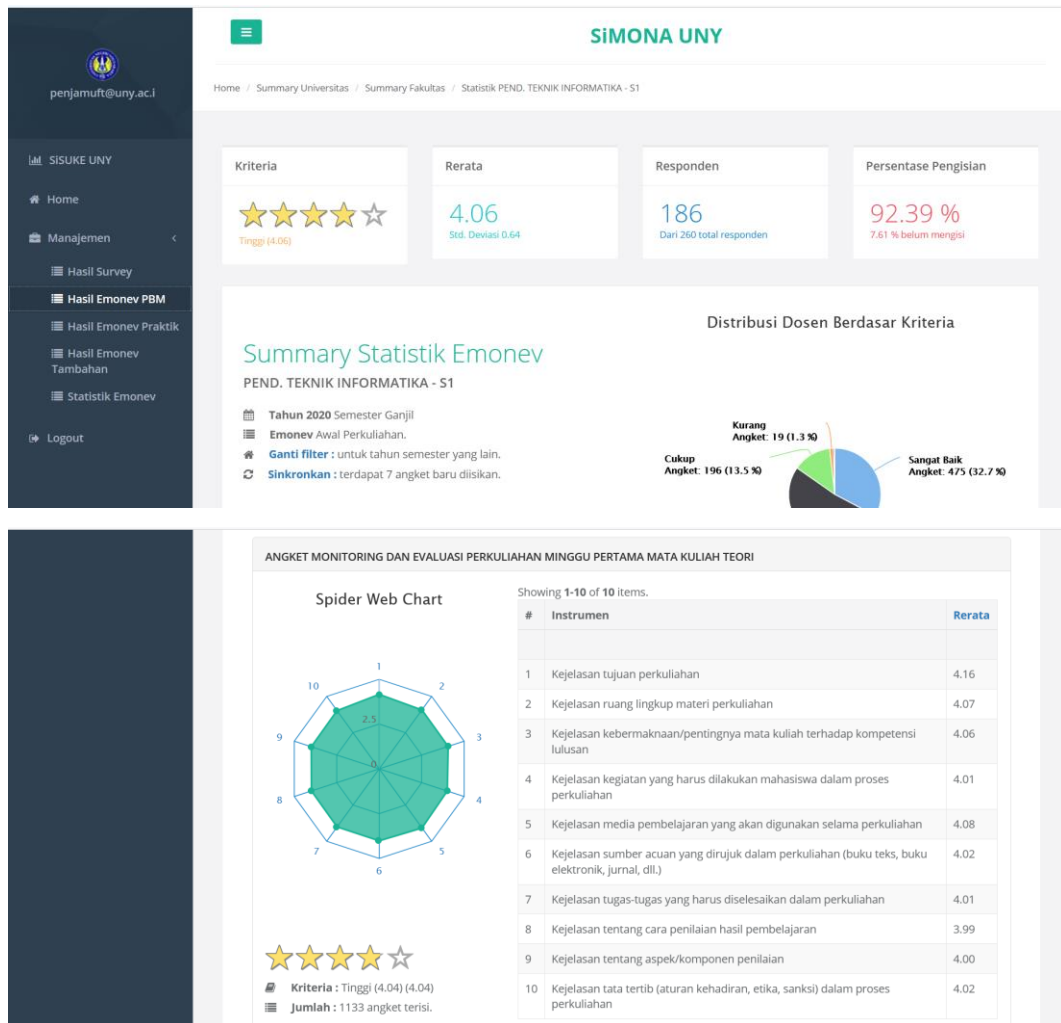
A. Mechanism

UNY has improved the monitoring and evaluation system for the teaching and learning process of students by carrying out the monitoring and evaluation process twice in one semester. The first is carried out at the beginning of the semester in September 2020. The second is carried out at the end of the semester in January 2021. This system aims to measure the quality of the student's teaching and learning process for each subject in each semester. This monitoring and evaluation system is available online at (<http://survey.uny.ac.id/emonev-pbm/>).

Monitoring beginning of the semester held September 2020 in the first half of the academic year 2020/2021. This system is managed by the university and each study program has a team that is responsible for monitoring and evaluation. The team has an admin account to retrieve and analyze survey data. The system display is shown in the following figure.



The screenshot displays the 'SURVEY UNY' web application interface. On the left is a dark sidebar menu with the email 'penjamufk@uny.ac.i' and a 'Logout' button. The main content area has a header with 'SURVEY UNY' and a breadcrumb trail 'Home / eMonev PBM | Hasil Pengisian Emonev'. The page title is 'Hasil Pengisian Emonev'. Below this is a 'Filter Pencarian' section with four dropdown menus: 'Tahun Akademik' (Tahun 2020 Sem. Gasal), 'Awal Akhir' (Awal Semester), 'Fakultas' (Fakultas Teknik), and 'Prodi' (PEND. TEKNIK INFORMATIKA - S1). A green 'Cari' button is positioned below the filters.



B. Number of Respondents

BIEE students have filled out the instrument on September 1 – September 15, 2020. Table 1 below is the number of completed questionnaires.

Table 1. Number of Respondents of BIEE Students

No	Study Programme	The Filled Instrument		
		Theory	Practice	Thesis
1.	BIEE	1132	270	43

Table 1 shows the number of filled instruments in BIEE. The instrument is filled in the first week of theoretical courses with a total of 1132 questionnaires, practical courses with 270 questionnaires, and a Final Project (Thesis) course with 43 questionnaires.

Student participation in filling out the questionnaire needs to be increased again. There are some students who have not filled out this instrument. These results can be used as a reference for lecturers and institutions to develop a better learning process.

C. Monitoring and Evaluation of Theory Courses

Monitoring and evaluation of theoretical courses is measured by several indicators. These indicators are assessed by students taking the course. These indicators include: (1) Clarity of course objectives; (2) Clarity of the scope of the lecture material; (3) Clarity of the meaning/importance of the courses on the competence of graduates; (4) Clarity of activities that must be carried out by students in the lecture process; (5) Clarity of learning media that will be used during lectures; (6) Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.); (7) Clarity of tasks that must be completed in lectures; (8) Clarity on how to assess learning outcomes; (9) Clarity on aspects/components of the assessment; and (10) Clarity of rules (attendance rules, ethics, punishments) in the lecture process.

The average results of monitoring and evaluation of theoretical lectures at BIEE are shown in Table 2 and Figure 1.

Table 2. Monitoring and Evaluation of Lectures at the Beginning of Semester of Theory Courses First Semester of the 2020/2021 Academic Year BIEE

No	Items	Score
1.	Clarity of course objectives	4.16
2.	Clarity of the scope of the lecture material	4.07
3.	Clarity of the meaning/importance of the courses on the competence of graduates	4.06
4.	Clarity of activities that must be carried out by students in the lecture process	4.01
5.	Clarity of learning media that will be used during lectures	4.08
6.	Clarity of reference sources referred to in lectures (textbooks, electronic books, journals, etc.)	4.02
7.	Clarity of tasks that must be completed in lectures	4.01
8.	Clarity on how to assess learning outcomes	3.99
9.	Clarity on aspects/components of the assessment	4.00
10.	Clarity of rules (attendance rules, ethics, punishments) in the lecture process.	4.02
Average		4.04
Category		Very Good

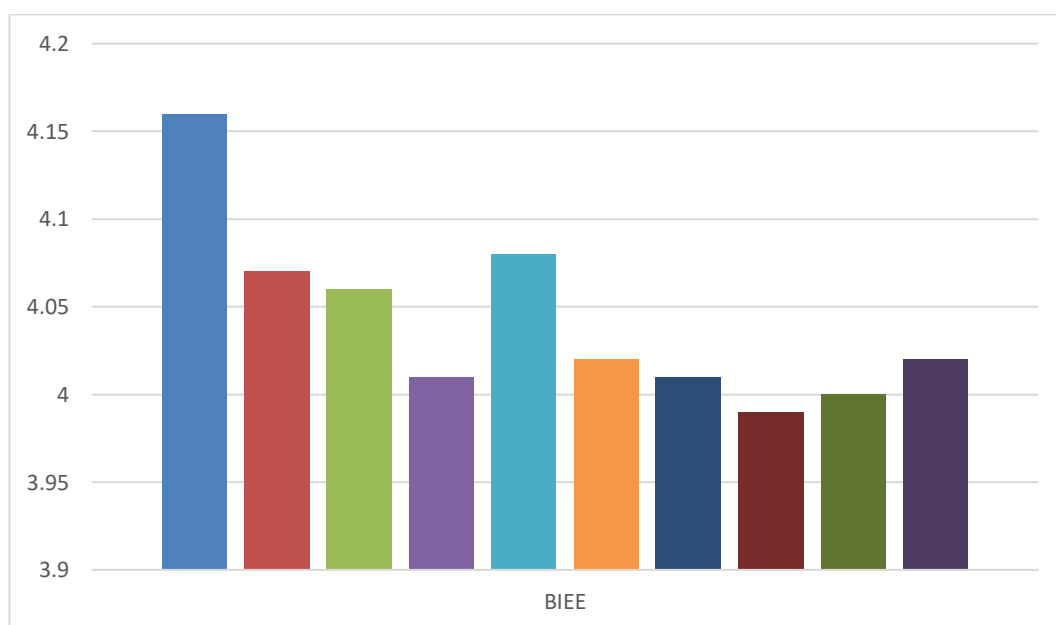


Figure 1. Monitoring and Evaluation of Lectures at the Beginning of Semester of Theory Courses First Semester of the 2020/2021 Academic Year BIEE

Table 2 and Figure 1 show the results of instruments filled with monitoring and evaluation in the first week of theory courses in the first semester of the 2020/2021 Academic Year. BIEE has an average of 4.04 in the very good category. Items in the BIEE questionnaire have the lowest score of 3.99 on the Clarity item on how to assess learning outcomes. The highest item was obtained on the item Clarity of lecture objectives with a value of 4.6.

D. Monitoring and Evaluation of Practical Courses

Monitoring and evaluation of lectures at the beginning of the semester for practical courses is measured by several indicators. This questionnaire instrument consists of 11 items, including: (1) Clarity of practicum objectives; (2) Clarity of the scope of the practicum; (3) Clarity on the importance of practicum to support the graduate profession; (4) Clarity of activities that must be carried out by students during practicum; (5) Clarity regarding the application of occupational safety and health (OSH); (6) Clarity of practical instructions; (7) Clarity of practicum reference materials (textbooks, electronic books, journals, etc.) that are referred; (8) Clarity of tasks to be completed in practicum; (9) Clarity on how to evaluate the results of the practicum; (10) Clarity on aspects/components to be assessed; (11) Clarity of rules (attendance rules, ethics, punishment) in the practicum lecture process.

The average results of monitoring and evaluation of lectures in the first week of BIEE practical courses are shown in Table 3 and Figure 2.

