



## The Role of Student Organizations in Improving Arabic Language Achievement and Skills

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### ABSTRACT

The problem that researchers get in organizations to improve Arabic skills is the lack of students who speak Arabic actively in the Institut Agama Islam Negeri Batusangkar campus environment. Where students still do not understand the rules in Arabic, especially in terms of mufradat, therefore researchers deliberately raise this as a problem in the current Institut Agama Islam Negeri Batusangkar student organization to improve student achievement and skills in Arabic. In this organization, researchers made the environment on campus into an Arabic-language environment which the organization calls Khimah Araby. Then every week, precisely on Friday morning, the student organization carries out a work program called Ihya'ul Araby. This article aims to develop bi'ahlughawiyyah conducted by the student association of the Arab Education Department of the Batusankar Islamic Institute. This research focussed on the bi'ah lughawiyyah model in terms of the purpose of bi'ah lughawiyyah, the form of activity, and the learning model of bi'ah lughawiyyah. This survey's method is qualitative and uses the Google Forms method (questionnaire). Data analysis is carried out by questionnaire analysis. The result of this study shows that the bi'ah lughawiyyah development model is based on language learning objectives and curriculum objectives. The forms of activity are making learning modules, Nahwu Sharaf learning, Bia'ah Lughawiyyah, Ilqā'Mufradāt, Muhadatsah, Monthly Insha', Language Learning, Rihlah Lughawiyyah, Arts and Competitions (PARBARA). There are three learning models, namely the student learning model by the teacher, the student learning model by the tutor, and the student learning model by the student.

**Keywords:** Arabic Language, Skills, Student Organizations

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## **INTRODUCTION**

An organization is a container that contains a group of several people who have the same goal (American Diabetes Association, 2020). In life, every human being must have goals to be achieved so that life can be carried out properly. Robbins argues that the organization is a social unit that is coordinated consciously, with the presence of an identifiable relative boundary, both working on a relatively continuous basis to achieve common goals. (Webb, 1987) Organizations are very synonymous with student affairs, where one of the functions of student organizations is as a suggestion to support Education and a means to develop self-abilities (Ritonga dkk., 2020). The student as the protagonist of the changer moves renewal means this group of intellectuals who see everything with a clear, positive, critical, responsible, and mature mind. Morally, students are academic tasks that are needed in doing work that is beneficial to ecological life (Lalmuanawma dkk., 2020). Students as agents of change in the renewal movement where a group of intelligent human beings is a group of young people who play an important role in the progress of the nation because students are the greatest source of moral strength for the nation (Zhang dkk., 2019). Thus, there is an organization in higher education as a form of the student movement in providing a forum for channeling student aspirations (YiĞiT & Işık, 2020). The existence of student organizations in the context of student self-development in higher Education is important.

The campus is one of the institutions that has been involved in Education (Szczepiek Reed dkk., 2020). The campus produces people so that they have skills where they are ready to compete in the global world. All students want and expect to get good and satisfactory grades (Althagafi dkk., 2021). To get a high score, each student has a different learning method (Brosh, 2019). Those who excel in overall learning points are supported by perseverance in learning so that they get a learning score to graduate. However, many studies show that student achievement is not only determined by the students' own skills but is also influenced by the school environment in which they carry out the learning process (Chouikhi dkk., 2021). Two things that can influence a student's success are the organizational culture of life and passing organizations and the environment where students share knowledge with each other.

The Student Association of the Department of Arabic Language Education or students majoring in Arabic education is one of the intra-campus student organizations protected by the Faculty of Tarbiyah and Teacher Science Institut Agama Islam Negeri Batusangkar (Abdi dkk., 2019). The organization is a group of students (Hwang et al., 2021) at one event for a common purpose. Basically, organizations are used as a place to gather and work together in a structured, effective and efficient manner by using existing means such as money, materials, methods, and the existing environment to achieve goals (Liu dkk., 2019). The Student Association is a place that has a great Positive impact on students and lecturers (Sabagh dkk., 2018). This program adds the activities in its students' social talents in their dissertation that students who are active

in student activities are in a social environment that demands everyone's responsibility in accordance with their roles (Courtiol dkk., 2019). There are many things that students majoring in Arabic education can do. It helps students and the progress of their learning programs (Levine dkk., 2020). In each faculty (Ardoin & Bowers, 2020), the Department Student Association has an important role in helping faculty leaders to carry out positive work programs (Bruggeman dkk., 2021). These activities can be in the form of studies or seminars and activities that can also be carried out outside the campus, such as conducting social services and educational villages in accordance with the work programs of each students majoring in Arabic language administrator (Botero dkk., 2021). Therefore, it is hoped that the Student Association of the Department of Arabic Language Education can provide a forum for the community to train public speaking skills, express opinions, and add scientific insights, which will later be very useful for these students.

In the post-reform world period and as it is today, students are not only required to have achievements in the academic field but also to achieve in the non-academic field (Chengaiyan dkk., 2020). Going beyond if after becoming an alumnus or university, these additional skills are called non-academic achievements, among them empathy, leadership, time management skills, the ability to work together, problem-solving topics, and the ability to communicate effectively, which students fail to achieve only from the classroom, lectures (Züst dkk., 2019). This non-academic Achievement is usually achieved by students through organizational activities carried out in student organizations on campus (Rashwan, 2023). Student organizations are agencies for the personal development of students who have many interests, among which broaden the horizons of students and strengthen the intellectual mind and personal integrity of students in dealing with campus, community (Tlili dkk., 2022), and national issues. Other benefits that can be achieved are students being active in student organizations on campus, developing collaborative skills, organizational and communication skills, and specific skills where appropriate to the field or category following student organizations.

