

Istithmar: Jurnal Studi Ekonomi Syariah Volume 7 Nomor 2 Desember 2023 ISSN (Cetak) : 2598-9804; ISSN (Online) : 2654-9387 http://jurnalfebi.iainkediri.ac.id/index.php/istithmar DOI : http://doi.org/10.30762/istithmar.v6i1.33

The effects of Gratitude, Spiritual Intelligence, and Organizational Citizenship behavior on Speaker performance (a case study of higher education in Lubuklinggau town)

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ABSTRAK

Hasil penelitian menunjukkan bahwa Syukur berpengaruh secara parsial terhadap kinerja dosen, hasil uji t menunjukkan nilai t hitung lebih signifikan dibandingkan tablet (2,477 > 1,984) dan nilai signifikansi sebesar 0,002; Kecerdasan Spiritual berpengaruh secara parsial terhadap kinerja dosen, hasil uji t menunjukkan nilai t hitung lebih signifikan dibandingkan tablet (3,667 > 1,984) dan nilai signifikansi sebesar 0,001; OCB berpengaruh secara parsial terhadap kinerja dosen, hasil uji t menunjukkan nilai t hitung lebih signifikan dibandingkan tablet (2,889 > 1,984)dan nilai signifikansi sebesar 0,000; Selanjutnya Syukur, Kecerdasan Spiritual, dan OCB secara bersama-sama (simultan) berpengaruh terhadap kinerja dosen, dimana nilai f hitung lebih besar dari f tabel (26,997 > 2,696).

Kata kunci : Syukur, Kinerja Dosen; Kecerdasan Spiritual; Perilaku Kewarganegaraan Organisasi (OCB)

ABSTRACT

The results showed that Gratitude had a partial effect on lecturer performance, the results of the t-test showed a calculated t value more significant than the tablet (2.477 > 1.984) and a significance value of 0.002; Spiritual Intelligence partially affects the performance of lecturers, the results of the t-test show a calculated t value more significant than the tablet (3.667 > 1.984) and a significance value of 0.001; OCB has a partial effect on lecturer performance, the results of the t-test show a calculated t value more significant than the tablet (2.889 > 1.984) and a significance value of 0.000; Furthermore, Gratitude, Spiritual Intelligence, and OCB together (simultaneously) affect lecturer performance, where the calculated f value is greater than the table f (26,997 > 2,696).

Keywords : Gratitude, Lecturer Performance; Spiritual Intelligence; Organizational Citizenship Behavior (OCB)

Article History:

Submitted : 17 September 2023; Accepted: 26 Januari 2024; Published: 31 Januari 2024

How to Cite:

Triono, Nopa Dwi Saputra, Anurag Hazarika, Sabeeha Hamza Dehham. 2024. The Effects of Gratitude, Spiritual Intelligence, and Organizational Citizenship Behavior on Speaker Performance (a case study of higher education in Lubuklinggau town). *Istithmar : Jurnal Studi Ekonomi Syariah* 7 (2): 145-158. http://doi.org/10.30762/istithmar.v6i1.33.

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INTRODUCTION

Planning and readiness of human resources are essential in achieving organizational goals (Dona, 2017; Farr-Wharton, 2018). Likewise, in higher education, higher education is a readiness, and the role of lecturers is to support the realization of the vision of higher education (Sagsoz, 2017), which includes the tri dharma of higher education, including educational activities. research. and community service (Halberstadt, 2019; Iwu, 2021). Educational and teaching activities are realistically carried out through learning activities carried out by lecturers and students (Hallewell, 2017; Karbownik et al., 2016). Research activities are the second element that aims to obtain the truth through scientific methods and principles (Mulligan & Kirkpatrick, 2000; O'Callaghan, 2017). Research is carried out to complete administrative requirements, and ideally, the research results are policy-making helpful for purposes (policy research) (Sailer, 2021). The third point is community service, a concrete manifestation of the work of the academic community in each university to provide education (Harini, 2020; Ismail, 2019), training, and services, as well as applying the results of science and technology aimed at the community (Costouros, 2020; Pachler, 2019).

The quality of its teachers primarily determines the existence and development of a higher education institution (Boyle, 2015; Kaya, 2018). Therefore, factors

influencing teacher performance must be considered (Ariza, 2018; Wood, 2017). The contribution of universities to improving teacher quality is substantial (Seifert, 2015; Wei, 2020). Faculties are essential in providing quality education to produce quality graduates who can fulfill national interests and increase the country's competitiveness. As a forum for preparing the nation's next generation, every university must remain open and develop for the better. This is important so that every university can be part of the country's development in the future. Developing competent professors in line with the university's vision and mission requires a lot of continuous and measurable efforts (Hernández-López, 2016).