Table 3. Monitoring and Evaluation of Lectures at the Beginning of Semester of Practical Courses First Semester of the 2020/2021 Academic Year BIEE

No	Items	Score
1	Clarity of practicum objectives	4.25
2	Clarity of the scope of the practicum	4.16
3	Clarity on the importance of practicum to support the graduate profession	4.14
4	Clarity of activities that must be carried out by students during practicum	4.14
5	Clarity regarding the application of occupational safety and health (OSH)	4.05

No	Items	Score
6	Clarity of practical instructions	4.11
7	Clarity of practicum reference materials (textbooks, electronic books, journals, etc.) that are referred	4.10
8	Clarity of tasks to be completed in practicum	4.13
9	Clarity on how to evaluate the results of the practicum	4.08
10	Clarity on aspects/components to be assessed	4.05
11	Clarity of rules (attendance rules, ethics, punishment) in the practicum lecture process.	4.12
Average		4.12
Category		Very Good

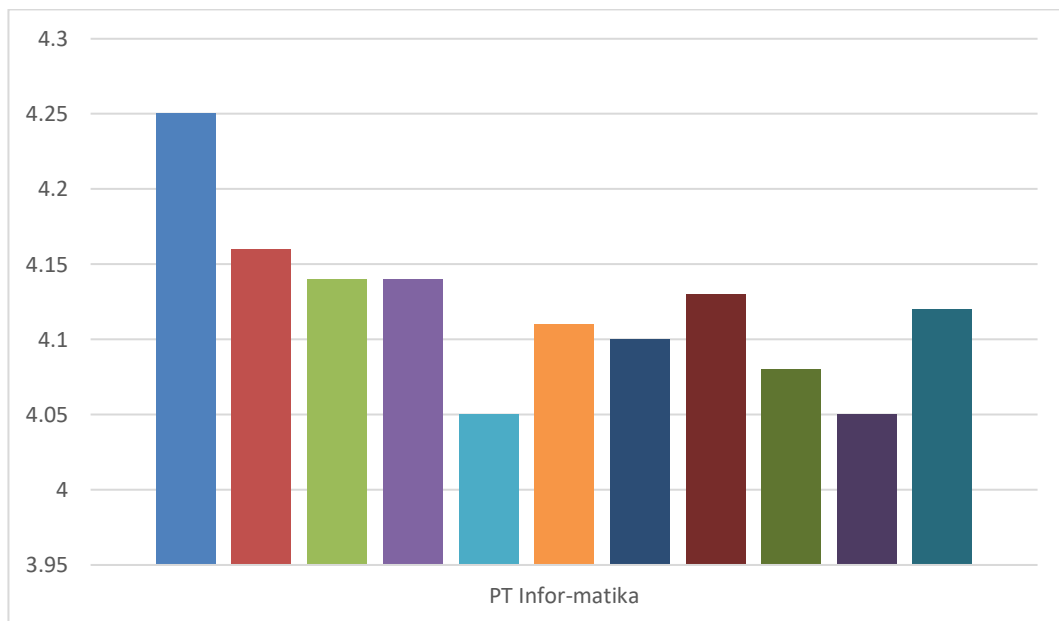


Figure 2. Monitoring and Evaluation of Lectures at the Beginning of Semester of Practical Courses First Semester of the 2020/2021 Academic Year BIEE

Table 3 and Figure 2 show the results of the instruments filled out in the monitoring and evaluation of lectures in the first week of practical courses in the first semester of the 2020/2021 Academic Year. BIEE has an average of 4.12 with a very good category. The item on the practice instrument has the lowest score of 4.05 on the item Clarity regarding the application of occupational safety and health (OSH) and Clarity about the aspect/component to be assessed. The highest item was obtained on the item Clarity of practice objectives with a score of 4.25.

E. Monitoring and Evaluation of Final Project Course

The questionnaire instrument consists of 12 items, including: (1) The adequacy of the study program in organizing pre-proposal briefings; (2) The suitability of the final project with collaborative research with lecturers; (3) Scheduling by the lecturer on the process of supervising the completion of the final project; (4) The use of the guidance book in the final project is monitored by using the guidance book; (5) the quality of the validation process in the completion of the final project; (6) Ease of communicating with supervisors; (7) Lecturer support in providing solutions to problems in completing the final project; (8) The lecturer's accuracy in the revision results in the process of writing the final project; (9) Supporting supervisors in helping students to obtain appropriate and up-to-date library sources; (10) Sufficient intensity of meetings with supervisors in completing the final project; (11) Guidance of supervisors to students to avoid plagiarism in writing the final project; and (12) Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).

The average results of monitoring and evaluation of lectures at the end of the semester for the BIEE final project can be seen in Table 4 and Figure 3.

Table 4. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the First Semester Final Project for the 2020/2021 BIEE Academic Year

No	Items	Score
1	The adequacy of the study program in organizing pre-proposal briefings	3.93
2	The suitability of the final project with collaborative research with lecturers	3.95
3	Scheduling by the lecturer on the process of supervising the completion of the final project	3.98
4	The use of the guidance book in the final project is monitored by using the guidance book	3.81
5	the quality of the validation process in the completion of the final project	4.07
6	Ease of communicating with supervisors	4.07

No	Items	Score
7	Lecturer support in providing solutions to problems in completing the final project	4.21
8	The lecturer's accuracy in the revision results in the process of writing the final project	4.12
9	Supporting supervisors in helping students to obtain appropriate and up-to-date library sources	4.00
10	Sufficient intensity of meetings with supervisors in completing the final project.	4.07
11	Guidance of supervisors to students to avoid plagiarism in writing the final project.	4.09
12	Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).	3.84
Average		4.01
Category		Very Good

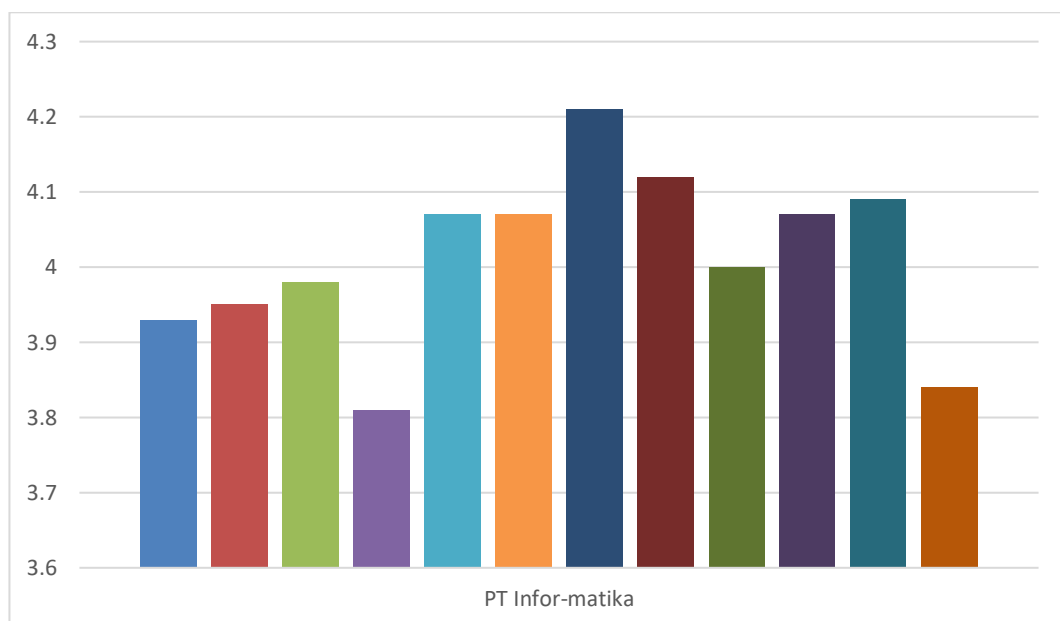


Figure 3. Monitoring and Evaluation of Lectures at the Beginning of the Semester of the First Semester Final Project for the 2020/2021 BIEE Academic Year

Table 4 and Figure 3 show the instruments filled out in the monitoring and evaluation of the first week of the Final Project course in the first semester

of the 2020/2021 Academic Year. BIEE has an average of 4.01 in the very good category. The item on the BIEE questionnaire has the lowest score of 3.81 on the item The use of guidance books in the final project is monitored using guidance books. The highest item was obtained on the item Support from lecturers in providing solutions to problems in completing the final project with a score of 4.21.

F. Suggestions

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


1. Implementation of theoretical courses in the Very Good category, then these results must be maintained.
2. Implementation of course lectures in the Very Good category, then these results must be maintained.
3. The implementation of the Final Project course in the Very Good category, then this result must be maintained.
4. Students who fill out the instrument at the beginning of the semester need to be improved.

Monitoring and Evaluation Report at the End of the First Semester of the 2020/2021 Academic Year Master of Electrical Engineering Education (MEEE)