The language area is a factor that supports language acquisition and language learning (Antony-Newman, 2019). If the rational area is both linguistic components and linguistic skills, both can spread well. Thus, there is a bond between students and their environment (Ribeiro dkk., 2021). In implementing the Curriculum at the Batusangkar State Islamic Institute, the implementation is under the control of the structure higher education officials, starting from their respective universities to the level of technical implementers of the research program (Giordano dkk., 2019). Teachers are at the forefront of implementing the Curriculum at the education level (Ferjan Ramírez dkk., 2020). It was implemented (Aubrey dkk., 2022). The person responsible for the degree program is responsible for admissions. Take strategies and steps to achieve your learning objectives Arabic is carried out while the teacher plays a role in carrying out the process of Education and learning in the classroom, starting from planning (Hwangbo dkk., 2019), Developing teaching methods, and improving scientific abilities

In the field of language (Pinquart & Ebeling, 2020). At the same time, the student as the object of application of the Syllabus plays a very important role in achieving educational objectives (Alnahdi, 2019). What the research program wants to achieve (Li dkk., 2019), including the existence of a base organization Arabic learning program that is expected for students, managers, and members of this Curriculum, can be translated into various activities and work programs, Supporting the realization of the Arabic teaching process carried out.

Education is a very important tool for Improving the role and quality of human resources, especially in its time of Globalization and the rapid development of science, knowledge, and technology in the current development period (Zhu dkk., 2019). Therefore, it is hoped that qualified human resources will be able to realize it. Using, developing, mastering science, appropriate technology, fast, meticulous, and responsible (Rosowsky, 2019). The purpose of Education is aimed at achieving the Interests of students, the interests of society, and Employment or all three at once (Paico Campos dkk., 2023). Educational process Knowledge, skills, development of skills, attitudes, and values Education and self-development of students. Self-enlightenment You need it to be able to face the challenges of life as a person, as a student, as an employee, as an expert, or as a citizen (Serevina & Hamidah, 2022). You need to demonstrate your educational goals to effectively guide and develop the optimal student's potential without neglecting individual differences Depending on the student's developmental potential. Language is a basic and important human need because language is a means of conveying human ideas, ideas, and thoughts in the form of speech or writing with the intention that others understand (Ghani dkk., 2019). As time goes by in human life, the variety of languages increases, including Arabic, English, Chinese, Spanish, Korean, Japanese, and others.

In general, students have three strategic functions, namely truth, agents of change, and the next generation will come. Organized on campus is where growing Students can perform three functions (Sharif Matthews & López, 2019): strategy (Toivonen dkk., 2019). Furthermore, organizations providing soft skills outside of academia are not specifically taught in academia. Work How to organize well with students (Abdrakhmanova dkk., 2021). Maslow refers to self-awareness that It is the human need to live at the highest level. Within the organization, Students can update to develop on a non-academic basis (Abdrakhmanova dkk., 2021). A combination of roles such as student and student organizations. Of course, it's his responsibility, so both roles can work well (Yoon dkk., 2020). This is very different compared to students in general just working on learning. Student activists had to make some sacrifices of passion, energy, material, and time for the activities of the organization that followed (Yoon dkk., 2020). Therefore, it will have an effect on the performance of student learning activists. There are many ways for Students to change, one of which is how to join a campus organization (Deiri, 2023). Almost all facilities in Indonesia have different organizations with their respective goals to adapt to the creativity of students.

Therefore, it is necessary to conduct further research on the role of students majoring in Arabic language students in the Tarbiyah Faculty in developing the religious spirit of students so that students can understand and understand the functions and benefits of students' students majoring in Arabic language assignments (Karlsson dkk., 2020). From previous studies on the role of student organizations for students, it can be concluded that there are several student organization work programs majoring in Arabic language education that support the learning process of listening, speaking, reading, and writing skills. Student organizations are very useful in the learning process of students in the field of lectures (Amin & Badreddine, 2020). The rapid development of science and technology, of course, increasingly requires students to learn to develop, not to lose (Abbas dkk., 2021). Students will not achieve maximum results if they only rely on the knowledge gained in college because most of the material obtained from lectures is only theoretical. Therefore, students are also expected to be active in various active activities both on and off campus, for example, by participating in student organizations on and off campus (Saada & Gross, 2019). College can be a time of intellectual discovery and personality growth (Chekroud dkk., 2021). Students change in response to the program providing new perspectives and ways of thinking, such as: being oriented towards other people's students in terms of views and values, towards the student culture different from the general culture, and from the instructor, who proposes a new model. Choose a university that can represent activities for passionate desires or the beginning of a future career.

This research will look at organizational culture, knowledge, sharing, learning outcomes, learning, and students within the organization. Campus, where students and teachers carry out the process, learning, and teaching. This study refers to from previously carried out by choose and Ragsdale (2013) among them entitled "sharing knowledge in higher education group 4 work", 4 of which concluded is to show that shared knowledge or shared knowledge is very influential on learning activities between the surnames of the culture of the organization is to have values and beliefs allowing members of the organization to understand the roles and norms from which there are in the organization Organizational culture of the organization can be defined as something divisible, the assumption of the basic assumptions in which the organization learns and imitates from the environment and solves problems adapted from the outside and 4 in for research by new members as a direction and to solve problems.