Research conducted by (Dewanti et al., 2020) and (H. B. Santoso, 2018) stated that lecturers must demonstrate exemplary performance. Improving lecturer performance requires several things, such as high motivation, adequate competence, good leadership, and a work environment that supports lecturers to improve their performance. Performance is a particular achievement related to job duties and responsibilities (Fenton-Smith, 2017). Performance is an action carried out over a certain period to help achieve organizational goals (Lauridsen, 2017; A. Santoso, 2019). Meanwhile, lecturer performance is the performance shown by the lecturer, both in terms of quality and quantity, in carrying out their duties by the responsibilities given to them, which is measured based

on discipline, cooperation, obedience, attendance, professional competence, and quantity of work, (Holmström, 2018). The urgency of a lecturer's actions lies in their impact on both the institution and other parties. For universities, lecturer performance, in general, dramatically influences many areas, including accreditation and the quality of education provided. In a broader context, it can create a positive image in society. Gratitude is an individual's tendency to feel grateful for everything (Green, 2015). (Oleksiyenko, 2019) explains, conceptually, that gratitude has two levels, including circumstances and traits. Gratitude as a condition is interpreted as a subjective feeling related to admiration, gratitude, and appreciation for something an individual receives. In the context of performance, applying gratitude makes an employee, in this case, a lecturer, pay close attention to the benefits and enjoyable aspects of their work and responsibilities. This will reduce a lecturer's desire to leave and choose to remain at the university that houses him.

Spiritual intelligence brings behavior and life into a deeper, meaningful aspect to assess that a person's way of life and actions are valuable and meaningful compared to others (Hei, 2015). Spiritual intelligence in a lecturer can enable him to see when love and understanding have reached their limits, as well as relate to the good and bad of a performance that has been carried out. A lecturer with spiritual intelligence in the workplace has three main components: life values from within oneself, meaning and purpose in work, and a sense of being connected to the community (Candela, 2018; Wali, 2020). (Ganieva, 2015) states that four leading indicators can be used as a reference for measuring spiritual intelligence in a lecturer's performance: Existential critical thinking, building personal meaning, transcendental awareness, and expanding the level of consciousness.

On the other hand, Organizational Citizenship Behavior (OCB) for a lecturer is related to the culture in higher education. OCB is the positive behavior of a lecturer. Positive behavior is a willingness to work and contribute to the university that houses it. OCB is also the loyalty, love, and sense of belonging of a lecturer to a higher education institution (Sorg, 2016). Research (Kenny, 2015) stated that organizational climate factors can influence OCB.

Furthermore, the research results (Karjuni et al., 2022) concluded that apart from organizational climate, motivation also influences OCB. Several research results show that organizational climate has a powerful influence on performance. (Baist et al., 2019) Moreover, work motivation influences lecturer performance. This research aims to determine the influence of gratitude, spiritual intelligence, and Organizational Citizenship Behavior (OCB) on the performance of lecturers at universities in Lubuklinggau, South Sumatra

LITERATUR REVIEW

Lecturer Performance

Williams & Davis (2021)defines performance as a translation of "performance," meaning: 1) Actions, carrying out work, work performance, carrying out practical work. 2) A person's achievements/accomplishments regarding the tasks assigned (Goltz, 2017). 3) The results of the work of a worker, a management process, or an organization as a whole, where the results of this work must be shown in concrete and measurable ways (compared to predetermined standards). 4) Performance is defined as a record of the outcomes of a particular activity during a specific period. 5) Work results can be achieved by a person or group of people in an organization by their respective authority and responsibilities to achieve the goals of the organization concerned legally, without violating the law, and by morals or ethics.

Lecturers are an essential factor in creating quality higher education institutions. Quality educators are an absolute requirement for the presence of quality education systems and practices (Vitarani et al., 2021; Wong, 2019). Meanwhile, lecturer performance in a higher education institution is the concrete behavior displayed by each lecturer in the work performance obtained by each lecturer according to their role. Lecturer performance assessment is a process of evaluating lecturer performance and evaluating lecturer work output. There are many ways to assess lecturer performance evaluations, for example, education,

research, community service, and other support.

