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Big Five Personality Traits Among Lecturers and Job Satisfaction: A Case Study of Private Universities in Bogor City

Tutus Rully1*, Anoesyirwan1, Hari Muharram1

¹Universitas Pakuan, Pakuan, Bogor City, 16129, INDONESIA

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Abstract: Personality is a unique psychological aspect possessed by each individual and describes how the individual communicates with his environment. In the context of this research, we will focus on the five main dimensions of personality that are often considered, namely extraversion, agreeableness, conscientiousness, emotional stability, and openness to experience. Understanding how these big five personality dimensions can influence lecturer job satisfaction can provide valuable insights for the management and development of human resources in higher education. This research uses a descriptive verification type, where analytical testing is obtained through a representation of the characteristics of several research variables. Thus, the main aim of this research is to explore more deeply the relationship between personality and job satisfaction of lecturers in higher education with SEM-Lisrel 8.8.

Keywords: Big five personality, job satisfaction

1. Introduction

Higher education institutions are a crucial support and play a vital role in promoting sustainability (Žalėnienė, 2021). Specifically, the contribution of lecturers within higher education institutions greatly influences the excellence of both education and research (Budiharso, 2020). The job satisfaction of lecturers is a critical factor in ensuring that they can make a maximum contribution to achieving higher education goals (Subarto, 2021). Therefore, understanding various factors that influence faculty job satisfaction, including individual personality characteristics, becomes highly crucial (Mugira, 2022).

Personality is a unique psychological aspect possessed by each individual and describes how the individual communicates with his environment (Wahyuningsih, 2020). In the context of this research, we will focus on the five main dimensions of personality that are often considered, namely extraversion, agreeableness, conscientiousness, emotional stability, and openness to experience (Ernst-Linke, 2023). Understanding how these five personality dimensions can influence lecturer job satisfaction can provide valuable insights for the management and development of human resources in higher education (Faher, 2021).

Research on the influence of personality on job satisfaction has become an increasingly popular topic in psychology and management literature. Job satisfaction is a positive feeling related to one's job and is an important indicator of the quality of work life (Suryani, 2021). Lecturers who are satisfied with their work tend to be more motivated, productive, and contribute better to achieving higher education goals (Pramono, 2020). Therefore, a better understanding of the factors that influence lecturers' job satisfaction can help universities develop strategies to improve the quality of their education and research (Nurtjahjani, 2022).

^{*}Corresponding Author

In addition, it is also important to understand that lecturers in higher education often have unique job demands. They are not only responsible for providing quality teaching, but are also involved in research, student development, and academic administration. Therefore, the dynamics of lecturers' work can be very complex and varied (Fakhruddin, 2020). In this context, individual personality characteristics can be a very important factor in determining the extent to which lecturers feel satisfied in carrying out their work (Eremie, 2022).

Apart from individual impacts, lecturer job satisfaction also has far-reaching consequences. Satisfied lecturers are more likely to stay in their jobs and make greater contributions to the development of educational institutions (Murtza, 2020). They can also serve as positive role models for students, inspiring them to pursue academic careers or contribute to various fields of knowledge (Szromek, 2020). Therefore, a deep understanding of the factors that influence lecturer job satisfaction can have a positive impact on various aspects of the higher education environment.

Previous research has identified a relationship between personality and job satisfaction in a variety of work contexts (Mehrad, 2020). However, research that focuses on lecturers in higher education is still limited. College is a special environment with unique demands, expectations, and dynamics. Therefore, more in-depth research is needed to understand how these five personality dimensions can influence lecturer job satisfaction in this context, namely the Big 5 Personalities (West Java, 2022).

Thus, the main aim of this research is to explore more deeply the relationship between personality and job satisfaction of lecturers in higher education. Researchers have collected data from lecturers working at various universities to identify unique patterns in the relationship between Personality and Job Satisfaction. It is hoped that the results of this research will provide valuable insights for higher education institutions in managing their human resources, increasing lecturer job satisfaction, and thereby, improving the overall quality of higher education. In addition, this research can also provide a basis for further research in this area and can help develop strategies.

2. Method

The population of this research is permanent lecturers at private universities in Bogor, namely Pakuan University, Ibn Khaldun University, Djuanda University and Nusa Bangsa University, totaling 718 people. Lecturers who are the target population include permanent lecturers who have the functional positions of Head Lector, Lector and Expert Assistant, totaling 647 people.