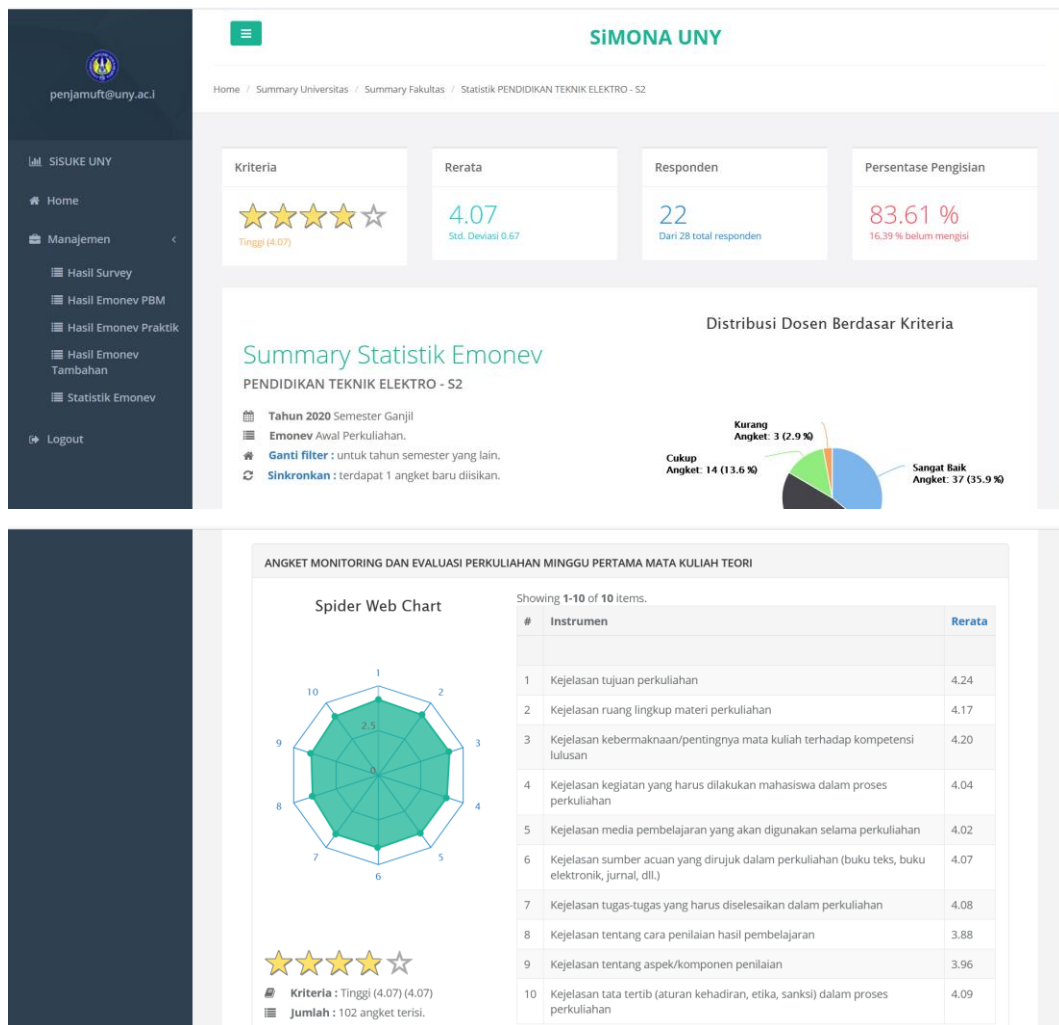
F. Mechanism

UNY has improved the monitoring and evaluation system for the teaching and learning process of students by carrying out the monitoring and evaluation process twice in one semester. The first is carried out at the beginning of the semester in September 2020. The second is carried out at the end of the semester in January 2021. This system aims to measure the quality of the student's teaching and learning process for each subject in each semester. This monitoring and evaluation system is available online at (<http://survey.uny.ac.id/emonev-pbm/>).

Monitoring and evaluation at the end of the semester has been carried out in January 2021 in the first semester of the 2020/2021 academic year. This system is managed by the university and each study program has a team that is responsible for monitoring and evaluation. The team has an admin account to retrieve and analyze survey data. The system display is shown in the following figure.



The screenshot displays the 'SURVEY UNY' web application interface. The page title is 'Hasil Pengisian Emonev'. A sidebar on the left contains navigation options: Home, Manajemen (with a dropdown arrow), Angket Survey, Hasil Survey, Periode Survey, Pengumuman, Hasil Emonev PBM, Hasil Emonev Tambahan, and Statistik Emonev. The main content area features a 'Filter Pencarian' section with four dropdown menus: 'Tahun Akademik' (set to 'Tahun 2020 Sem. Gasal'), 'Awal Akhir' (set to 'Awal Semester'), 'Fakultas' (set to 'Fakultas Teknik'), and 'Prodi' (set to 'PENDIDIKAN TEKNIK ELEKTRO - S2'). A green 'Cari' button is located below the filters. The top navigation bar includes the 'SURVEY UNY' logo and the breadcrumb 'Home / eMonev PBM | Hasil Pengisian Emonev'.



G. Number of Respondents

MEEE students have filled out the instrument on January 15 – January 31, 2021. Table 1 below is the number of completed questionnaires.

Table 1. Number of Respondents of MEEE Students

No	Study Programme	The Filled Instrument	
		Theory	Thesis
1.	MEEE	110	3

The questionnaire for monitoring and evaluating lectures at the end of the semester for theoretical courses is filled with 110 instruments, and a Final Project (Thesis) course is filled with 3 instruments

H. Monitoring and Evaluation of Theory Courses

Monitoring and evaluation of lectures at the end of the semester for theoretical courses is measured by several indicators. These indicators are assessed by students who take these courses. These indicators include: (1) the suitability of learning with the Lesson Plan; (2) The failure of lecturers in delivering material in lectures; (3) The ability of lecturers to motivate students in lectures; (4) Lecturer's mastery of lecture material in general; (5) The meaning of the lecture material with the profession to be occupied; (6) the clarity of the lecturer in explaining the lecture material; (7) Effective use of time in lectures; (8) The suitability of media and aids used in lectures; (9) Completeness of teaching materials used by lecturers; (10) The use of up to date technology in lectures; (11) Lecturer's response in responding to students' questions and opinions; (12) The suitability of the feedback given by the lecturer in learning; (13) Variations in assignment and assessment by Lecturers; (14) The suitability of the exam with the material presented by the Lecturer; and (15) Lecturer's concern for student difficulties.

The average results of monitoring and evaluation of theoretical lectures at the end of the MEEE semester are shown in Table 2 and Figure 1.

Table 2. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEEE

No	Items	Score
1	The suitability of learning with the Lesson Plan	4.23
2	The failure of lecturers in delivering material in lectures	4.14
3	The ability of lecturers to motivate students in lectures	4.08
4	Lecturer's mastery of lecture material in general	4.17
5	The meaning of the lecture material with the profession to be occupied	4.13
6	the clarity of the lecturer in explaining the lecture material	4.11
7	Effective use of time in lectures	4.02
8	The suitability of media and aids used in lectures	3.98
9	Completeness of teaching materials used by lecturers	4.05
10	The use of up to date technology in lectures	4.06
11	Lecturer's response in responding to students' questions and opinions	4.15
12	The suitability of the feedback given by the lecturer in learning	4.07

No	Items	Score
13	Variations in assignment and assessment by Lecturers	3.96
14	The suitability of the exam with the material presented by the Lecturer	4.13
15	Lecturer's concern for student difficulties	4.11
Averages		4.09
Category		Very Good

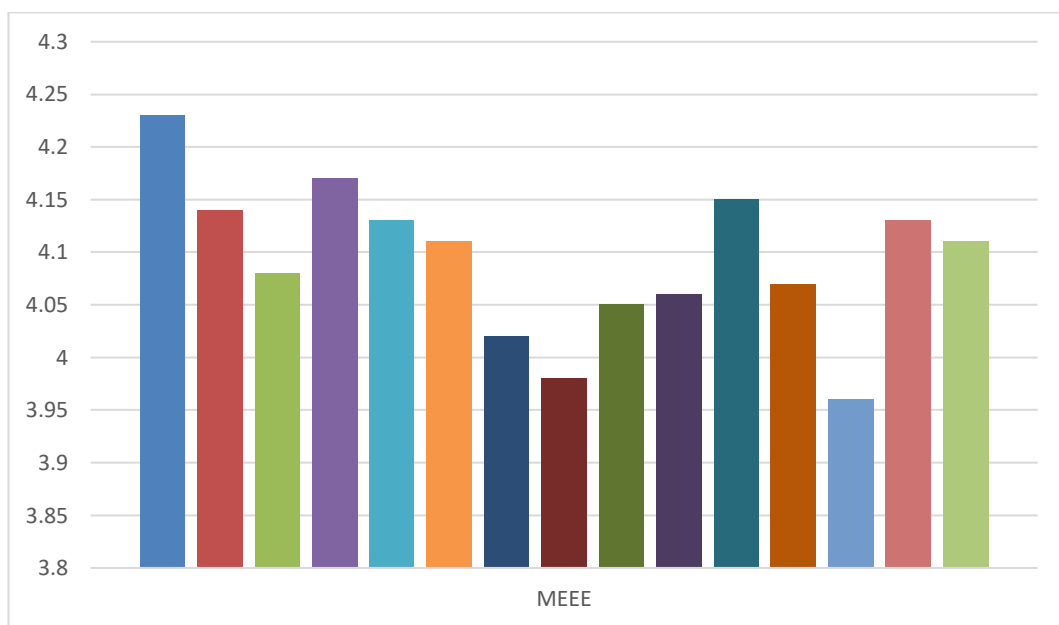


Figure 1. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEEE

Table 2 and Figure 1 show the results of the lecture monitoring and evaluation instruments at the end of the first semester theory course for the 2020/2021 Academic Year. MEEE has an average of 4.09 with very good category. This shows that the implementation of lectures at the end of the MEEE semester is in the very good category. The item on the filled instrument has the lowest score of 3.96 on the item Variations in assignment and assessment by Lecturers. The highest item was obtained on the item The suitability of learning with the Lesson Plan with a value of 4.23.

I. Monitoring and Evaluation of Final Project Course

The questionnaire instrument consists of 12 items, including: (1) The adequacy of the study program in organizing pre-proposal briefings; (2) The suitability of the final project with collaborative research with lecturers; (3) Scheduling by the lecturer on the process of supervising the completion of the final project; (4) The use of the guidance book in the final project is monitored by using the guidance book; (5) the quality of the validation process in the completion of the final project; (6) Ease of communicating with supervisors; (7) Lecturer support in providing solutions to problems in completing the final project; (8) The lecturer's accuracy in the revision results in the process of writing the final project; (9) Supporting supervisors in helping students to obtain appropriate and up-to-date library sources; (10) Sufficient intensity of meetings with supervisors in completing the final project; (11) Guidance of supervisors to students to avoid plagiarism in writing the final project; and (12) Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).

The average results of monitoring and evaluation of lectures at the end of the semester for the MEEE final project can be seen in Table 3 and Figure 2.

Table 3. Monitoring and Evaluation of Lectures at the End of Semester of Final Project Courses First Semester of the 2020/2021 Academic Year MEEE.