Regarding lecturer performance, it includes three main things, as stated in the law on teachers and lecturers: 1. Teaching performance 2. Research performance 3. Community service performance (Song et al., 2016). (Shi, 2022) stated that a lecturer's achievements could be seen with the naked eye; in education, it can be shown with a diploma; in teaching, it can be shown by class attendance; in research, it can be shown with a journal; and in service, it can be proven with a report. However, all that will only be true if the speaker chooses to perceive it. Whatever happens, the urgency of a lecturer's action is its impact. For example, a good teacher's way of teaching can influence students' emotions, and indirectly, students will become a good advertising vehicle for educational institutions. Therefore, (Barbosa, 2022) states that knowledge and a mature soul are requirements to become a lecturer. as an educator (competency).

Apart from that, lecturers' achievements in the field of research make a significant contribution to the reputation of higher education, especially in the form of accreditation (Brito-Henriques, 2018). This significantly can increase the popularity of educational institutions. In addition, adequate research can help higher education institutions to be recognized by national and international organizations, thus strengthening the position of higher education institutions in the world of education (Codjia, 2017; Goebl, 2001). The impact can increase public confidence in the quality of education provided. In a study, it was explained that the most visible achievement of professors is results-based work, where the evidence can be consulted in prestigious national or international journals, thus strengthening the image of the university and the lecturers concerned (Abdulwahid, 2021; Tarchella, 2021).

Another essential thing in lecturer performance is the implementation of community service activities. This activity consists of a systematic final series where the speaker is asked to demonstrate his knowledge, especially by carrying out an action and carrying out specific actions that might help improve people's standard of living (Humaidi et al., 2022; Sugianto et al., 2023; Vidyastuti et al., 2018). For example, by providing training in various activities with economic value, business or business development, becoming an advisor to a company or activity, and becoming a pioneer in other humanitarian activities, such as activating social and religious activities, legal aid, etc., (Latipun et al., 2022; Riono et al., 2023).

Gratitude

According to (Widodo et al., 2023), gratitude comes from Latin, namely gratis or gratitude, which means thanks or praise. In Arabic terminology, the word gratitude has two primary words of gratitude. Includes: 1) praise for the goodness obtained, shown by feelings of pleasure and satisfaction, even if only a little. 2) a feeling of having fulfilled all needs accompanied by fortitude. The concept of gratitude in Islam is explained as an attitude of acknowledgment of the blessings that Allah SWT has bestowed upon him, accompanied by an attitude of submission and using His blessings by the will of Allah SWT (Jans-Beken, 2015). According to (O'Connell, 2016), gratitude manifests positive emotions. Gratitude is a unique, pleasant feeling which manifests itself in the form of gratitude or thankfulness. This arises when someone receives kindness (kindness, compassion, love), benefits, or altruistic assistance from other parties.

Spiritual Intelligence

intelligence is the Spiritual intelligence to face and solve problems of meaning and value, namely placing human behavior and life in a broader and richer context of meaning and assessing one's actions or way of life are more meaningful than others (Büssing, 2018; Cortini, 2019). Indications of well-developed spiritual intelligence (SQ) include: 1. The ability to be flexible, namely being able to position oneself and accept other people's opinions openly. 2. The presence of high selfintelligence, such as autocriticism and knowing the purpose and vision of life. 3. The ability to face and take advantage of suffering, such as having no regrets, keeping smiling, calm, and praying. 4. The ability to face and overcome hurt feelings is sincere and forgiving. 5. Quality of life

that is inspired by vision and values, such as principles and guidelines for life, and is based on truth. 6. Reluctance to cause unnecessary losses, such as not delaying work and thinking before acting. 7. The tendency to see the relationship between various things, namely taking a holistic view, such as the ability to think logically and act according to social norms. 8. The tendency to ask "why" or "what if" and try to find basic answers, such as the ability to imagine and be very curious. 9. Has the ease of working against conventions, such as being willing to give and not wanting to take (Bono, 2019).

Organizational Citizen Behavior (OCB)

Organizational Citizenship Behavior (OCB) or organizational citizenship is part of organizational behavior science. While the essential attitude identifies that employees are involved in OCB to retaliate against organizational actions (Kumar, 2018; Morgan, 2015). Organizational citizenship behavior is individual choice and initiative, not related to the organization's formal reward system but, in aggregate, increases organizational effectiveness. According to (Dusen, 2015), OCB is a selected behavior that is not part of an employee's formal work obligations but supports the effective functioning of the organization. In the last three decades, OCB has received increasing attention from academics and practitioners in further examining and analyzing this behavior and its impact on organizational behavior (Zhou, 2020). OCB dimensions, according

to (Krause, 2015), are a) Altruism, b) Conscientiousness, c) Sportsmanship, d) Courtesy, and e) Civic Virtue.