## **RESEARCH METHODOLOGY**

Based on this background, researchers use quantitative research methods. The goal is to develop and use mathematical models, theories, and hypotheses related to natural phenomena. This method also uses the observation method or filling out a questionnaire, where the researcher makes a questionnaire. The research method used in this study is descriptive quantitative, where this research intends to make descriptions, images, or paintings systematically, factually, and accurately regarding the facts, properties, and relationships between the phenomena investigated.



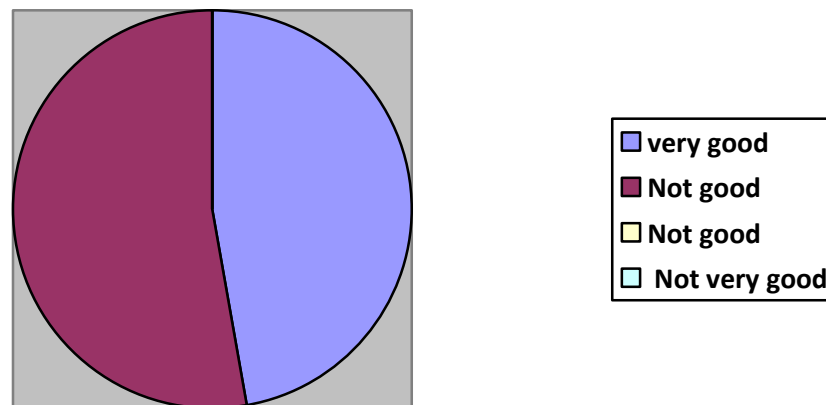
## **RESULT AND DISCUSSION**

The role of student organizations is so that students can divide their time between lectures and organizations because organizations also have their own duties, so students must be good at it. Organizations also play a role so that students can act and think about achieving the goals that have been set. Students as agents of change in the midst of society certainly need to show a positive attitude in interacting. As educated people, students are forced to develop not only their knowledge but also their character. All this cannot be achieved by the method of “butterfly” lectures or going home lectures, this type only prioritizes IP scores or likes to study, but it is very difficult to open up to socializing with their friends. Of course, it is a loss if we are less active in seeking experience, especially since most companies are looking for new workers based on their previous experiences at universities, not just high IP.

In this period of renewal, students are required not only to have achievements in academic fields but also to be successful in non-academic fields. These additional skills are known for non-academic Achievement, including empathy skills, leadership, time management skills, teamwork skills, problem-solving, and effective communication skills, which students do not get from just classes, and lectures. This non-academic Achievement is usually achieved by students through organizational activities carried out in student organizations on campus. Student organizations are organizations for the personal development of students, which have many interests, including broadening the horizons of students and strengthening the intellectual spirit and integrity of students facing the campus, society, and nation. Another benefit that can be obtained is that students actively participate in student organizations on campus, develop collaborative abilities, organizational and communication skills, as well as outstanding skills which are relevant to the category of subject paths or student organizations. In the post-reform era and the current world, students are required not only to have achievements in academic fields but also to be successful in non-academic fields.

Student activists have an obligation not only who studies and is busy with college assignments but also to people who serve the community. This is in line with the Tri Dharma of Higher Education on aspects of Education, research, and community service. From this concept, it is clear that the scope of students is academic and social. The merging of roles as one student and the organizer of the student is, of course, one responsibility is primary until the second role 4 can work well. However, sometimes student activists encounter obstacles in sharing time between academics and institutions. Time division constraints can be solved through time management.

The following is an explanation of the role of Student Organizations in improving Achievement.



The results of the questionnaire data above that the researchers found that using Arabic language learning in student organizations can improve their achievements. That is, 52.9% of students answered very well because in this organization, it is very profitable for them, with their entry into the organization can also add knowledge. And 47.1% of students answered well because the activities carried out in the students majoring in Arabic language organization can help them in understand Arabic language learning, and they can also carry out silaturahmi with fellow students majoring in Arabic language. 0% of students answered this first questionnaire to improve their Arabic language skills. There is a need for an organization because organizations can increase self-potential and knowledge as well as a forum for communication.

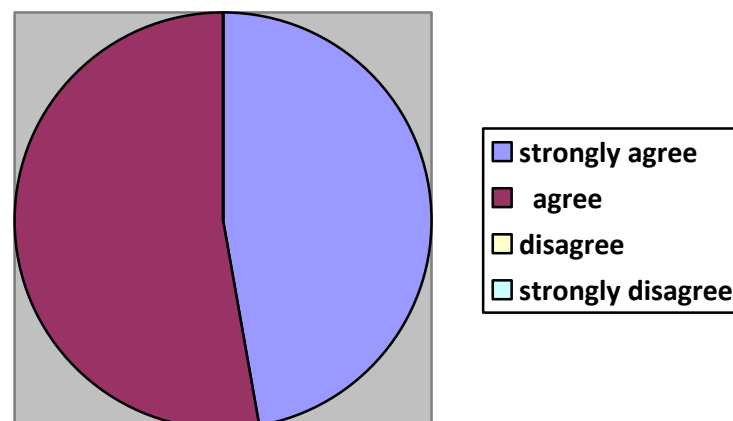
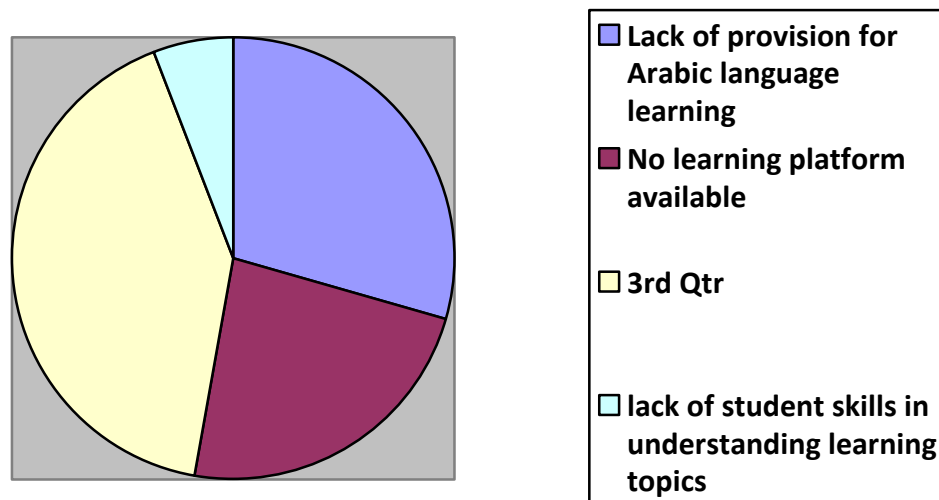