No	Items	Score
1	The adequacy of the study program in organizing pre-proposal briefings	5
2	The suitability of the final project with collaborative research with lecturers	3.33
3	Scheduling by the lecturer on the process of supervising the completion of the final project	3.67
4	The use of the guidance book in the final project is monitored by using the guidance book	4
5	the quality of the validation process in the completion of the final project	4
6	Ease of communicating with supervisors	3.67

No	Items	Score
7	Lecturer support in providing solutions to problems in completing the final project	4
8	The lecturer's accuracy in the revision results in the process of writing the final project	4
9	Supporting supervisors in helping students to obtain appropriate and up-to-date library sources	4
10	Sufficient intensity of meetings with supervisors in completing the final project.	3.67
11	Guidance of supervisors to students to avoid plagiarism in writing the final project.	4
12	Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).	3.67
Average		3.92
Category		Good

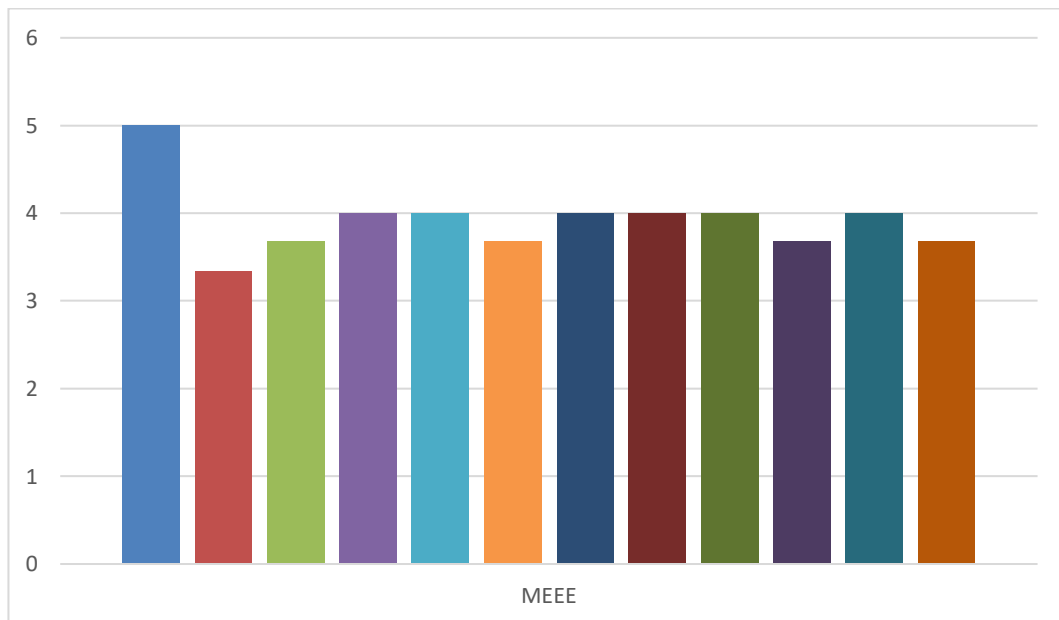


Figure 2. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEEE

Table 3 and Figure 2 show the results of the instrument filled with monitoring and evaluation of lectures at the end of the semester for the Final Project of the first semester of the 2020/2021 Academic Year. MEEE has an average of 3.92 with a good category. This shows that the implementation of

the final assignment course lectures at the end of the semester at MEEE is in the good category. The item in the MEEE questionnaire has the lowest score of 3.33 on the item The suitability of the final project with collaborative research with lecturers. The highest item was obtained by MEEE on the item The adequacy of the study program in organizing pre-proposal briefings with a value of 5.

J. Suggestions

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

3. Implementation of theoretical courses in the Very Good category, then these results must be maintained.
4. The implementation of the Final Project course in the Good category, then these results must be improved.
5. It is necessary to involve students in filling out learning instruments, especially Final Project courses.

Yogyakarta, February 8, 2021

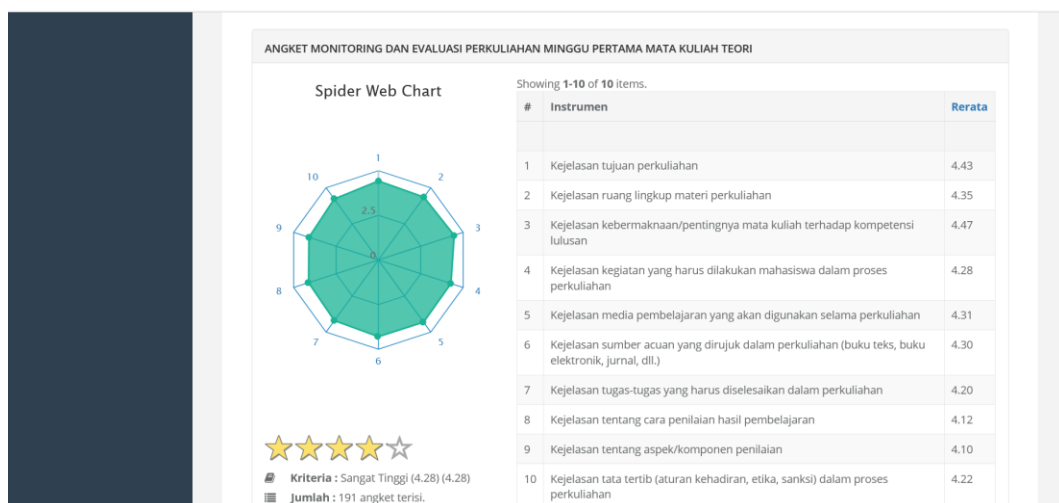
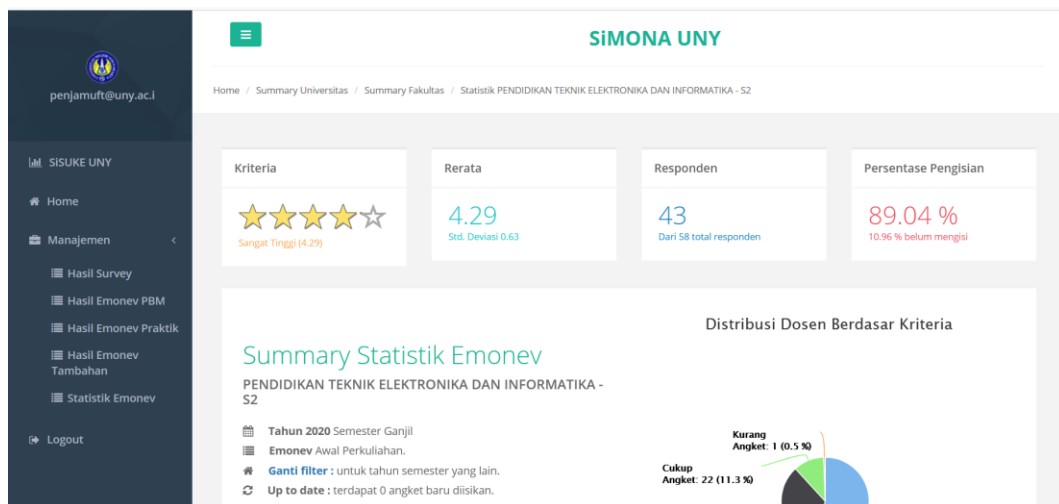
Monitoring and Evaluation Report at the End of the First Semester of the 2020/2021 Academic Year Master of Electronics and Informatics Engineering Education (MEIEE)

A. Mechanism

UNY has improved the monitoring and evaluation system for the teaching and learning process of students by carrying out the monitoring and evaluation process twice in one semester. The first is carried out at the beginning of the semester in September 2020. The second is carried out at the end of the semester in January 2021. This system aims to measure the quality of the student's teaching and learning process for each subject in each semester. This monitoring and evaluation system is available online at (<http://survey.uny.ac.id/emonev-pbm/>).

Monitoring and evaluation at the end of the semester has been carried out in January 2021 in the first semester of the 2020/2021 academic year. This system is managed by the university and each study program has a team that is responsible for monitoring and evaluation. The team has an admin account to retrieve and analyze survey data. The system display is shown in the following figure.





B. Number of Respondents

MEIEE students have filled out the instrument on January 15 – January 31, 2021. Table 1 below is the number of completed questionnaires.

Table 1. Number of Respondents of MEIEE Students

No	Study Programme	The Filled Instrument	
		Theory	Thesis
1.	MEIEE	191	6

The questionnaire for monitoring and evaluating lectures at the end of the semester for theoretical courses is filled with 191 instruments, and a Final Project (Thesis) course is filled with 6 instruments.

C. Monitoring and Evaluation of Theory Courses

Monitoring and evaluation of lectures at the end of the semester for theoretical courses is measured by several indicators. These indicators are assessed by students who take these courses. These indicators include: (1) the suitability of learning with the Lesson Plan; (2) The failure of lecturers in delivering material in lectures; (3) The ability of lecturers to motivate students in lectures; (4) Lecturer's mastery of lecture material in general; (5) The meaning of the lecture material with the profession to be occupied; (6) the clarity of the lecturer in explaining the lecture material; (7) Effective use of time in lectures; (8) The suitability of media and aids used in lectures; (9) Completeness of teaching materials used by lecturers; (10) The use of up to date technology in lectures; (11) Lecturer's response in responding to students' questions and opinions; (12) The suitability of the feedback given by the lecturer in learning; (13) Variations in assignment and assessment by Lecturers; (14) The suitability of the exam with the material presented by the Lecturer; and (15) Lecturer's concern for student difficulties.

The average results of monitoring and evaluation of theoretical lectures at the end of the MEIEE semester are shown in Table 2 and Figure 1.

Table 2. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEIEE

No	Items	Score
1	The suitability of learning with the Lesson Plan	4.34
2	The failure of lecturers in delivering material in lectures	4.32
3	The ability of lecturers to motivate students in lectures	4.34
4	Lecturer's mastery of lecture material in general	4.41
5	The meaning of the lecture material with the profession to be occupied	4.38
6	the clarity of the lecturer in explaining the lecture material	4.28
7	Effective use of time in lectures	4.25
8	The suitability of media and aids used in lectures	4.25
9	Completeness of teaching materials used by lecturers	4.29
10	The use of up to date technology in lectures	4.29
11	Lecturer's response in responding to students' questions and opinions	4.43
12	The suitability of the feedback given by the lecturer in learning	4.37
13	Variations in assignment and assessment by Lecturers	4.15

No	Items	Score
14	The suitability of the exam with the material presented by the Lecturer	4.36
15	Lecturer's concern for student difficulties	4.36
Average		4.32
Category		Very Good

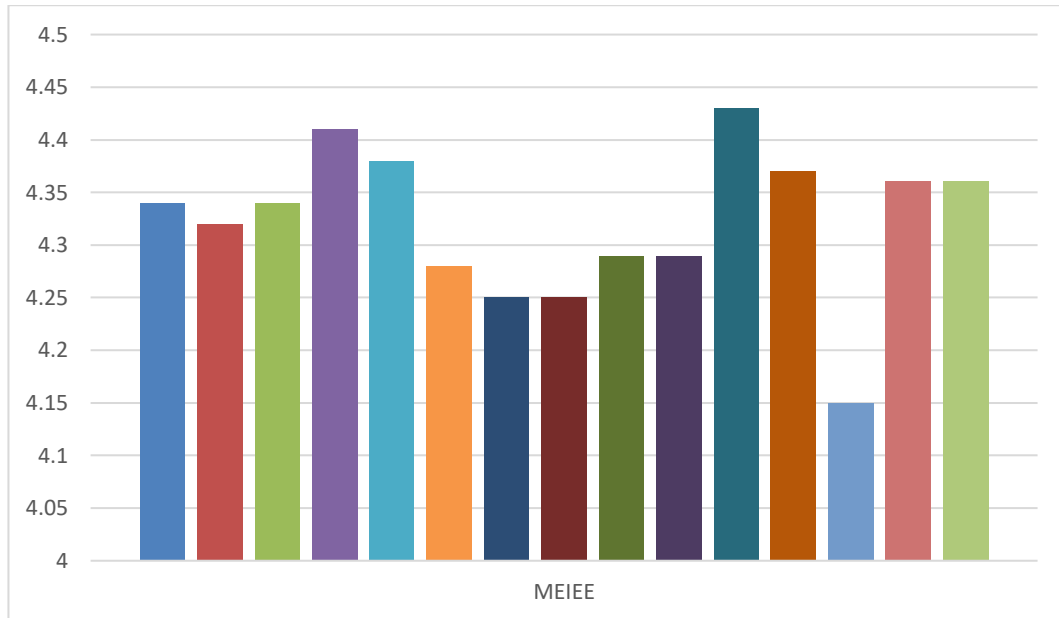


Figure 1. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MEIEE

Table 2 and Figure 1 show the results of the lecture monitoring and evaluation instruments at the end of the first semester theory course for the 2020/2021 Academic Year. MEIEE has an average of 4.32 with very good category. This shows that the implementation of lectures at the end of the MEIEE semester is in the very good category. The item on the filled instrument has the lowest score of 4.15 on the item Variations in assignment and assessment by Lecturers. The highest item was obtained on the item Lecturer's response in responding to students' questions and opinions with a value of 4.02.

