

Basic Mathematics and TOEFL Training for Academic and Interview Preparation in Society 5.0 Era

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ABSTRACT

In the era of society 5.0, the role of lecturers/teachers is indispensable in creating superior human resources in achievement and religious in worship so that all can go hand in hand and be in line with human aspirations to live in benefit. Basic mathematics training which is a venue for testing academic potential in entering higher education as well as TOEFL English which has become part of students' lives. From this activity, we know that this training is very useful for all students at the third level at senior high school.

INTRODUCTION

In facing the era of society 5.0, the role of lecturers/teachers is indispensable in creating human resources who excel in achievement and are religious in worship so that all can be in harmony and in line with human aspirations to live in benefit. Society 5.0 is a concept of human-centered and technology-based society. In this era, society is expected to be able to solve various social challenges and problems by utilizing various innovations that were born in the era of the industrial revolution 4.0 to improve the quality of human life.

Therefore, learning is one of the human rights and obligations of every higher education institution as explained in the Tridharma of Higher Education is to carry out education, research and community service. One of these obligations is ISB Atma Luhur to carry out Community Service, this is carried out in relation to the concern of every institution or institution engaged in the field of Education, especially Higher Education by following technological developments and advances, especially Indonesia as a country that has the potential of natural and human resources many of which cannot be compared with developed countries. The Institute for Research and Community Service ISB Atma Luhur (LPPM Atma Luhur), responded to this concern by holding Community Service activities in the form of "Basic Mathematics and TOEFL Training for Academic Preparation and Interviews in the Era of Society 5.0." (Fasha Dwiyanti, Hani Salima, Oktaviani Mega Yolanda, Edi Sunardi) said that learning mathematics has a goal that supports increasing the ability of students to develop. Starting from the ability of understanding to the ability of reasoning contained in the learning process. It is intended that the potential of students is able to increase and develop optimally. In addition, an honest, objective, systematic and open attitude towards the development of science is the hope of learning mathematics.

(sudibyoy) The purpose of this training activity is to assist students in preparing academic knowledge and academic mentality in facing the Society 5.0 era. When the preparation and ammunition are good, students will be able to compete and survive in the 5.0 society wave. basic mathematics training which is a venue for testing academic potential in entering higher education as well as TOEFL English which has become part of students' lives. Therefore, ESQ is also needed in facing the era of society 5.0. So that whatever is the goal in achieving goals, students will stick to it with commitment and careful preparation in facing all the challenges of the future era. So from that, we hope that this activity will open your mind that TOEFL Basic Mathematics and English are very important to learn and prioritize since entering high school. While the purpose of this activity is to carry out the Tridharma of Higher Education in the form of Community Service. In the era of society 5.0, it can be said that technology lives together with humans. So that humans must become progressive humans and to continue to learn all updates. (Hani Subakti) emphasized that the dynamic world of education requires us to always upgrade our skills and insights to the changes that are taking place. Likewise in learning, starting from input activities, processes and outputs must be designed in such a way as to adapt to the development of scientific and technological advances. (Ira Irzawati, Yustien

Supartinah, Lisnani Lisnani) General description of learning evaluation and how to conduct evaluation in the era of society 5.0.

IMPLEMENTATION AND METHODS

This Community Service activity schedule consists of three parts, namely: training preparation, training, and reporting. The following is the schedule for implementing Community Service activities:

Table 1. Schedule for Implementation of Community Service Activities

Dates	Activities	Places
20th of September 2022	Briefing speaker	ISB Atma Luhur
21st of September 2022	Submit data	ISB Atma Luhur
18-19 th Oktober 2022	Hold in activity	SMA N 1 Bakam
1st Nopember 2022	Finishing report	ISB Atma Luhur
20th Nopember 2022	Submit report	ISB Atma Luhur

Community service activities with material in the form of "Basic Mathematics and TOEFL Training for Academic Preparation and Interviews in the Era of Society 5.0" were held on:

Place: SMAN 1 BAKAM

Day : Tuesday to. Wednesday

Date : October 18-19 2022

Participants: Students of SMAN 1 BAKAM



Figure 1. The following is documentation of the activity "Basic Mathematics and TOEFL Training for Academic Preparation and Interviews in the Era of Society 5.0"



Figure 2. Documentation of PKM activities at SMA Negeri 1 Bakam

RESULTS AND DISCUSSION

Community Service Participants at SMA NEGERI 1 BAKAM consisted of 3 presenters and 2 committees (students). The following is a list of presenters and committees at:

Table 2. Speakers

No	Speakers
1	Sinta. S, S.Pd.,M.Pd
2	Maya Saftari, S.Si., M.Pd
3	Yuni Iswanto, S.Pd.I., M.Pd.