Figure 1. ....

The results of the questionnaire data above, that research found that there was an organizational impact on Arabic language learning. Namely, as many as 52.9% of students answered in agreement because with the existence of an organization, we get a relationship with one profession so that we are able to develop abilities or skills in learning Arabic. And 47.1% of students answered very much in agreement because so many relationships allow students to improve their language skills with their social

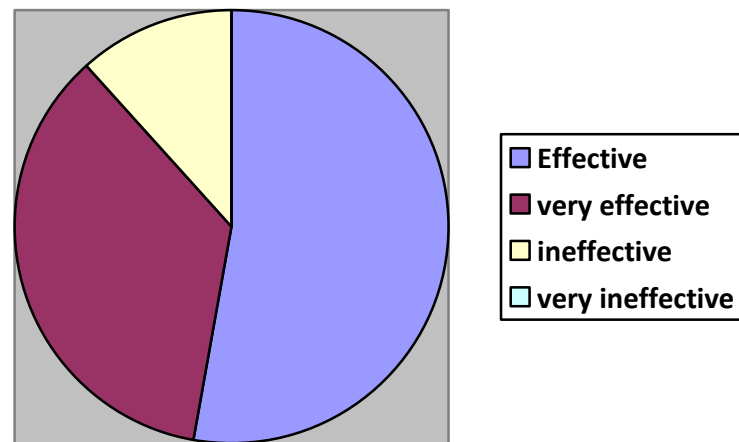
interactions. 0% of students answered disapprovingly because the student was passive in learning Arabic and did not want to have a relationship.

The results of the questionnaire data above can show that the difficulties experienced by organizational students in learning Arabic are various perceptions given by students. Among them were 41.2% of students who stated that the difficulty experienced by these students was the lack of student skills in understanding Arabic language learning. This is due to the lack of student participation in the organization, so

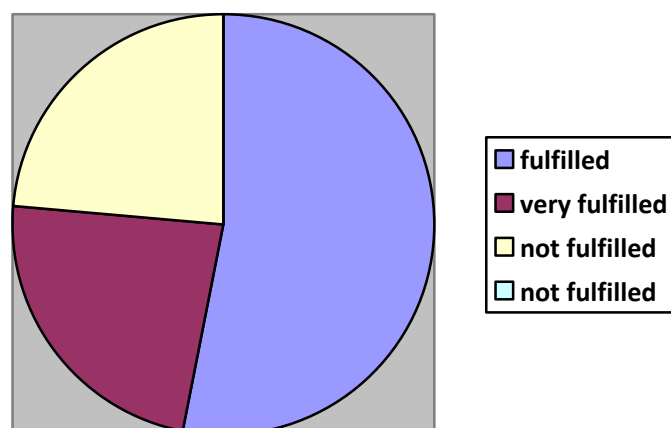


The student experiences difficulties during the Arabic language learning process. 29.4% of students gave the perception that the difficulties experienced by students in improving student achievement and student skills in understanding Arabic language learning were the lack of provision of learning media during the learning process. Because media is a tool that can make it easier for a student to understand Arabic language learning, media is used as a means to help students understand learning. 23.5% of student perceptions that provide answers that the difficulties experienced by students in improving student achievement and skills in understanding Arabic language learning are the unavailability of adequate learning platforms that can improve student achievement and student skills in learning Arabic because the container is also a place to be used as an event in improving student achievement. Because of the lack of a forum that facilitates students' achievements, students also lack participation in their achievements.





From the picture above, there are 52% of students give the perception that organizations can be used as a place to improve skills in Arabic. Because with an organization, students can add a relationship or knowledge that can improve students skills in learning Arabic. In an organization, students also take part in many seminars or training that can increase students' insight into student skills. And the organization is used as a forum for improving students' skills in Arabic. 35.3% who gave the perception that the organization was ineffective was used as a forum to improve student skills in improving student achievement and skills in Arabic because students could not make the organization a forum in a competition for the skills they had so that student achievement could not be resurrected through an organization.



The image data above shows the effectiveness of organizations in improving skills in Arabic there are 52.9% of students give the perception that by following organizations on campus, students can meet the skills that exist in learning Arabic because, with the existence of organizations, students can communicate using Arabic with their peers when organizing, so that proficiency in Arabic can be fulfilled by students during the organization of a university. 23.5% of students gave the perception that through an organization, students could not meet the skills that exist in learning Arabic, both in reading proficiency, writing proficiency, listening proficiency, and proficiency in speech. Because when participating in the organization, students do not take advantage of the organization to improve the Arabic language. So, there is no effect on the organization they participate in on their proficiency in Arabic. Furthermore, 0% of students answered very unsupportive about the influence of Arabic language learning in organizations on campus because they simply carried out Arabic language learning when studying on campus.