RESEARCH METHOD

In this research, the researcher used explanatory research, which used a quantitative approach. According to (Sugiyono, 2018), the explanatory research method is a research method that aims to explain the position of the variables studied and the influence between one variable and another (Hassan, 2019). Based on the explanatory research type, this type of research is associative research, which aims to determine the relationship between two or more variables through hypothesis testing.

In this study, the researcher tried to explaintherelationshipbetweenthevariables Gratitude (X1), Spiritual Intelligence (X2), OCB (X3), and Performance (Y). This research uses a descriptive research method that uses a quantitative approach, with a causal associative design to find and test the relationship between variables, namely Gratitude (X1), Spiritual Intelligence (X2), OCB (X3), and Performance (Y). The population in the study amounted to 99 respondents

RESULTS AND DISCUSSION

From the data processing that has been carried out, the results of the partial t-test are obtained as follows:

The calculated t value for the

Table	e 1.
Partial	t-test

		Unstandardized Coefficients		Standardized Coefficients		
Model	1	В	Std. Error	Std. Error Beta	t	Sig
1	(Constant)	11.378	3.465		3.284	.001
	Gratitude	.342	.128	.316	2.477	.002
	Kecerdasan Spiritual	.417	.133	.401	3.667	.001
	OCB	.483	.106	.351	2.889	.000

Gratitude variable (X1) is 2.477, so the calculated t value is more excellent than the t table value (2.477 > 1.984), and the significance value is 0.002, so it can be stated that the Gratitude variable (X1) partially influences performance. Furthermore, the calculated t value for the Spiritual Intelligence variable (X2) is 3.667, so the calculated t value is greater than the t table value (3.667 > 1.984), and the significance value is 0.001, so it can be stated that the Spiritual Intelligence variable (X2) partially influences performance. Then the calculated t value for the OCB variable (X3) is 2.889 so that the calculated t value is greater than the t table value (2.889 > 1.984), and the significance value is 0.000, so it can be stated that the OCB variable (X 3) partially influences performance.

Table 2.Simultaneous f test

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	ı	Sig
1	(Constant)	11.378	3.465		3.284	.001
	Gratitude	342	.128	.316	2.477	.00
	Kecerdasan Spiritual	.417	.133	.401	3.667	.001
	OCB	.483	.106	351	2.889	.00

Based on the data processing results in the table above, the calculated F value is 26.997 with a significance of 0.000. So F count > F table (26.997 > 2.696), it can be concluded that Ho is rejected and Ha is accepted, which means that the variables Gratitude (X1), Spiritual Intelligence (X2), and OCB (X3) jointly influence performance (Y).

Based on the analysis that has been carried out, the results show that partial Gratitude (X1) has a significant effect on performance, the calculated t value is more excellent than the t table value (2.477 > 1.984), and the significance value is 0.002, so it can be stated that the Gratitude variable (X1) is partially influence on performance. These results show that if each dimension and indicator of Gratitude is improved, it will positively influence lecturer performance (Israel-Cohen, 2015; Kong, 2017).

Furthermore, the Spiritual Intelligence variable (X2) partially has a significant effect on performance; the calculated t value for the Spiritual Intelligence variable (X2) is 3.667, so the calculated t value is greater than the t table value (3.667 > 1.984). The significance value is 0.001, so it can be stated that the Spiritual Intelligence variable (X2) partially influences performance (Converso, 2015; Jin, 2019). These results show that if each dimension and indicator of Spiritual Intelligence is improved, it will positively influence employee performance (Bono, 2020; Langer, 2016).

Then, the OCB variable (X3) partially also has a significant effect on performance; the calculated t value for the OCB variable (X3) is 2.889, so the calculated t value is greater than the t table value (2.889 > 1.984). The significance value is 0.000, so it can be stated that the OCB variable (X3) partially influences performance. These results show that if each dimension and indicator of OCB is improved, it will positively influence employee performance (Kong, 2021).

Gratitude always includes the presence of another party who provides something of value. The other party could be another person, God, or the universe. (Yu, 2018) shows the results of their research that gratitude can reduce negative emotions in individuals. Research (Gabbana, 2019) also stated that grateful people would quickly achieve happiness and peace and escape stressful life problems (complete stress). (Wolfe, 2017) also shows the results of a study that explains that gratitude can prevent someone from feeling depressed and pathological disorders. Gratitude is a trait, so individuals usually tend to remain stable in responding to conditions that give rise to negative emotions (Karns, 2017). They have substantial control over their environment, have good personal growth, set life goals, and have positive selfacceptance. Gratitude can also be a positive coping tool in facing difficulties, seeking social support, and interpreting experiences from different (Dunaev, 2018).