Table 1 - Number of permanent lecturers based on functional position at four universities in Bogor

| No | College | Number of Permanent Lecturers | Associate Professor | Lector | Expert Assistant |
|----|------------------------|-------------------------------------|------------------------|--------|---------------------|
| 1 | Pakuan University | 257 | 25 | 118 | 114 |
| 2 | Ibn Khaldun University | 195 | 17 | 115 | 63 |
| 3 | Juanda University | 149 | 9 | 73 | 67 |
| 4 | Nusa Bangsa University | 46 | 7 | 19 | 20 |
| | Amount | 647 | 58 | 325 | 264 |

Source:https://pddikti.kemdikbud.go.id/data pt, 2021

This research uses a descriptive verification type, where analytical testing is obtained through a representation of the characteristics of several research variables. The approach taken is an explanatory survey where the influence between variables is explained through hypothesis testing. The object of the research carried out is compensation for job satisfaction.

The sampling method used in this research is the probability sampling method, according to which all members of the population have the same opportunity to be selected as the sample. The sampling technique uses a proportional cluster sampling technique for each university. The Slovin formula was used to determine the number of samples with a significance level (error level) of 5% or 0.05, so that the total sample from this study was 233 people.

The data collection method used in this research is categorized based on 2 data sources, namely primary data and secondary data. Primary data was obtained using a survey method using questionnaire techniques in the form of ordinal data. The questionnaire is tested using validity and reliability tests, which measure the extent to which the measurement instrument can actually calibrate and the extent to which the instrument provides consistent measurements. The data verification analysis technique used to test the hypothesis is the SEM method with the Lisrel 8.8 application.

3. Result and Discussion

3.1 Analysis of Research Description

Analysis of the description of the data resulting from this research is in the form of verification descriptive data. Descriptive verification itself is data analysis that explains the characteristics of research variables, tests, and analyzes research data. Data were analyzed using Structural Equation Modeling (SEM) with the Lisrel 8.8 application, where assessment of the measurement results was first carried out on each latent variable through confirmatory factor analysis by testing validity and reliability.

The respondents of this research are permanent lecturers at private universities in Bogor, namely Pakuan University, Djuanda University, Ibn Khaldun University, Nusa Bangsa University who have the functional positions of Associate Professor, Lector and Expert Assistant. The total number reached 233 people grouped according to 3 categories. The first category is based on gender, namely 93 (39.9%) men and 140 (60.1%) women. The second category is based on tenure of less than five years as many as 42 people (18%), five to ten years as many as 83 (35%) people, and more than ten years as many as 108 (46%) people. Finally, categories based on functional positions, namely 25 (10.7%) Head Lectors, 105 (45.1%) Lectors, and 103 (44.2%) Expert Assistants.

Next, the following is a description of the job satisfaction variable data. Based on the research results, the scores obtained are as follows:

Table 2 - Descriptive statistics lecturer job satisfaction variable (Y)

| No | Description | Score |
|----|--------------------|--------|
| 1 | Mean | 108.02 |
| 2 | Standard Error | 0.82 |
| 3 | Median | 113 |
| 4 | Mode | 100 |
| 5 | Standard Deviation | 12.49 |
| 6 | Sample Variance | 155.97 |
| 7 | Kurtosis | 0.82 |
| 8 | Skewness | 0.56 |
| 9 | Range | 76 |
| 10 | Minimum | 75 |
| 11 | Maximum | 151 |
| 12 | Sum | 25,169 |
| 13 | Count | 233 |

Source: Secondary data, 2022

Then, the following is a description of the personality variable data. Based on the research results, the scores obtained are as follows:

Table 3 - Descriptive statistics personality variable (X)

| No | Description | Score |
|----|--------------------|--------|
| 1 | Mean | 138.14 |
| 2 | Standard Error | 0.75 |
| 3 | Median | 136 |
| 4 | Mode | 130 |
| 5 | Standard Deviation | 11.48 |
| 6 | Sample Variance | 131.83 |
| 7 | Kurtosis | 0.78 |
| 8 | Skewness | 0.85 |
| 9 | Range | 68 |
| 10 | Minimum | 102 |
| 11 | Maximum | 170 |
| 12 | Sum | 32,187 |
| 13 | Count | 233 |
| | | |

Source: Secondary data, 2022

3.2 Assessment of Research Result Using SEM

The following analysis uses the Structural Equation Modeling (SEM) method. SEM forms two types of models, namely measurement models and structural models. The measurement model aims to describe how well each indicator can be used as an instrument for measuring latent variables through testing the validity and reliability of the indicators and dimensions of the research variables. A structural model is a model where the goodness of fit for the inner model can be proven by testing the influence of each exogenous latent variable on the endogenous latent variable.