Table 3. Students

No	Students
1	Nily Susanti
2	Ulfa Maryanti

Syllabus

The syllabus consists of material: training. The following table is the syllabus given for training activities:

Table 4. Syllabus

Day/date	Training	Materials
Tuesday, 18th October 2022	Academic Potential Test	<ul style="list-style-type: none"> ▪ Motivation ▪ Verb test ▪ Quantitative Tests ▪ Reasoning Test ▪ Image Logic Test ▪ Closing
Wednesday, 19th October 2022	Toefl	<ul style="list-style-type: none"> ▪ Motivasi ▪ Warming up ▪ Listening test ▪ Grammar test ▪ Reading test ▪ Penutup

Name of Activity

Table 5. Name of Activity

No	Team	date
1	The name of this activity is Community Service in the form of "Basic Mathematics and TOEFL Training for Academic Preparation and Interview in Society 5.0 Era"	Tuesday and Wednesday, 18th and 19th of October 2022

CONCLUSIONS AND RECOMMENDATIONS

From this activity, we know that this training is very useful to all student at third level at senior high school. (*Eko Sudarmanto*) In essence, learning is a process of interaction with the situations that exist around the individual. When learning is a process in an achievement, the learners will continue to improve their abilities and efforts in mastering the knowledge being studied including in terms of supporting factors and the surrounding environment. Entering the current era of society, it is time for students to choose their own way and style of learning, including in determining where and when to start learning. In seamless learning, students are given the opportunity to be able to collaborate and interact in various ways with colleagues, learning resources, and the real world as well as the virtual world which requires all students to open their eyes in today's digital era wherever the learner is studying. With this activity, as a form of dedication of an educator who wants his students to continue to be able to develop themselves according to the times. Therefore this activity is very useful for students to have aspirations in pursuing school education. This activity provides a new atmosphere for students to continue to motivate themselves in achieving their goals as well as one of their efforts to elevate their parents. Having the ability and experience will make students even more courageous in achieving

their every dream. Hopefully this activity can continue and become a routine motivational activity for students. Basic Mathematics and TOEFL Training for Academic and Interview Preparation in the Era of Society 5.0 really helps students in answering all the questions that are in their heads. With enthusiasm and motivation so that the thinking paradigm of students will be wider and more open.

(Paula L. Hampp, Fergina Lengkoan) Learning mathematics has a goal that supports the improvement of students' ability to develop. Starting from the ability of understanding to the ability of reasoning contained in the learning process. It is intended that the potential of students is able to increase and develop optimally. In addition, an honest, objective, systematic and open attitude towards the development of science is the hope of learning mathematics.

The dynamic world of education requires us to always upgrade our skills and insights to the changes that are taking place. Likewise in learning, starting from input activities, processes and outputs must be designed in such a way as to adapt to the development of scientific and technological advances. General description of learning evaluation and how to conduct evaluation in the era of society 5.0. In essence, learning is a process of interaction with the situations that surround individuals. When learning is a process in an achievement, the learners will continue to improve their abilities and efforts in mastering the knowledge being studied including in terms of supporting factors and the surrounding environment. Entering the current era of society, it is time for students to choose their own way and style of learning, including in determining where and when to start learning. In seamless learning, students are given the opportunity to be able to collaborate and interact in various ways with colleagues, learning resources, and the real world as well as the virtual world which requires all students to open their eyes in today's digital era wherever the learner is studying. With this activity, as a form of dedication of an educator who wants his students to continue to be able to develop themselves according to the times. Therefore this activity is very useful for students to have aspirations in pursuing school education. This activity provides a new atmosphere for students to continue to motivate themselves in achieving their goals as well as one of their efforts to elevate their parents. Having the ability and experience will make students even more courageous in achieving their every dream. Hopefully this activity can continue and become a routine motivational activity for students. Basic Mathematics and TOEFL Training for Academic and Interview Preparation in the Era of Society 5.0 (Tira Nur Fitria dan Iin Emy Prastiwi) really helps students in answering all the questions that are in their heads. With enthusiasm and motivation so that the thinking paradigm of students will be wider and more open.

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