CONCLUSION

From the analysis carried out, it can be concluded as follows:

- 1. Gratitude has a partial effect on lecturer performance, the t-test results show that the calculated t value is greater than the t table (2, 477 > 1.984) and the significance value is 0.002.
- 2. Spiritual Intelligence partially influences lecturer performance, the t-test results show the calculated t value is greater than the t table (3,667 > 1.984) and the significance value is 0.001.
- 3. OCB has a partial effect on lecturer performance, the t-test results show the calculated t value is greater than the t table (2, 889 > 1.984) and the significance value is 0.000.

Gratitude, Spiritual Intelligence, and OCB together (simultaneously) influence lecturer performance, where the calculated f value is greater than the f table (26.997> 2.696).

REFERENCE

- Abdulwahid, K. S. (2021). Social Factor Effects on Linguistic Performance, Emotional and Spiritual Intelligence. International Journal of Islamic Educational Psychology, 2(1). https:// doi.org/10.18196/ijiep.v2i1.11851
- Ariza, J. M. R. (2018). Assessment of ICT skills of university lecturers: A case in Chile. Pixel-Bit, Revista de Medios y Educacion, 52, 55–65. https://doi. org/10.12795/pixelbit.2018.i52.04
- Baist, A., Pradja, B. P., Nopitasari,
 D., & Pamungkas, A. S. (2019).
 Optimalisasi Performa Mahasiswa
 Melalui Penggunaan Bahan Ajar
 Komputasi Matematika Berbantuan
 Software Mathematica. Jurnal
 Matematika Kreatif -Inovatif, 10(2),
 165–170.
- Barbosa, B. (2022). How do entrepreneurs perform digital marketing across the customer journey? A review and discussion of the main uses. Journal of Technology Transfer. https://doi. org/10.1007/s10961-022-09978-2
- Bono, G. (2019). Gratitude's role in adolescent antisocial and prosocial behavior: A 4-year longitudinal investigation. Journal of Positive Psychology, 14(2), 230–243. https:// doi.org/10.1080/17439760.2017.140 2078
- Bono, G. (2020). Stress and wellbeing in urban college students in the u.S. during the covid-19 pandemic: Can grit and gratitude help? International Journal of Wellbeing, 10(3), 39–57. https://doi.org/10.5502/ijw. v10i3.1331
- Boyle, A. (2015). Transformative Education and Sustainable Tourism: The Influence of a Lecturer's Worldview. Journal of Teaching in Travel and Tourism, 15(3), 252–263. https://doi. org/10.1080/15313220.2015.105930 3

- Brito-Henriques, E. (2018). Morphology of the perforated city: Spatial patterns of ruins and vacant land in Portuguese cities. Finisterra, 53(108), 111–133. https://doi.org/10.18055/Finis12160
- Büssing, A. (2018). Validation of the gratitude/awe questionnaire and its association with disposition of gratefulness. Religions, 9(4). https:// doi.org/10.3390/rel9040117
- Candela, C. (2018). Addressing CLIL lecturers' needs: Reflections on specific methodological training. Porta Linguarum, 2018, 121–135.
- Codjia, P. (2017). How to attract game? Fasting and performing magical songs in wampis hunting activities (Jivaro). Journal de La Societe Des Americanistes, 103(2), 81–109. https://doi.org/10.4000/jsa.15172
- Converso, D. (2015). Do positive relations with patients play a protective role for healthcare employees? Effects of patients' gratitude and support on nurses' burnout. Frontiers in Psychology, 6. https://doi. org/10.3389/fpsyg.2015.00470
- Cortini, M. (2019). Gratitude at work works! A mix-method study on different dimensions of gratitude, job satisfaction, and job performance. Sustainability (Switzerland), 11(14). https://doi.org/10.3390/su11143902
- Costouros, T. (2020). Jigsaw cooperative learning versus traditional lectures: Impact on student grades and learning experience. Teaching and Learning Inquiry, 8(1), 154– 172. https://doi.org/10.20343/ TEACHLEARNINQU.8.1.11
- Dewanti, S. S., Kartowagiran, B., Jailani, J., & Retnawati, H. (2020). LECTURERS' EXPERIENCE IN ASSESSING 21ST-CENTURY MATHEMATICS COMPETENCY IN INDONESIA. Problems of Education in the 21st Century,