Table 4 - Cut-off guidelines for interpreting the results of measurement model and structural model testing

| Test Type | | Criteria | Cut Off | Description |
|-----------|--------------------------|-----------------------------------|-------------|-------------------|
| | | Score | | |
| Me | asurement model analysis | | | |
| 1 | Validity test | Standardized Factor Loading (SLF) | ≥ 0.50 | Valid |
| | | t-value | ≥ 1.64 | Valid/significant |
| 2 | Good-Ness of Fit Test | p-value of x2 | ≥ 0.05 | Good fit |
| | | RMSEA | ≥ 0.08 | Good fit |
| | | NFI | ≥ 0.90 | Good fit |
| | | NNFI | ≥ 0.90 | Good fit |
| | | RFI | ≥ 0.90 | Good fit |
| | | CFI | ≥ 0.90 | Good fit |
| | | IFI | ≥ 0.90 | Good fit |
| | | StandardizedRMR | ≥ 0.05 | Good fit |
| | | GFI | ≥ 0.90 | Good fit |
| 3 | Reliability Test | Construct Reliability (CR) | ≥ 0.70 | Good reliability |
| | | Variance Extracted (VE) | ≥ 0.50 | Good reliability |
| Str | uctural model analysis | | | |
| 1 | Validity test | Standardized Factor Loading | ≥ 0.50 | Valid |
| | | (SLF) | | |
| | | t-value | ≥ 1.64 | Valid/significant |
| 2 | Good-Ness of Fit Test | p-value of x2 | \geq 0.05 | Good fit |
| | | RMSEA | ≥ 0.08 | Good fit |
| | | NFI | \geq 0.90 | Good fit |
| | | NNFI | ≥ 0.90 | Good fit |
| | | RFI | ≥ 0.90 | Good fit |
| | | CFI | ≥ 0.90 | Good fit |
| | | IFI | ≥ 0.90 | Good fit |
| | | StandardizedRMR | ≥ 0.05 | Good fit |
| | | GFI | ≥ 0.90 | Good fit |

Source: Secondary Data, 2022

3.3 Confirmatory Factor Analysis (CFA) of Job Satisfaction (Y)

The confirmatory factor analysis test for the compensation variable aims to show the relationship between observed variables as indicators of latent variables with the following results:

Table 5 - Indicator validity test of lecturer job satisfaction in SEM model

| Va | riables | Loading (λ) | t-Statistics | Description |
|----|---------|-------------|--------------|---------------------|
| JS | SL | 0.13 | 1.76 | Valid & significant |
| | PR | 0.99 | 7.84 | Valid & significant |
| | CW | 0.40 | 4.09 | Valid & significant |
| | O.C | 0.75 | 6.99 | Valid & significant |

Desc: if t-statistics > t-value, then the result is valid & significant

Source: Primary data using Lisrel 8.8, 2022

Description:

JS : Job Satisfaction

SL : Salary
PR : Promotion
CW : Coworkers
O.C : Occupation

Based on table 5, the loading value obtained from the relationship between the SL, PR, CW and OC indicator variables with the lecturer job satisfaction construct shows that the extraction value is greater than 0.5 (Loading(λ) > 0.5). Then, the t-statistics value obtained produces a value above the t-value (t-statistics > 1.64). This shows that all indicators can be said to be significant for measuring the construct of the job satisfaction variable.

3.4 Confirmatory Factor Analysis (CFA) of Personality (X)

The confirmatory factor analysis test of the Compensation variable aims to demonstrate the relationship between observed variables as indicators of latent variables with the following results:

Table 6 - Indicator validity test of personality in SEM model

| | Variables | Loading (λ) | t-Statistics | Description |
|-----|-----------|-------------|--------------|---------------------|
| PER | EXTRA | 0.96 | 11.37 | Valid & significant |
| | AGREE | 0.95 | 12.94 | Valid & significant |
| | CONS | 0.94 | 14,19 | Valid & significant |
| | EMOTION | 0.87 | 11.97 | Valid & significant |
| | OPENE | 0.89 | 11.48 | Valid & significant |