D. Monitoring and Evaluation of Final Project Course

The questionnaire instrument consists of 12 items, including: (1) The adequacy of the study program in organizing pre-proposal briefings; (2) The

suitability of the final project with collaborative research with lecturers; (3) Scheduling by the lecturer on the process of supervising the completion of the final project; (4) The use of the guidance book in the final project is monitored by using the guidance book; (5) the quality of the validation process in the completion of the final project; (6) Ease of communicating with supervisors; (7) Lecturer support in providing solutions to problems in completing the final project; (8) The lecturer's accuracy in the revision results in the process of writing the final project; (9) Supporting supervisors in helping students to obtain appropriate and up-to-date library sources; (10) Sufficient intensity of meetings with supervisors in completing the final project; (11) Guidance of supervisors to students to avoid plagiarism in writing the final project; and (12) Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).

The average results of monitoring and evaluation of lectures at the end of the semester for the MEIEE final project can be seen in Table 3 and Figure 2.

Table 3. Monitoring and Evaluation of Lectures at the End of Semester of Final Project Courses First Semester of the 2020/2021 Academic Year MEIEE.

No	Items	Score
1	The adequacy of the study program in organizing pre-proposal briefings	4.33
2	The suitability of the final project with collaborative research with lecturers	3.5
3	Scheduling by the lecturer on the process of supervising the completion of the final project	4.83
4	The use of the guidance book in the final project is monitored by using the guidance book	4.83
5	the quality of the validation process in the completion of the final project	4.5
6	Ease of communicating with supervisors	5
7	Lecturer support in providing solutions to problems in completing the final project	4.67
8	The lecturer's accuracy in the revision results in the process of writing the final project	4.5

No	Items	Score
9	Supporting supervisors in helping students to obtain appropriate and up-to-date library sources	5
10	Sufficient intensity of meetings with supervisors in completing the final project.	4.67
11	Guidance of supervisors to students to avoid plagiarism in writing the final project.	4.67
12	Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).	4.17
Average		4.56
Category		Very Good

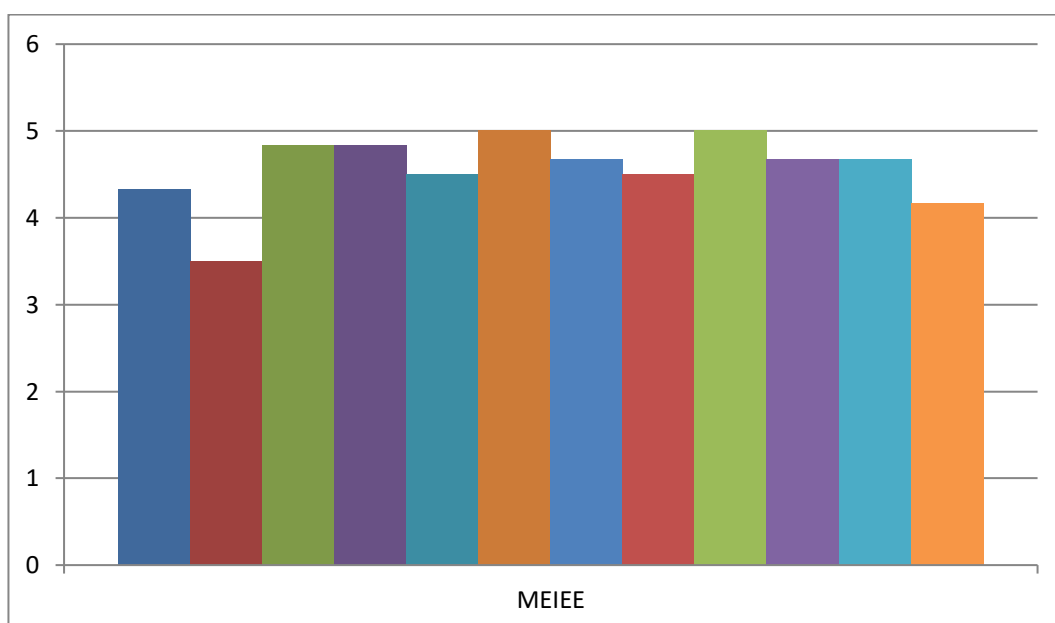


Figure 2. Monitoring and Evaluation of Lectures at the End of Semester of Final Project Courses First Semester of the 2020/2021 Academic Year MEIEE

Table 3 and Figure 2 show the results of the instrument filled with monitoring and evaluation of lectures at the end of the semester for the Final Project of the first semester of the 2020/2021 Academic Year. MEIEE has an average of 4.56 with a very good category. This shows that the implementation of the final assignment course lectures at the end of the semester at MEIEE is in the very good category. The item in the MEIEE questionnaire has the lowest score of 3.86 on the item The suitability of the final project with collaborative

research with lecturers. The highest item was obtained by MEIEE on the item Ease of communicating with the supervisor and Supporting supervisors in helping students to obtain appropriate and up-to-date library sources was 5.

E. Suggestions

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

1. Implementation of theoretical courses in the Very Good category, then these results must be maintained.
2. The implementation of the Final Project course in the Very Good category, then this result must be maintained.
3. It is necessary to involve students in filling out learning instruments, especially Final Project courses.

Yogyakarta, February 8, 2021

**Monitoring and Evaluation Report at the End of the First Semester of the
2020/2021 Academic Year Master of Mechanical Engineering Education
(MMEE)**

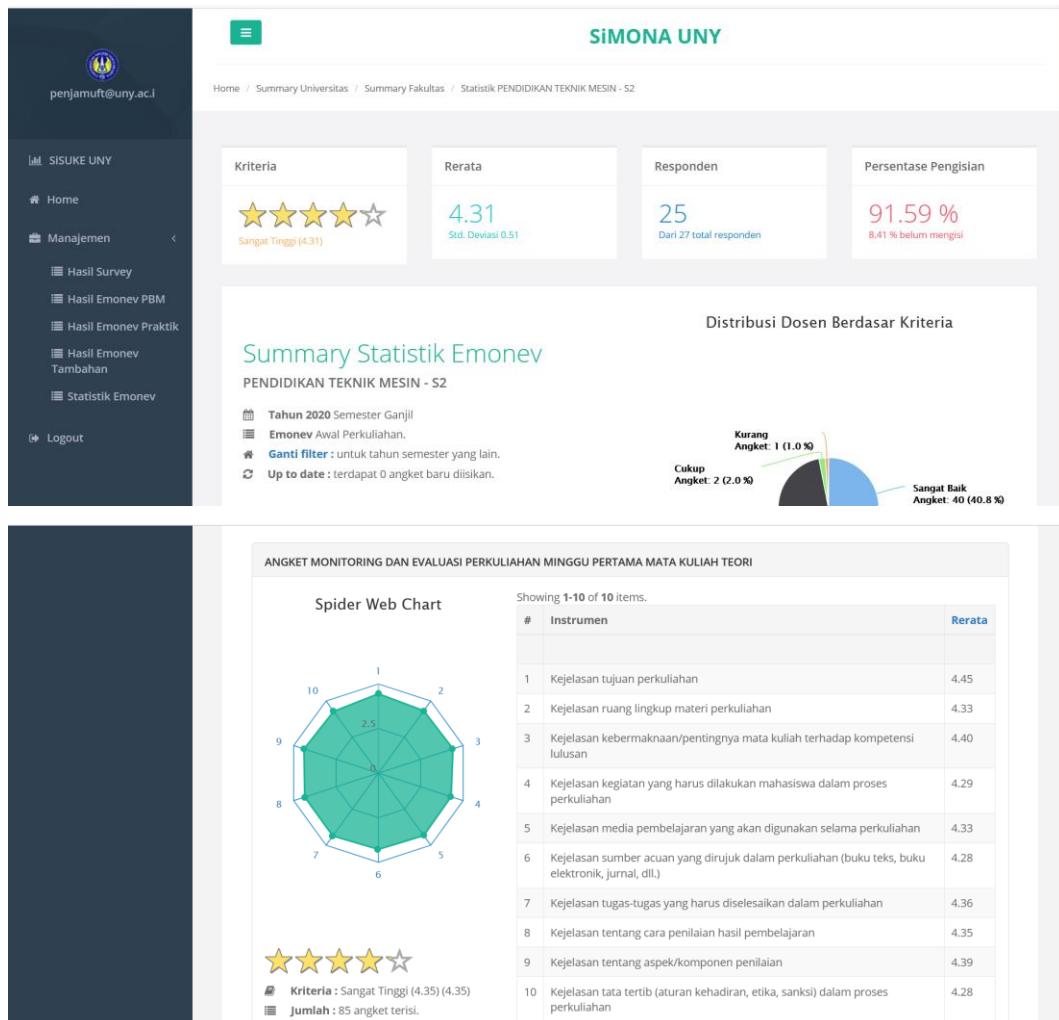
A. Mechanism

UNY has improved the monitoring and evaluation system for the teaching and learning process of students by carrying out the monitoring and evaluation process twice in one semester. The first is carried out at the beginning of the semester in September 2020. The second is carried out at the end of the semester in January 2021. This system aims to measure the quality of the student's teaching and learning process for each subject in each semester. This monitoring and evaluation system is available online at (<http://survey.uny.ac.id/emonev-pbm/>).

Monitoring and evaluation at the end of the semester has been carried out in January 2021 in the first semester of the 2020/2021 academic year. This system is managed by the university and each study program has a team that is responsible for monitoring and evaluation. The team has an admin account to retrieve and analyze survey data. The system display is shown in the following figure.