78(4). https://doi.org/10.33225/ pec/20.78.500

- Dona, K. (2017). Lecture-recording technology in higher education: Exploring lecturer and student views across the disciplines. Australasian Journal of Educational Technology, 33(4), 122–133. https://doi. org/10.14742/ajet.3068
- Dunaev, J. (2018). An attitude of gratitude: The effects of body-focused gratitude on weight bias internalization and body image. Body Image, 25, 9–13. https://doi.org/10.1016/j. bodyim.2018.01.006
- Dusen, J. Van. (2015). Gratitude, depression and PTSD: Assessment of structural relationships. Psychiatry Research, 230(3), 867–870. https://doi. org/10.1016/j.psychres.2015.11.036
- Farr-Wharton, B. (2018). Why lecturers still matter: the impact of lecturerstudent exchange on student engagement and intention to leave university prematurely. Higher Education, 75(1), 167–185. https:// doi.org/10.1007/s10734-017-0190-5
- Fenton-Smith, B. (2017). Professional Development for EMI: Exploring Taiwanese Lecturers' Needs. Multilingual Education, 21, 195– 217. https://doi.org/10.1007/978-3-319-51976-0_11
- Gabana, N. (2019). Attitude of Gratitude: Exploring the Implementation of a Gratitude Intervention with College Athletes. Journal of Applied Sport Psychology, 31(3), 273–284. https:// doi.org/10.1080/10413200.2018.149 8956
- Ganieva, Y. N. (2015). Structure and content of higher professional school lecturer education competence. Review of European Studies, 7(4), 32–38. https://doi.org/10.5539/res. v7n4p32
- Goebl, W. (2001). Melody lead in piano

performance: Expressive device or artifact? Journal of the Acoustical Society of America, 110(1), 563–572. https://doi.org/10.1121/1.1376133

- Goltz, D. B. (2017). Comic performativities: Identity, internet outrage, and the aesthetics of communication. Comic Performativities: Identity, Internet Outrage, and the Aesthetics of Communication, 1–202. https://doi. org/10.4324/9781315181967
- Green, T. L. (2015). Lecturers' perspectives on how introductory economic courses address sustainability. International Journal of Sustainability in Higher Education, 16(1), 44–56. https://doi. org/10.1108/IJSHE-03-2013-0020
- Halberstadt, J. (2019). Learning sustainability entrepreneurship by doing: Providing a lectureroriented service learning framework. Sustainability (Switzerland), 11(5). https://doi.org/10.3390/su11051217
- Hallewell, M. J. (2017). Do pictures 'tell' a thousand words in lectures? How lecturers vocalise photographs in their presentations. Higher Education Research and Development, 36(6), 1166–1180. https://doi.org/10.1080/0 7294360.2017.1303454
- Harini, S. (2020). Analysis supply chain management factors of lecturer's turnover phenomenon. International Journal of Supply Chain Management, 9(1), 582–591.
- Hassan, L. (2019). How motivational feedback increases user's benefits and continued use: A study on gamification, quantified-self and social networking. International Journal of Information Management, 46, 151–162. https://doi. org/10.1016/j.ijinfomgt.2018.12.004
- Hei, M. S. A. De. (2015). Collaborative learning in higher education: lecturers' practices and beliefs. Research Papers in Education, 30(2),

232–247. https://doi.org/10.1080/02 671522.2014.908407

- Hernández-López, L. (2016). Students' perceptions of the lecturer's role in management education: Knowledge acquisition and competence development. International Journal of Management Education, 14(3), 411–421. https://doi.org/10.1016/j. ijme.2016.10.001
- Holmström, I. (2018). Deaf lecturers' translanguaging in a higher education setting. A multimodal multilingual perspective. Applied Linguistics Review, 9(1), 89–111. https://doi. org/10.1515/applirev-2017-0078
- Humaidi, N., Darmayanti, R., & Sugianto, R. (2022). Challenges of Muhammadiyah's contribution in handling Covid-19 in the MCCC program in Indonesia. Khazanah Sosial, 4(1), 176–186.
- Ismail, M. (2019). Lecturer's Apprentice: A Chatbot for Assisting Novice Programmers. Proceedings - 2019 International Multidisciplinary Information Technology and Engineering Conference, IMITEC 2019. https://doi.org/10.1109/ IMITEC45504.2019.9015857
- Israel-Cohen, Y. (2015). Gratitude and PTSD symptoms among Israeli youth exposed to missile attacks: examining the mediation of positive and negative affect and life satisfaction. Journal of Positive Psychology, 10(2), 99–106. https://doi.org/10.1080/17439760.20 14.927910
- Iwu, C. G. (2021). Entrepreneurship education, curriculum and lecturercompetency as antecedents of student entrepreneurial intention. International Journal of Management Education, 19(1). https://doi. org/10.1016/j.ijme.2019.03.007
- Jans-Beken, L. (2015). Measuring gratitude: A comparative validation of the Dutch