The results of the questionnaire above showed that students who answered learning Arabic with their entry into the organization were very helpful in learning Arabic. Organizations on each campus have several advantages, especially organizations in the Student Association of the Arabic Language Education Department are organizations that excel in every field of Achievement and skills, both in the intellectual and non-intellectual fields. In the intellectual field, such as in the field of Musabaqah Qira'atil Kutub, Arabic debate, and ghina Araby. And in the non-intellectual field, for example, Futsal Competitions, badminton, volleyball, basketball, and court tennis. An activity is an event or event that is usually not carried out continuously in continuity, while an organization is a group of people (two or more) working together to achieve the goals that have been set. Cooperation It can be built by engaging in activities that can improve theoretical performance. According to Uzer and Lilis (1993:22, in Inriyani, Y., Wahjoedi, W., & Sudarmiatin, S., 2016), extracurricular activities are activities that are carried out outside of school hours (see earlier) whether taken at school or outside of school for the purpose of enriching and expanding the knowledge and skills they already have from different areas of research. Student activities in higher Education are extracurricular activities in the form of student organizations.

An organizational activity is an event or event carried out by a group of people united officially, outside of school hours, even in the school environment, and outside the school environment in order to expand their knowledge and skills of possessing. While the definition of extracurricular activities, according to the Ministry of Education and Culture, is: activities carried out outside of face-to-face lessons, carried out in schools, or outside of school to further enrich and expand the knowledge and skills that have been learned from various curriculum topics. The activities of the organization are aimed at training students to learn how to live in society, learn how to solve different problem problems, and acquire knowledge that cannot be absorbed in lectures.

The negative influence of the organization on student achievement is that a lot of time is wasted due to an activity, then it is suppressed by responsibility, and if it is not carried out, it will get sanctions that will burden oneself. Then it gives rise to a polemic against fellow organizations that have a variety of ideas for which the idea must be forcibly suspended, and it is difficult to accept the opinions of others and will cause selfishness for ourselves so that our opinions are accepted by the general public. Then it will give rise to a strong desire to occupy the leadership throne by justifying various means and harming some of the parties contained in the membership of the organization. If another group does not get the right leader, then another group will try to bring down the leader, which will make the organization chaotic and lose its way.

From different areas of research, student activities in higher Education are extracurricular activities in the form of student organizations. An organizational activity is an event or event carried out by a formal group consisting of people, outside of school hours, even at school, and outside the school of institutions intended to expand the knowledge, knowledge, and skills they possess. Meanwhile, the definition of extracurricular activities according to the Ministry of Education and Culture (1984: 6) is as follows: activities are carried out outside of face-to-face lessons, carried out at school or outside of school to enrich and deepen. Knowledge and skills learned from various subjects of the program. The activities of this organization are aimed at training students to learn how to live in society, learn to solve different problems, and acquire knowledge that lectures cannot absorb.

According to Bonnie L. Barber (2005, in Mahoney, J. L., Larson, R. W., & Eccles, J. S.): 1) Social activities, that is, voluntary actions aimed at others in support of the person's ongoing activities, without direct benefit; 2) Team sports, that is, participants from one or more schools of people who work together and form teams; 3) Performing arts, that is, participants have groups of performing arts, drama, and dance; 4) Involvement of the school, participation of directors, club owners and presidents of each organization; 5) Academic Club, There are activities in the form of debates, language clubs, mathematics clubs, chess clubs, and science clubs. In the post-and present-day world reform period, students are not only required to have achievements in the academic field but also achievements in the non-academic field. Go beyond if after becoming an alumnus or university. Indeed, data from the Central Statistics BPS (BPS) during February 2015 showed that up to 400 thousand Indonesian youth had university degrees or higher, so they were unemployed (Afriani Susanti, 2016). Even in August 2015, BPS recorded unemployment reaching 7.56 million people, or an increase of 320 thousand people from the same period in the same year to before 7.24 million of them.

Decree of the Minister of National Education of the Republic of Indonesia Number 232 / U / 2000 concerning Guidelines for the Preparation of Higher Education Programs and assessing learning outcomes from students shows that in addition to competence in the field of science (basic knowledge), students need additional skills. These additional skills are called academic achievements instead, which are empathy, leadership, time management skills, the ability to cooperate, solve problems, and the

ability to communicate effectively, which students fail to achieve only from the hall lectures. This non-academic Achievement is usually achieved by students through organizational activities carried out in student organizations on campus. Another benefit that can be obtained is students, where students are active in student organizations on campus, developing cooperation skills, organizational skills and communication skills, and specific skills where appropriate to the field or category of the student organization is followed. The last name tends to understand and interact with other people, so it is very easy to blend in with the surroundings. According to Nashori di Leny, students' interpersonal intelligence can be influenced by different factors. One of the factors that participation affects the interpersonal intelligence of students' activity, and social participation is experienced. developing close friendships with others may gain a uniquely active one from the student organization. , Student Cooperatives (KOPMA), Campus Da'wah Institutes (LDK), Scouts, MAPALA, Hockey, Football, LPTQ and Da'wah, Research and Development (R&D), Sacred Sites, Taekwondo, Volleyball, Language Student Forums, Religious Campus Bands and Karate UKMK Student Collaboration (KOPMA) is one of the internal student organizations among which plays a role in the development of talents, and special interests of students in the field of business or entrepreneurship. Only the activities carried out by UKMK KOPMA on the campus of is also quite large. For example, they have photo companies, copies, convenience stores, and canteens. In addition to certain events on the campus, such as bachelor's or bachelor's degrees, always holds bazaar activities on campus in order to improve the campus economy and make it easier for students to complete lecture stationery equipment and other tools needed by students.