The screenshot displays the 'SURVEY UNY' web application interface. On the left is a dark sidebar menu with the email 'penjamuft@uny.ac.id' and options for Home, Manajemen (with a dropdown arrow), Angket Survey, Hasil Survey, Periode Survey, Pengumuman, Hasil Emonev PBM, Hasil Emonev Tambahan, and Statistik Emonev, along with a Logout button. The main content area has a white header with 'SURVEY UNY' and a breadcrumb 'Home / eMonev PBM | Hasil Pengisian Emonev'. Below the header is a large white box titled 'Hasil Pengisian Emonev'. Underneath this is a 'Filter Pencarian' section with four dropdown menus: 'Tahun Akademik' (set to 'Tahun 2020 Sem. Gasal'), 'Awal Akhir' (set to 'Awal Semester'), 'Fakultas' (set to 'Fakultas Teknik'), and 'Prodi' (set to 'PENDIDIKAN TEKNIK MESIN - S2'). A green 'Cari' button is positioned below the filters.



B. Number of Respondents

MMEE students have filled out the instrument on January 15 – January 31, 2021. Table 1 below is the number of completed questionnaires.

Table 1. Number of Respondents of MMEE Students

No	Study Programme	The Filled Instrument	
		Theory	Thesis
1.	MMEE	85	14

The questionnaire for monitoring and evaluating lectures at the end of the semester for theoretical courses is filled with 85 instruments, and a Final Project (Thesis) course is filled with 14 instruments.

C. Monitoring and Evaluation of Theory Courses

Monitoring and evaluation of lectures at the end of the semester for theoretical courses is measured by several indicators. These indicators are assessed by students who take these courses. These indicators include: (1) the suitability of learning with the Lesson Plan; (2) The failure of lecturers in delivering material in lectures; (3) The ability of lecturers to motivate students in lectures; (4) Lecturer's mastery of lecture material in general; (5) The meaning of the lecture material with the profession to be occupied; (6) the clarity of the lecturer in explaining the lecture material; (7) Effective use of time in lectures; (8) The suitability of media and aids used in lectures; (9) Completeness of teaching materials used by lecturers; (10) The use of up to date technology in lectures; (11) Lecturer's response in responding to students' questions and opinions; (12) The suitability of the feedback given by the lecturer in learning; (13) Variations in assignment and assessment by Lecturers; (14) The suitability of the exam with the material presented by the Lecturer; and (15) Lecturer's concern for student difficulties.

The average results of monitoring and evaluation of theoretical lectures at the end of the MMEE semester are shown in Table 2 and Figure 1.

Table 2. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MMEE

No	Items	Score
1	The suitability of learning with the Lesson Plan	4.45
2	The failure of lecturers in delivering material in lectures	4.33
3	The ability of lecturers to motivate students in lectures	4.29
4	Lecturer's mastery of lecture material in general	4.42
5	The meaning of the lecture material with the profession to be occupied	4.33
6	the clarity of the lecturer in explaining the lecture material	4.27
7	Effective use of time in lectures	4.16
8	The suitability of media and aids used in lectures	4.26
9	Completeness of teaching materials used by lecturers	4.22
10	The use of up to date technology in lectures	4.29
11	Lecturer's response in responding to students' questions and opinions	4.42
12	The suitability of the feedback given by the lecturer in learning	4.27
13	Variations in assignment and assessment by Lecturers	4.28

No	Items	Score
14	The suitability of the exam with the material presented by the Lecturer	4.34
15	Lecturer's concern for student difficulties	4.35
Average		4.31
Category		Very Good

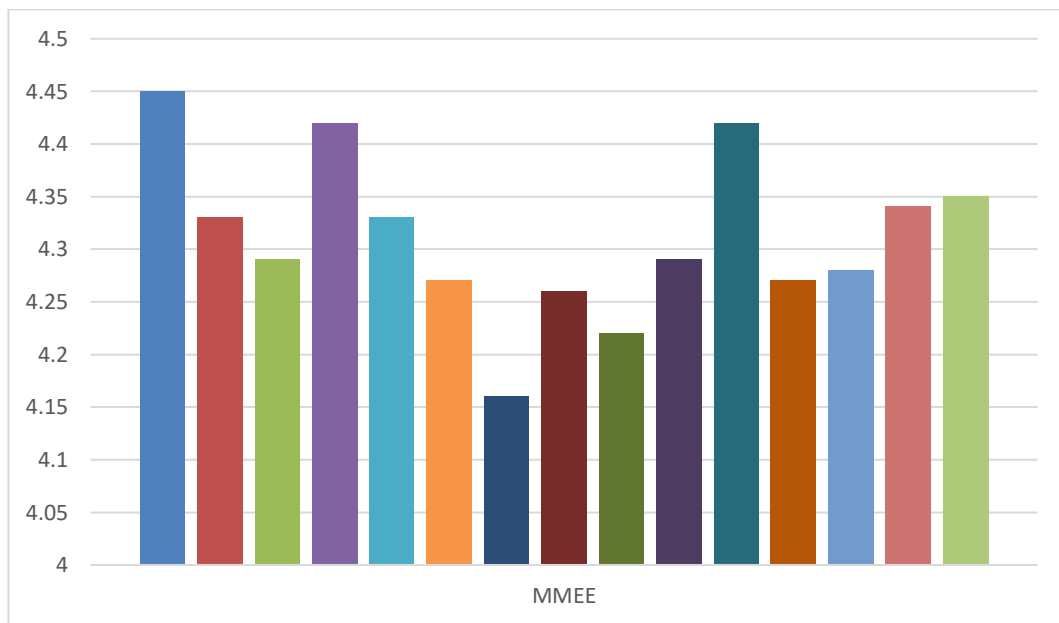


Figure 1. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year MMEE

Table 2 and Figure 1 show the results of the lecture monitoring and evaluation instruments at the end of the first semester theory course for the 2020/2021 Academic Year. MMEE has an average of 3.31 with very good category. This shows that the implementation of lectures at the end of the MMEE semester is in the very good category. The item on the filled instrument has the lowest score of 4.16 on the item Effectiveness of time use in lectures. The highest item was obtained on the item The suitability of learning with the Lesson Plan with a value of 4.02.

D. Monitoring and Evaluation of Final Project Course

The questionnaire instrument consists of 12 items, including: (1) The adequacy of the study program in organizing pre-proposal briefings; (2) The suitability of the final project with collaborative research with lecturers; (3) Scheduling by the lecturer on the process of supervising the completion of the final project; (4) The use of the guidance book in the final project is monitored by using the guidance book; (5) the quality of the validation process in the completion of the final project; (6) Ease of communicating with supervisors; (7) Lecturer support in providing solutions to problems in completing the final project; (8) The lecturer's accuracy in the revision results in the process of writing the final project; (9) Supporting supervisors in helping students to obtain appropriate and up-to-date library sources; (10) Sufficient intensity of meetings with supervisors in completing the final project; (11) Guidance of supervisors to students to avoid plagiarism in writing the final project; and (12) Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).

The average results of monitoring and evaluation of lectures at the end of the semester for the MMEE final project can be seen in Table 3 and Figure 2.

Table 3. Monitoring and Evaluation of Lectures at the End of Semester of Final Project Courses First Semester of the 2020/2021 Academic Year MMEE.

No	Items	Score
1	The adequacy of the study program in organizing pre-proposal briefings	4.36
2	The suitability of the final project with collaborative research with lecturers	4.14
3	Scheduling by the lecturer on the process of supervising the completion of the final project	4
4	The use of the guidance book in the final project is monitored by using the guidance book	3.71
5	the quality of the validation process in the completion of the final project	4.14
6	Ease of communicating with supervisors	4.21
7	Lecturer support in providing solutions to problems in completing the final project	4.5

No	Items	Score
8	The lecturer's accuracy in the revision results in the process of writing the final project	4.36
9	Supporting supervisors in helping students to obtain appropriate and up-to-date library sources	4
10	Sufficient intensity of meetings with supervisors in completing the final project.	4.29
11	Guidance of supervisors to students to avoid plagiarism in writing the final project.	4
12	Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).	4.29
Average		4.17
Category		Very Good

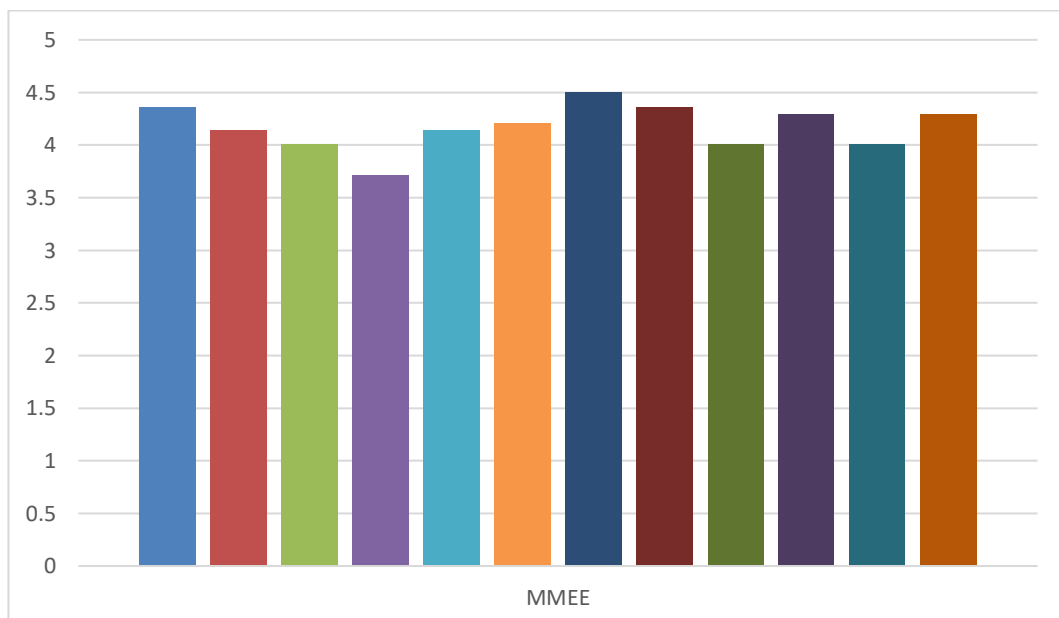


Figure 2. Monitoring and Evaluation of Lectures at the End of Semester of Final Project Courses First Semester of the 2020/2021 Academic Year MMEE

Table 3 and Figure 2 show the results of the instrument filled with monitoring and evaluation of lectures at the end of the semester for the Final Project of the first semester of the 2020/2021 Academic Year. MMEE has an average of 4.17 with a very good category. This shows that the implementation of the final assignment course lectures at the end of the semester at MMEE is in the very good category. The item in the MMEE questionnaire has the lowest

score of 3.86 on the item The use of the guidance book in the final project is monitored by using the guidance book. The highest item was obtained by MMEE on the item Lecturer support in providing solutions to problems in completing the final project with a value of 4.5.

E. Suggestions

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

1. Implementation of theoretical courses in the Very Good category, then these results must be maintained.
2. The implementation of the Final Project course in the Very Good category, then this result must be maintained.
3. It is necessary to involve students in filling out learning instruments, especially Final Project courses.