Gratitude Questionnaire (GQ6) and Short Gratitude, Resentment, and Appreciation Test (SGRAT). Psychologica Belgica, 55(1), 19–31. https://doi.org/10.5334/pb.bd

- Jin, G. (2019). The influence of gratitude on learning engagement among adolescents: The multiple mediating effects of teachers' emotional support and students' basic psychological needs. Journal of Adolescence, 77, 21–31. https://doi.org/10.1016/j. adolescence.2019.09.006
- Karbownik, M. S., Wiktorowska-Owczarek, A., Kowalczyk, Е., Kwarta, P., Mokros, L., & Pietras, T. (2016). Board game versus lecturebased seminar in the teaching of pharmacology of antimicrobial drugs-a randomized controlled trial. FEMS Microbiology Letters, 363(7). https://doi.org/10.1093/femsle/ fnw045
- Karjuni, A., Wajdi, F., & Pratiwi, C. Y. (2022). The Influence of leadership style and work discipline on employee performance-based Islamic work ethic. AMCA Journal of Religion http://journal.amca2012.org/index. php/ajrs/article/view/150
- Karns, C. M. (2017). The cultivation of pure altruism via gratitude: A functional MRI study of change with gratitude practice. Frontiers in Human Neuroscience, 11. https://doi. org/10.3389/fnhum.2017.00599
- Kaya, T. (2018). The tacit knowledge capacity of lecturers: A cross-country comparison. Electronic Journal of Knowledge Management, 16(2), 131–142.
- Kenny, D. (2015). Performance-related musculoskeletal pain, depression and music performance anxiety in professional orchestral musicians: A population study. Psychology of Music, 43(1), 43–60. https://doi.

org/10.1177/0305735613493953

- Kong, F. (2017). Evaluation of the gratitude questionnaire in a Chinese sample of adults: Factorial validity, criterionrelated validity, and measurement invariance across sex. Frontiers in Psychology, 8. https://doi. org/10.3389/fpsyg.2017.01498
- Kong, F. (2021). How Does Trait Gratitude Relate to Subjective Well-Being in Chinese Adolescents? The Mediating Role of Resilience and Social Support. Journal of Happiness Studies, 22(4), 1611–1622. https://doi.org/10.1007/ s10902-020-00286-w
- Krause, N. (2015). Benevolent Images of God, Gratitude, and Physical Health Status. Journal of Religion and Health, 54(4), 1503–1519. https:// doi.org/10.1007/s10943-015-0063-0
- Kumar, A. (2018). Undervaluing Gratitude: Expressers Misunderstand the Consequences of Showing Appreciation. Psychological Science, 29(9), 1423–1435. https://doi. org/10.1177/0956797618772506
- Langer, Á. (2016). Validation of a Spanish translation of the Gratitude Questionnaire (GQ-6) with a Chilean sample of adults and high schoolers. Health and Quality of Life Outcomes, 14(1). https://doi.org/10.1186/ s12955-016-0450-6
- Latipun, R Darmayanti, & A In'am. (2022). Designing Video-Assisted Scientific Learning in Mathematics Learning: Does it Have an Effect? AMCA Journal of Science and Technology, 2(2).
- Lauridsen, K. M. (2017). Professional development of international classroom lecturers. Integrating Content and Language in Higher Education: Perspectives on Professional Practice, 25–37. https:// doi.org/10.3726/978-3-653-07263-1
- Morgan, B. (2015). Educating gratitude:

Some conceptual and moral misgivings. Journal of Moral Education, 44(1), 97–111. https://doi.org/10.1080/03057240.2014.100246 1

- Mulligan, D., & Kirkpatrick, A. (2000). How much do they understand? Lectures, students and comprehension. Higher Education Research and Development, 19(3), 311–335. https://doi.org/10.1080/758484352
- O'Callaghan, F. V. (2017). The use of lecture recordings in higher education: A review of institutional, student, and lecturer issues. Education and Information Technologies, 22(1), 399–415. https://doi.org/10.1007/ s10639-015-9451-z
- O'Connell, B. H. (2016). Mediating effects of loneliness on the gratitude-health link. Personality and Individual Differences, 98, 179–183. https://doi. org/10.1016/j.paid.2016.04.042
- Oleksiyenko, A. (2019). Cambodian lecturers' pursuit of academic excellence: expectations vs. reality. Asia Pacific Journal of Education, 39(2), 222–236. https://doi.org/10.10 80/02188791.2019.1621797
- Pachler, D. (2019). How transformational lecturers promote students' engagement, creativity, and task performance: The mediating role of trust in lecturer and selfefficacy. Learning and Individual Differences, 69, 162–172. https://doi. org/10.1016/j.lindif.2018.12.004
- Riono, S. H., Rakhmawati, P. U., & Darmayanti, R. (2023). Karyawan Magang: Pendampingan dan Penyuluhan Pada Proses Pengembangan Perangkat Lunak. Jurnal Inovasi Dan Pengembangan Hasil Pengabdian Masyarakat, 1, 21–28.
- Sagsoz, O. (2017). Effectiveness of Jigsaw learning compared to lecture-