## **CONCLUSION**

An organization is a container that contains a group of several people who have the same goal. In life, every human being must have goals to be achieved so that life can be carried out properly. Robbins argues that the organization is a social unit that is coordinated consciously, with the presence of an identifiable relative boundary, both working on a relatively continuous basis to achieve common goals. Organizations are very synonymous with student affairs, where one of the functions of student organizations is as a suggestion to support Education and a means to develop self-abilities. The student as the protagonist of the changer moves renewal means this group of intellectuals who see everything with a clear, positive, critical, responsible, and mature mind. Morally, students are academic tasks that are needed in doing work that is beneficial to ecological life

## **REFERENCES**

- Abbas, J., Wang, D., Su, Z., & Ziapour, A. (2021). The Role of Social Media in the Advent of COVID-19 Pandemic: Crisis Management, Mental Health Challenges and Implications. *Risk Management and Healthcare Policy*, Volume 14, 1917–1932. <https://doi.org/10.2147/RMHP.S284313>

- Abdi, A., Shamsuddin, S. M., Hasan, S., & Piran, J. (2019). Deep learning-based sentiment classification of evaluative text based on Multi-feature fusion. *Information Processing & Management*, 56(4), 1245–1259. <https://doi.org/10.1016/j.ipm.2019.02.018>
- Abdrakhmanova, M., Kuzdeuov, A., Jarju, S., Khassanov, Y., Lewis, M., & Varol, H. A. (2021). SpeakingFaces: A Large-Scale Multimodal Dataset of Voice Commands with Visual and Thermal Video Streams. *Sensors*, 21(10), 3465. <https://doi.org/10.3390/s21103465>
- Alnahdi, G. H. (2019). Rasch validation of the Arabic version of the Teacher Efficacy for Inclusive Practices (TEIP) scale. *Studies in Educational Evaluation*, 62, 104–110. <https://doi.org/10.1016/j.stueduc.2019.05.004>
- Althagafi, A., Althobaiti, G., Alhakami, H., & Alsubait, T. (2021). Arabic Tweets Sentiment Analysis about Online Learning during COVID-19 in Saudi Arabia. *International Journal of Advanced Computer Science and Applications*, 12(3). <https://doi.org/10.14569/IJACSA.2021.0120373>
- Ameliola, S., & Nugraha, H. D. (2015). Perkembangan Media Informasi dan Teknologi Terhadap Anak dalam Era Globalisasi. *Perkembangan Media Informasidan Teknologi Terhadap Perkembangan Anak*, 2, 400.
- American Diabetes Association. (2020). 13. Children and Adolescents: *Standards of Medical Care in Diabetes—2020*. *Diabetes Care*, 43(Supplement\_1), S163–S182. <https://doi.org/10.2337/dc20-S013>
- Amin, T., & Badreddine, D. (2020). Teaching science in Arabic: Diglossia and discourse patterns in the elementary classroom. *International Journal of Science Education*, 42(14), 2290–2330. <https://doi.org/10.1080/09500693.2019.1629039>
- Anggraeny, F. T., Wahanani, H. E., Akbar, F. A., Raharjo, M. I. P., & Rizkyando, S. (2021). Peningkatan Ketrampilan Kreativitas Desain Grafis Digital Siswa SMU Menggunakan Aplikasi CANVA pada Ponsel Pintar. *Journal of Appropriate Technology for Community Services*, 2(2), 86–91. <https://doi.org/10.20885/jattec.vol2.iss2.art5>
- Annisa, N. (2021). Pengembangan Media Pembelajaran Berbasis Website Pada Materi Sortasi Dan Grading. *Edufortech*, 6(1). <https://doi.org/10.17509/edufortech.v6i1.33290>
- Antony-Newman, M. (2019). Parental involvement of immigrant parents: A meta-synthesis. *Educational Review*, 71(3), 362–381. <https://doi.org/10.1080/00131911.2017.1423278>
- Aubrey, S., King, J., & Almukhail, H. (2022). Language Learner Engagement During Speaking Tasks: A Longitudinal Study. *RELC Journal*, 53(3), 519–533. <https://doi.org/10.1177/0033688220945418>
- Bondy, B., Klages, U., Müller-Spahn, F., & Hock, C. (1994). Cytosolic free [Ca<sup>2+</sup>] in mononuclear blood cells from demented patients and healthy controls. *European Archives of Psychiatry and Clinical Neuroscience*, 243(5), 224–228. <https://doi.org/10.1007/BF02191578>
- Botero, U. J., Wilson, R., Lu, H., Rahman, M. T., Mallaiyan, M. A., Ganji, F., Asadizanjani, N., Tehranipoor, M. M., Woodard, D. L., & Forte, D. (2021). Hardware Trust and Assurance through Reverse Engineering: A Tutorial and Outlook from Image Analysis and Machine Learning Perspectives. *ACM Journal on Emerging Technologies in Computing Systems*, 17(4), 1–53. <https://doi.org/10.1145/3464959>