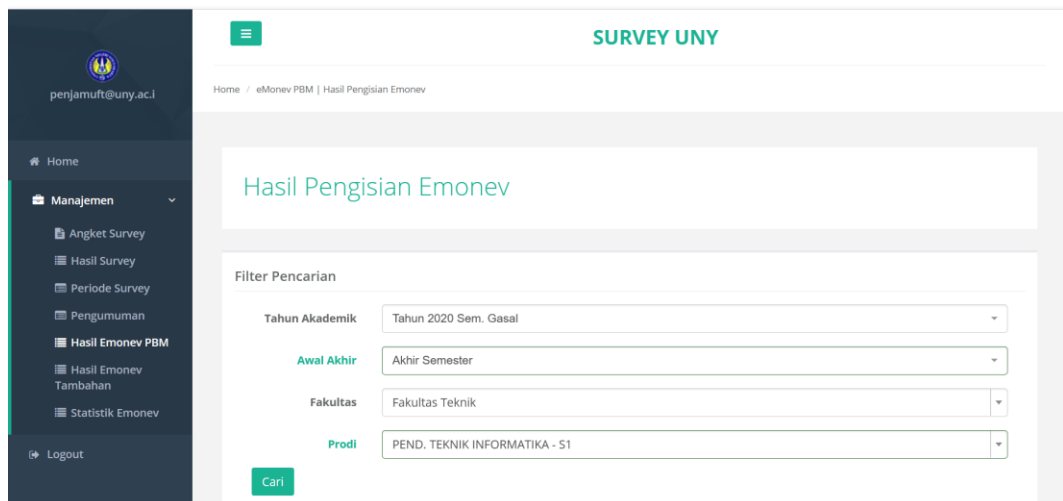
Yogyakarta, February 8, 2021

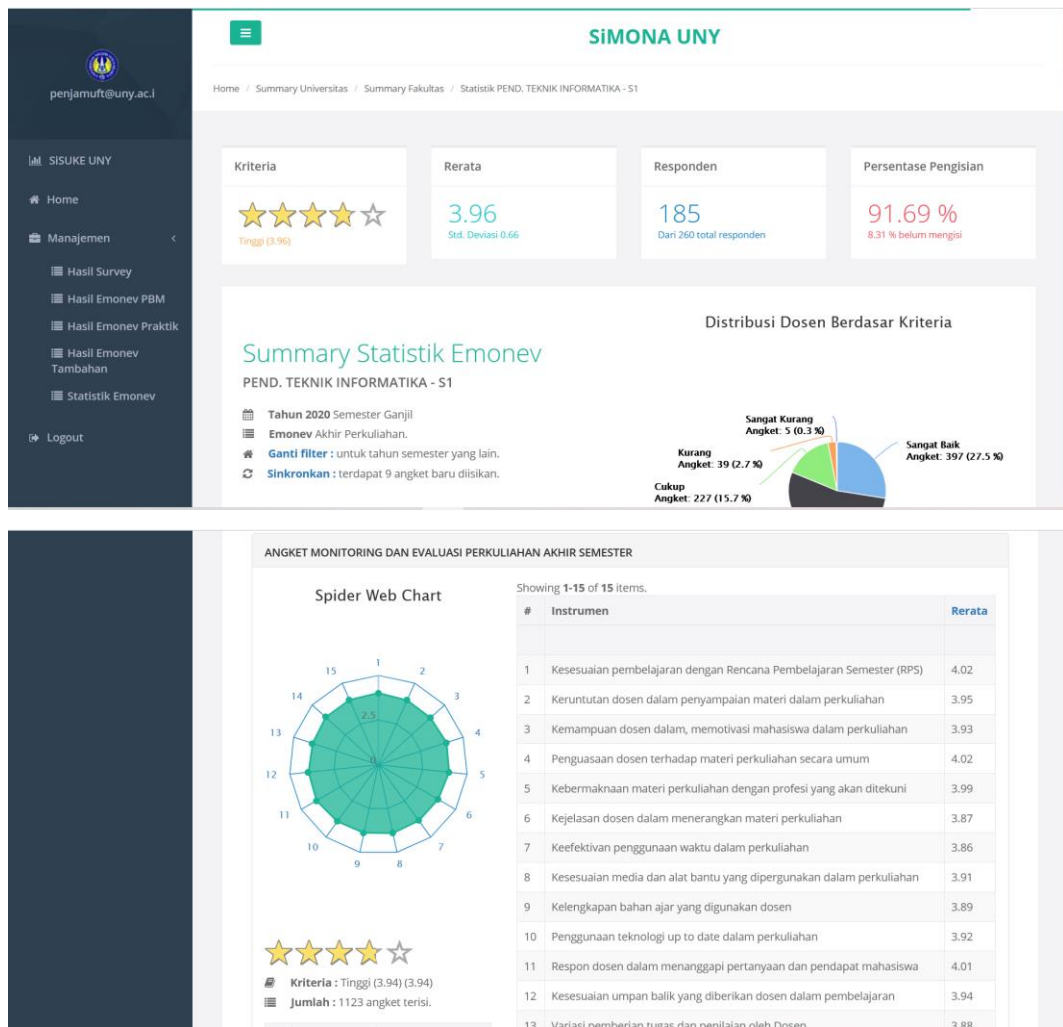
Monitoring and Evaluation Report at the End of the First Semester of the 2020/2021 Academic Year Bachelor in Informatics Engineering Education (BIEE)

A. Mechanism

UNY has improved the monitoring and evaluation system for the teaching and learning process of students by carrying out the monitoring and evaluation process twice in one semester. The first is carried out at the beginning of the semester in September 2020. The second is carried out at the end of the semester in January 2021. This system aims to measure the quality of the student's teaching and learning process for each subject in each semester. This monitoring and evaluation system is available online at (<http://survey.uny.ac.id/emonev-pbm/>).

Monitoring and evaluation at the end of the semester has been carried out in January 2021 in the first semester of the 2020/2021 academic year. This system is managed by the university and each study program has a team that is responsible for monitoring and evaluation. The team has an admin account to retrieve and analyze survey data. The system display is shown in the following figure.





B. Number of Respondents

BIEE students have filled out the instrument on January 15 – January 31, 2021. Table 1 below is the number of completed questionnaires.

Table 1. Number of Respondents of BIEE Students

No	Study Programme	The Filled Instrument		
		Theory	Practice	Thesis
1	BIEE	1123	268	49

The questionnaire for monitoring and evaluating lectures at the end of the semester for theoretical courses is filled with 1123 instruments, practical courses with 268 instruments are filled, and a Final Project (Thesis) course is filled with 49 instruments.

C. Monitoring and Evaluation of Theory Courses

Monitoring and evaluation of lectures at the end of the semester for theoretical courses is measured by several indicators. These indicators are assessed by students who take these courses. These indicators include: (1) the suitability of learning with the Lesson Plan; (2) The failure of lecturers in delivering material in lectures; (3) The ability of lecturers to motivate students in lectures; (4) Lecturer's mastery of lecture material in general; (5) The meaning of the lecture material with the profession to be occupied; (6) the clarity of the lecturer in explaining the lecture material; (7) Effective use of time in lectures; (8) The suitability of media and aids used in lectures; (9) Completeness of teaching materials used by lecturers; (10) The use of up to date technology in lectures; (11) Lecturer's response in responding to students' questions and opinions; (12) The suitability of the feedback given by the lecturer in learning; (13) Variations in assignment and assessment by Lecturers; (14) The suitability of the exam with the material presented by the Lecturer; and (15) Lecturer's concern for student difficulties.

The average results of monitoring and evaluation of theoretical lectures at the end of the BIEE semester are shown in Table 2 and Figure 1.

Table 2. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year BIEE

No	Items	Score
1	The suitability of learning with the Lesson Plan	4.02
2	The failure of lecturers in delivering material in lectures	3.95
3	The ability of lecturers to motivate students in lectures	3.93
4	Lecturer's mastery of lecture material in general	4.02
5	The meaning of the lecture material with the profession to be occupied	3.99
6	the clarity of the lecturer in explaining the lecture material	3.87
7	Effective use of time in lectures	3.86
8	The suitability of media and aids used in lectures	3.91
9	Completeness of teaching materials used by lecturers	3.89
10	The use of up to date technology in lectures	3.92
11	Lecturer's response in responding to students' questions and opinions	4.01

No	Items	Score
12	The suitability of the feedback given by the lecturer in learning	3.94
13	Variations in assignment and assessment by Lecturers	3.88
14	The suitability of the exam with the material presented by the Lecturer	3.98
15	Lecturer's concern for student difficulties	3.98
Average		3.94
Category		Good

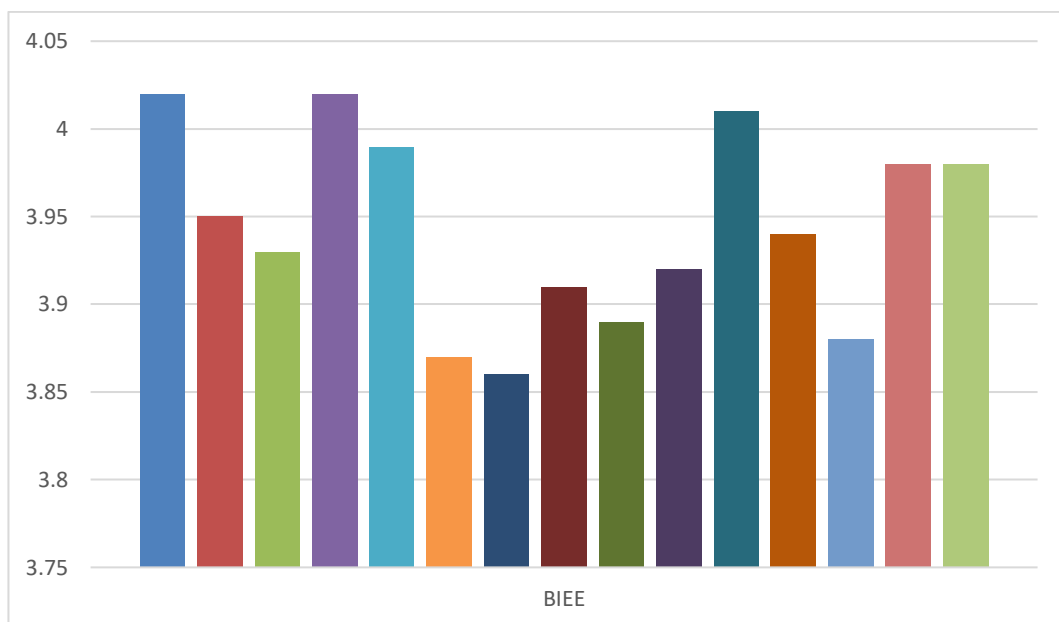


Figure 1. Monitoring and Evaluation of Lectures at the End of Semester of Theory Courses First Semester of the 2020/2021 Academic Year BIEE

Table 2 and Figure 1 show the results of the lecture monitoring and evaluation instruments at the end of the first semester theory course for the 2020/2021 Academic Year. BIEE has an average of 3.94 with good category. This shows that the implementation of lectures at the end of the BIEE semester is in the good category. The item on the filled instrument has the lowest score of 3.86 on the item Effectiveness of time use in lectures. The highest item was obtained on the item Suitability of learning with Learning Lessons and Mastery of lecturers on lecture material in general was 4.02.