based learning in dental education. European Journal of Dental Education, 21(1), 28–32. https://doi. org/10.1111/eje.12174

- Sailer, M. (2021). Gamification of inclass activities in flipped classroom lectures. British Journal of Educational Technology, 52(1), 75–90. https://doi.org/10.1111/ bjet.12948
- Santoso, A. (2019). Factors influencing plagiarism by accounting lecturers. Accounting Education, 28(4), 401– 425. https://doi.org/10.1080/096392 84.2018.1523736
- Santoso, H. B. (2018). The development of a learning dashboard for lecturers: A case study on a student-centered e-learning environment. Journal of Educators Online, 15(1). https://doi. org/10.9743/JEO.2018.1.1
- Seifert, T. (2015). Pedagogical applications of smartphone integration in teaching: Lecturers, pre-service teachers and pupils' perspectives. International Journal of Mobile and Blended Learning, 7(2), 1–16. https://doi. org/10.4018/ijmbl.2015040101
- Shi, Y. s. (2022). Fostering vocabulary learning: mind mapping app enhances performances of EFL learners. Computer Assisted Language Learning. https://doi.org/10.1080/09 588221.2022.2052905
- Song, B., Peng, L., Fu, F., Liu, M., & Zhang, H. (2016). Experimental and theoretical analysis of sound absorption properties of finely perforated wooden panels. Materials, 9(11). https://doi.org/10.3390/ ma9110942
- Sorg, H. (2016). Postdoctoral lecturer thesis in medicine: academic competence or career booster? Chirurg, 87(6), 520–527. https://doi.org/10.1007/ s00104-015-0131-8

Sugianto, R., Darmayanti, R., &

Muhammad, I. (2023). Teacher Competence in The Preparation of Test and Non-Test Instruments. Journal of Teaching and Learning Mathematics, 1, 25–32.

- Sugiyono. (2018). Metode Penelitian Kuantitatif, Kualitatif, dan R&D. CV Alfabeta.
- Tarchella, S. (2021). Chinese jigsaw: Solving the equity market response to the COVID-19 crisis: Do alternative asset provide effective hedging performance? Research in International Business and Finance, 58. https://doi.org/10.1016/j. ribaf.2021.101499
- Vidyastuti, A. N., Darmayanti, R., & Sugianto, R. (2018). The Role of Teachers and Communication Information Technology (ICT) Media in the Implementation of Mathematics Learning in the Digital Age. Al-Jabar: Jurnal Pendidikan Matematika, 9(2), 221–230.
- Vitarani, A., Pujiastuti, P., & Sudigdo, A. (2021). In the Covid-19 Pandemic, How Well did Zoom Cloud Meeting and Quizizz Media Perform? AL-ISHLAH: Jurnal Pendidikan, 13(3). https://doi.org/10.35445/alishlah. v13i3.663
- Wali, A. Z. (2020). The use of smartphones as an educational tool in the classroom: Lecturers' perceptions. International Journal of Emerging Technologies in Learning, 15(16), 238–247. https://doi.org/10.3991/ ijet.v15i16.14179
- Wei, W. (2020). Written Corrective Feedback Strategies Employed by University English Lecturers: A Teacher Cognition Perspective. SAGE Open, 10(3). https://doi. org/10.1177/2158244020934886
- Widodo, T., Muhammad, I., Darmayanti,R., Nursaid, N., & Amany, D. A.L. (2023). Manajemen keuangan

- pendidikan berbasis digital: Sebuah kajian pustaka. Indonesian Journal of Educational Management and Leadership, 1(2), 146–167.
- Williams, K. L., & Davis, S. C. (2021). Math challenges, strengths, and achievement: Toward a theory of strain-induced performancemisalignment perception for racially marginalized students. Journal of Women and Minorities Engineering, in Science and 27(4). https://doi.org/10.1615/