- Brosh, H. Y. (2019). Arabic language-learning strategy preferences among undergraduate students. *Studies in Second Language Learning and Teaching*, 9(2), 351–377. <https://doi.org/10.14746/ssllt.2019.9.2.5>
- Bruggeman, B., Tondeur, J., Struyven, K., Pynoo, B., Garone, A., & Vanslambrouck, S. (2021). Experts speaking: Crucial teacher attributes for implementing blended learning in higher education. *The Internet and Higher Education*, 48, 100772. <https://doi.org/10.1016/j.iheduc.2020.100772>
- Chekroud, A. M., Bondar, J., Delgadillo, J., Doherty, G., Wasil, A., Fokkema, M., Cohen, Z., Belgrave, D., DeRubeis, R., Iniesta, R., Dwyer, D., & Choi, K. (2021). The promise of machine learning in predicting treatment outcomes in psychiatry. *World Psychiatry*, 20(2), 154–170. <https://doi.org/10.1002/wps.20882>
- Chengaiyan, S., Retnapandian, A. S., & Anandan, K. (2020). Identification of vowels in consonant–vowel–consonant words from speech imagery based EEG signals. *Cognitive Neurodynamics*, 14(1), 1–19. <https://doi.org/10.1007/s11571-019-09558-5>
- Dahou, A., Elaziz, M. A., Zhou, J., & Xiong, S. (2019). Arabic Sentiment Classification Using Convolutional Neural Network and Differential Evolution Algorithm. *Computational Intelligence and Neuroscience*, 2019, 1–16. <https://doi.org/10.1155/2019/2537689>
- Deiri, Y. (2023). Teaching Arabic to children and youth in the United States: Between love and indictment. *International Journal of Bilingual Education and Bilingualism*, 26(7), 817–829. <https://doi.org/10.1080/13670050.2021.1989372>
- Dwijayani, N. M. (2019). Development of circle learning media to improve student learning outcomes. *Journal of Physics: Conference Series*, 1321(2), 171–187. <https://doi.org/10.1088/1742-6596/1321/2/022099>
- Ferjan Ramírez, N., Lytle, S. R., & Kuhl, P. K. (2020). Parent coaching increases conversational turns and advances infant language development. *Proceedings of the National Academy of Sciences*, 117(7), 3484–3491. <https://doi.org/10.1073/pnas.1921653117>
- Ghani, N. A., Hamid, S., Targio Hashem, I. A., & Ahmed, E. (2019). Social media big data analytics: A survey. *Computers in Human Behavior*, 101, 417–428. <https://doi.org/10.1016/j.chb.2018.08.039>
- Giordano, P. C., Copp, J. E., Manning, W. D., & Longmore, M. A. (2019). Linking parental incarceration and family dynamics associated with intergenerational transmission: A life-course perspective\*. *Criminology*, 57(3), 395–423. <https://doi.org/10.1111/1745-9125.12209>
- Hadi, I. P. (2010). Perkembangan Teknologi Komunikasi Dalam Era Jurnalistik Modern. *Scriptura*, 3(1), 69–84. <https://doi.org/10.9744/scriptura.3.1.69-84>
- Hapsari, Gita Permata Puspita., & Z. (2021). Analysis Of The Needs of Animated Video Media Based on The Canva Application in Science. *Pancasakti Science Education Journal*, 6(1), 22–29. <https://doi.org/10.24905/psej.v6i1.43>
- Hwangbo, J., Lee, J., Dosovitskiy, A., Bellicoso, D., Tsounis, V., Koltun, V., & Hutter, M. (2019). Learning agile and dynamic motor skills for legged robots. *Science Robotics*, 4(26), eaau5872. <https://doi.org/10.1126/scirobotics.aau5872>
- Karlsson, A., Nygård Larsson, P., & Jakobsson, A. (2020). The continuity of learning in a translanguaging science classroom. *Cultural Studies of Science Education*, 15(1), 1–25. <https://doi.org/10.1007/s11422-019-09933-y>