D. Monitoring and Evaluation of Practical Courses

Monitoring and evaluation of lectures at the end of the semester for practical courses is measured by several indicators. This questionnaire instrument consists of 15 items, including: (1) The suitability of the practicum topic with the Lesson Plan; (2) Mastery of lecturers according to the teaching materials practiced; (3) Clarity of assistance or demonstration before the implementation of the practicum topic; (4) The meaning of practicum teaching materials with the profession to be occupied; (5) Checking student attendance at each practicum; (6) the suitability of the pretest questions with the implementation of the practicum; (7) The presence of lecturers during the practicum; (8) Clarity of practicum instructions/work sheets; (9) Intensity of mentoring lecturers during practicum activities; (10) Lecturers pay special attention to students who have difficulty in practicum; (11) Time effectiveness during curriculum implementation; (12) Discussion of the results of each practicum implementation; (13) Giving the opportunity to repeat the practicum for students who fail; (14) The ability of lecturers to increase students' active participation in practicum; and (15) Periodicity in conducting continuous assessments during practicum.

The average results of monitoring and evaluation of theoretical lectures at the end of the BIEE semester are shown in Table 3 and Figure 2.

Table 3. Monitoring and Evaluation of Lectures at the End of Semester of Practical Courses First Semester of the 2020/2021 Academic Year BIEE

No	Items	Score
1	The suitability of the practicum topic with the Lesson Plan	4.16
2	Mastery of lecturers according to the teaching materials practiced	4.17
3	Clarity of assistance or demonstration before the implementation of the practicum topic	4.06
4	The meaning of practicum teaching materials with the profession to be occupied	4.08
5	Checking student attendance at each practicum	4.04
6	the suitability of the pretest questions with the implementation of the practicum	3.97
7	The presence of lecturers during the practicum	4.07
8	Clarity of practicum instructions/work sheets	4

No	Items	Score
9	Intensity of mentoring lecturers during practicum activities	4.01
10	Lecturers pay special attention to students who have difficulty in practicum	4.06
11	Time effectiveness during curriculum implementation	3.96
12	Discussion of the results of each practicum implementation	3.93
13	Giving the opportunity to repeat the practicum for students who fail	3.98
14	The ability of lecturers to increase students' active participation in practicum	3.98
15	Periodicity in conducting continuous assessments during practicum	3.98
Average		4.03
Category		Very Good

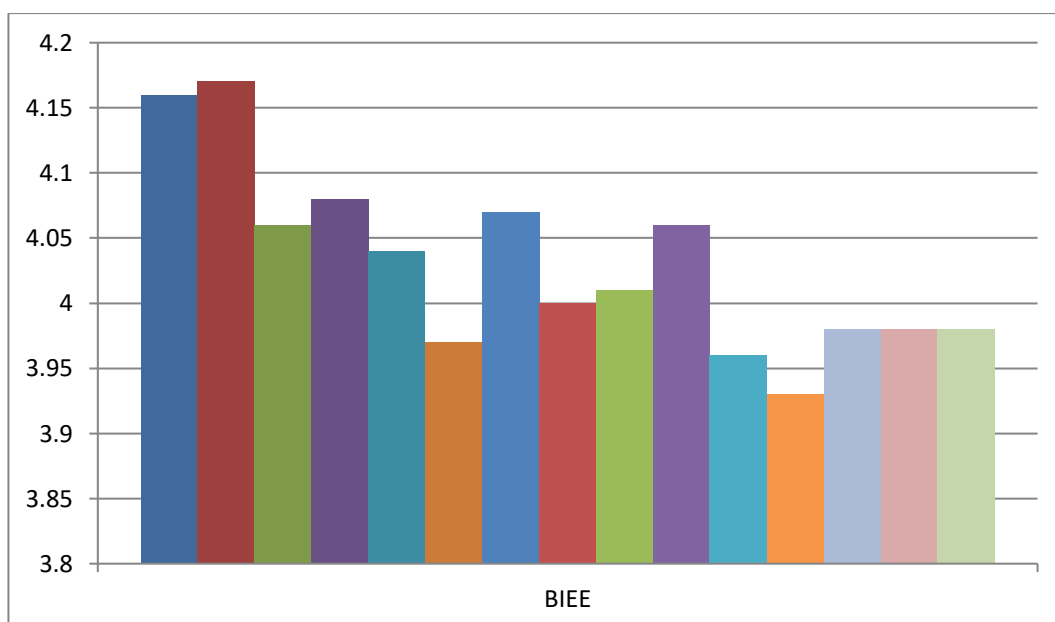


Figure 2. Monitoring and Evaluation of Lectures at the End of Semester of Practical Courses First Semester of the 2020/2021 Academic Year BIEE

Table 3 and Figure 2 show the results of the lecture monitoring and evaluation instruments at the end of the first semester practical courses for the 2020/2021 Academic Year. BIEE has an average of 4.03 with a very good category. This shows that the implementation of lectures at the end of the BIEE semester is in the very good category. Items in the BIEE questionnaire have the lowest score of 3.93 on the Discussion item on the results of each practicum

implementation. The highest item is obtained on the item Mastery of the lecturer according to the teaching materials practiced with a value of 4.17.

E. Monitoring and Evaluation of Final Project Course

The questionnaire instrument consists of 12 items, including: (1) The adequacy of the study program in organizing pre-proposal briefings; (2) The suitability of the final project with collaborative research with lecturers; (3) Scheduling by the lecturer on the process of supervising the completion of the final project; (4) The use of the guidance book in the final project is monitored by using the guidance book; (5) the quality of the validation process in the completion of the final project; (6) Ease of communicating with supervisors; (7) Lecturer support in providing solutions to problems in completing the final project; (8) The lecturer's accuracy in the revision results in the process of writing the final project; (9) Supporting supervisors in helping students to obtain appropriate and up-to-date library sources; (10) Sufficient intensity of meetings with supervisors in completing the final project; (11) Guidance of supervisors to students to avoid plagiarism in writing the final project; and (12) Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).

The average results of monitoring and evaluation of lectures at the end of the semester for the BIEE final project can be seen in Table 4 and Figure 3.

Table 4. Monitoring and Evaluation of Lectures at the End of Semester of Final Project Courses First Semester of the 2020/2021 Academic Year BIEE.

No	Items	Score
1	The adequacy of the study program in organizing pre-proposal briefings	3.94
2	The suitability of the final project with collaborative research with lecturers	4.08
3	Scheduling by the lecturer on the process of supervising the completion of the final project	4.14
4	The use of the guidance book in the final project is monitored by using the guidance book	3.86

No	Items	Score
5	the quality of the validation process in the completion of the final project	4.14
6	Ease of communicating with supervisors	4.22
7	Lecturer support in providing solutions to problems in completing the final project	4.18
8	The lecturer's accuracy in the revision results in the process of writing the final project	4.2
9	Supporting supervisors in helping students to obtain appropriate and up-to-date library sources	4.1
10	Sufficient intensity of meetings with supervisors in completing the final project.	4.08
11	Guidance of supervisors to students to avoid plagiarism in writing the final project.	4.16
12	Monitoring of study programs on the progress of completing the final project (for example there are meetings involving students and supervisors as well as study programs).	3.94
Average		4.09
Category		Very Good

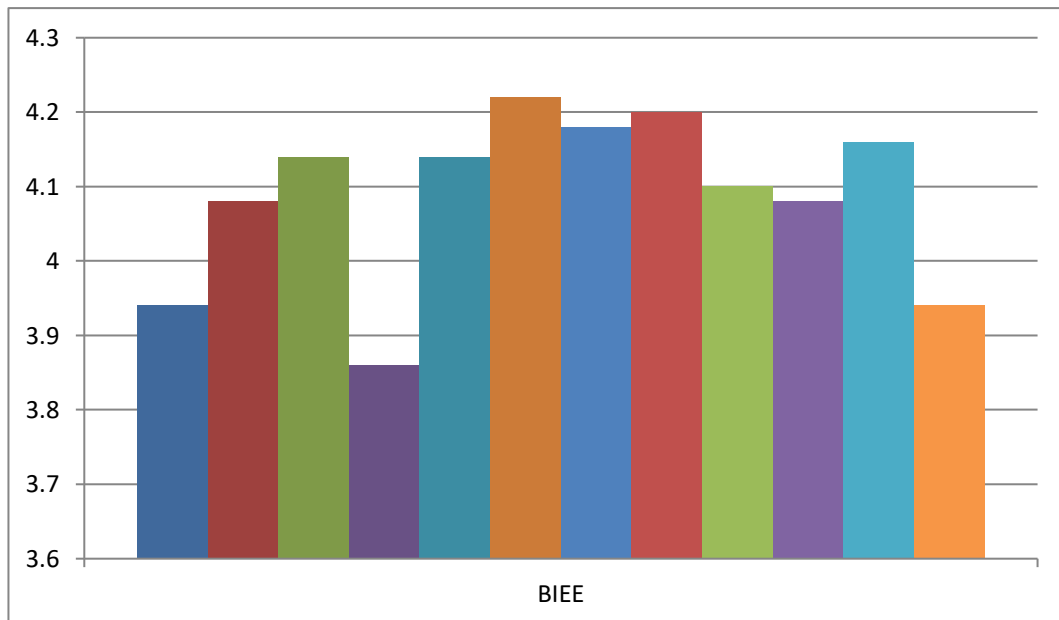


Figure 2. Monitoring and Evaluation of Lectures at the End of Semester of Final Project Courses First Semester of the 2020/2021 Academic Year BIEE.

Table 4 and Figure 3 show the results of the instrument filled with monitoring and evaluation of lectures at the end of the semester for the Final

Project of the first semester of the 2020/2021 Academic Year. BIEE has an average of 4.09 with a very good category. This shows that the implementation of the final assignment course lectures at the end of the semester at BIEE is in the very good category. The item in the BIEE questionnaire has the lowest score of 3.86 on the item The use of guidance books in the final project is monitored using guidance books. The highest item was obtained by BIEE on the item Ease of communicating with the supervisor with a value of 4.22.

F. Suggestions

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

1. Implementation of theoretical courses in the Very Good category, then these results must be maintained.
2. Implementation of laboratory course lectures in the Good category, then these results must be improved.
3. The implementation of the Final Project course in the Very Good category, then this result must be maintained.
4. It is necessary to involve students in filling out learning instruments, especially Final Project courses.



UNIVERSITAS NEGERI YOGYAKARTA