- Lalmuanawma, S., Hussain, J., & Chhakchhuak, L. (2020). Applications of machine learning and artificial intelligence for Covid-19 (SARS-CoV-2) pandemic: A review. *Chaos, Solitons & Fractals*, 139, 110059. <https://doi.org/10.1016/j.chaos.2020.110059>
- Levine, D., Pace, A., Luo, R., Hirsh-Pasek, K., Michnick Golinkoff, R., De Villiers, J., Iglesias, A., & Sweig Wilson, M. (2020). Evaluating socioeconomic gaps in preschoolers' vocabulary, syntax and language process skills with the Quick Interactive Language Screener (QUILS). *Early Childhood Research Quarterly*, 50, 114–128. <https://doi.org/10.1016/j.ecresq.2018.11.006>
- Li, C., Wang, J., Wang, Y., Gao, H., Wei, G., Huang, Y., Yu, H., Gan, Y., Wang, Y., Mei, L., Chen, H., Hu, H., Zhang, Z., & Jin, Y. (2019). Recent progress in drug delivery. *Acta Pharmaceutica Sinica B*, 9(6), 1145–1162. <https://doi.org/10.1016/j.apsb.2019.08.003>
- Li, Z., Shen, H., Cheng, Q., Liu, Y., You, S., & He, Z. (2019). Deep learning based cloud detection for medium and high resolution remote sensing images of different sensors. *ISPRS Journal of Photogrammetry and Remote Sensing*, 150, 197–212. <https://doi.org/10.1016/j.isprsjprs.2019.02.017>
- Paico Campos, M. M., Ramos-Cosi, S., & Andrade-Arenas, L. (2023). SAFE Mobile Application: Prevention of Violence Against Women. *International Journal of Engineering Trends and Technology*, 71(12), 299–307. <https://doi.org/10.14445/22315381/IJETT-V71I12P228>
- Pinquart, M., & Ebeling, M. (2020). Parental Educational Expectations and Academic Achievement in Children and Adolescents—A Meta-analysis. *Educational Psychology Review*, 32(2), 463–480. <https://doi.org/10.1007/s10648-019-09506-z>
- Rashwan, H. (2023). Intellectual Decolonization and Harmful Nativism: Arabic Knowledge Production of Ancient Egyptian Literature. *Interventions*, 1–38. <https://doi.org/10.1080/1369801X.2022.2161054>
- Rasyid, H. Al. (2017). Pengaruh Kualitas Layanan Dan Pemanfaatan Teknologi Terhadap Kepuasan Dan Loyalitas Pelanggan Go-Jek. *Jurnal Ecodemica: Jurnal Ekonomi, Manajemen, dan Bisnis*, 1(2), 210–223. <https://doi.org/10.31311/jeco.v1i2.2026>
- Ribeiro, L. M., Cunha, R. S., Silva, M. C. A. E., Carvalho, M., & Vital, M. L. (2021). Parental Involvement during Pandemic Times: Challenges and Opportunities. *Education Sciences*, 11(6), 302. <https://doi.org/10.3390/educsci11060302>
- Ritonga, M., Asrina, A., Widayanti, R., Alrasi, F., Julhadi, J., & Halim, S. (2020). Analysis of Arabic Language Learning at Higher Education Institutions with Multi-Religion Students. *Universal Journal of Educational Research*, 8(9), 4333–4339. <https://doi.org/10.13189/ujer.2020.080960>
- Rosowsky, A. (2019). Sacred language acquisition in superdiverse contexts. *Linguistics and Education*, 53, 100751. <https://doi.org/10.1016/j.linged.2019.100751>
- Saada, N., & Gross, Z. (2019). The experiences of Arab teachers in Jewish schools in Israel. *Teaching and Teacher Education*, 79, 198–207. <https://doi.org/10.1016/j.tate.2018.11.012>
- Serevina, V., & Hamidah, I. (2022). Science, Technology, Engineering, and Math (STEM) based Geothermal Energy Source Digital Module Assisted by Canva Application. *Journal of Physics: Conference Series*, 2377(1), 012063. <https://doi.org/10.1088/1742-6596/2377/1/012063>

- Sharif Matthews, J., & López, F. (2019). Speaking their language: The role of cultural content integration and heritage language for academic achievement among Latino children. *Contemporary Educational Psychology*, 57, 72–86. <https://doi.org/10.1016/j.cedpsych.2018.01.005>
- Szcepek Reed, B., Said, F., Davies, I., & Bengsch, G. (2020). Arabic complementary schools in England: Language and Fundamental British Values. *Language, Culture and Curriculum*, 33(1), 50–65. <https://doi.org/10.1080/07908318.2019.1569674>
- Ting, D. S. W., Peng, L., Varadarajan, A. V., Keane, P. A., Burlina, P. M., Chiang, M. F., Schmetterer, L., Pasquale, L. R., Bressler, N. M., Webster, D. R., Abramoff, M., & Wong, T. Y. (2019). Deep learning in ophthalmology: The technical and clinical considerations. *Progress in Retinal and Eye Research*, 72, 100759. <https://doi.org/10.1016/j.preteyeres.2019.04.003>
- Tlili, A., Huang, R., Shehata, B., Liu, D., Zhao, J., Metwally, A. H. S., Wang, H., Denden, M., Bozkurt, A., Lee, L.-H., Beyoglu, D., Altinay, F., Sharma, R. C., Altinay, Z., Li, Z., Liu, J., Ahmad, F., Hu, Y., Salha, S., ... Burgos, D. (2022). Is Metaverse in education a blessing or a curse: A combined content and bibliometric analysis. *Smart Learning Environments*, 9(1), 24. <https://doi.org/10.1186/s40561-022-00205-x>
- Toivonen, T., Heikinheimo, V., Fink, C., Hausmann, A., Hiippala, T., Järv, O., Tenkanen, H., & Di Minin, E. (2019). Social media data for conservation science: A methodological overview. *Biological Conservation*, 233, 298–315. <https://doi.org/10.1016/j.biocon.2019.01.023>
- YiGiT, A., & Işık, Z. (2020). Applying deep learning models to structural MRI for stage prediction of Alzheimer's disease. *TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES*, 28(1), 196–210. <https://doi.org/10.3906/elk-1904-172>
- Yoon, Y., Cha, B., Lee, J.-H., Jang, M., Lee, J., Kim, J., & Lee, G. (2020). Speech gesture generation from the trimodal context of text, audio, and speaker identity. *ACM Transactions on Graphics*, 39(6), 1–16. <https://doi.org/10.1145/3414685.3417838>
- Zhang, W., Liu, Y., & Guo, Z. (2019). Approaching high-performance potassium-ion batteries via advanced design strategies and engineering. *Science Advances*, 5(5), eaav7412. <https://doi.org/10.1126/sciadv.aav7412>
- Zhu, L., Gao, M., Peh, C. K. N., & Ho, G. W. (2019). Recent progress in solar-driven interfacial water evaporation: Advanced designs and applications. *Nano Energy*, 57, 507–518. <https://doi.org/10.1016/j.nanoen.2018.12.046>
- Züst, M. A., Ruch, S., Wiest, R., & Henke, K. (2019). Implicit Vocabulary Learning during Sleep Is Bound to Slow-Wave Peaks. *Current Biology*, 29(4), 541–553.e7. <https://doi.org/10.1016/j.cub.2018.12.038>

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