Desc: if t-statistics \geq t-value, then the result is valid & significant

Source: Primary data using Lisrel 8.8, 2022

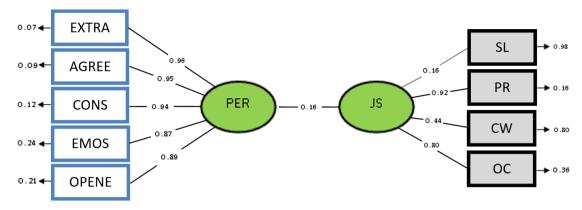
Description:

PER : Personality
EXTRA : Extroversion
AGREE : Agreeableness
CONS : Conscientious
EMOTION : Emotional Stability
OPENE : Openness to Experience

It can be concluded that the loading value of the personality indicator variables EXTRA, AGREE, CONS, EMOS, OPENE with the personality construct (X1) each has a t-statistic value > 1.64. Thus, all indicators can be said to be valid for measuring personality. Furthermore, the loading value shows the extraction number is greater than 0.5 (Loading(λ) > 0.5). Thus, all the indicators above can be said to be valid for measuring the construct of compensation variables.

3.5 Structural Model Analysis

The results of processing compensation variables and job satisfaction variables create a structural model that is in accordance with the research framework. Figure 1 below shows the overall model path diagram. However, it is necessary to review whether the goodness of fit of the resulting model meets the criteria or not.

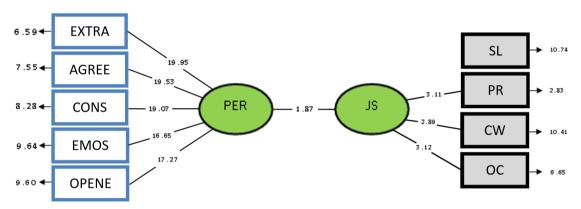


Chi-Square=191.03, df=79, P-value=0.00000, RMSEA=0.078

Fig. 1 - Overall model path

Source: Data processed by researchers using SEM, 2022

Next, figure 2 below shows the t-value of the overall model path:



Chi-Square=191.03 , df=79 , P-value=0.00000 , RMSEA=0.078

Fig. 2 - Overall model path t-value output Source: Data processed by research using SEM, 2022

3.6 Model Hypothesis Test

The following are the results of testing the compensation hypothesis on job satisfaction:

Table 7 - Hypothesis test results

| Relations | Direct Fluence | Standard Error | t-table | Decision |
|-----------------|----------------|----------------|---------|----------|
| PER ✓ JS | 0.38 | 0.140 | 2.63 | Accepted |

Source: Primary data from Lisrel 8.8

Based on table 6 above, it can be seen that the t-table hypothesis results of 2.63 is greater in value than the t-value which is 1.64 (table 3). This shows that the hypothesis can be accepted because there is a significant influence between personality (PER) and job satisfaction (JS) with a direct and positive influence of 0.38. The results of hypothesis testing state that there is a positive and significant influence of compensation on job satisfaction of private university lecturers in Bogor.

3.7 Statistical Hypothesis Test

Based on the hypothesis, personality has a direct effect on job satisfaction. The statistical hypothesis regarding the influence between these two variables is:

 $H0: \square \leq 0$ There is no direct influence of Personality on job satisfaction

H1: $\square > 0$ There is a direct influence of Personality on job satisfaction

The structural equation of the influence of these variables is:

```
\begin{split} &\acute{\eta} = 0.16 \; \xi + \zeta \\ &1.87 \\ &Information: \\ &\xi = Personality \\ &\acute{\eta} = Job \; satisfaction \\ &\zeta = Other \; influences \; outside \; the \; model \end{split}
```

The positive γ coefficient value of 0.16 indicates that personality has a positive impact on Job Satisfaction ($\acute{\eta}$). This shows that every time there is an effort to improve Personality it will automatically increase the Job Satisfaction value by 0.16. Furthermore, the results of data analysis show that the t-table value > t-value or 1.87 > 1.64 in the significance test carried out using the t test, at the level $\grave{\alpha}=10\%$. Thus, the null hypothesis (H0) is rejected, and the alternative hypothesis (H1) is accepted, which means there is empirical evidence that personality has a direct effect on job satisfaction. These findings show that improving the personality of permanent lecturers will have an impact on increasing job satisfaction.

4. Discussion

Based on testing the first hypothesis, it states that there is a significant influence of personality on satisfaction in the dimensions of extraversion, agreeableness, conscientiousness, emotional stability, openness to experience. A lecturer's personality can have a positive and significant direct influence on lecturer job satisfaction. A lecturer's personality involves various individual characteristics, including aspects such as attitudes, behavior, motivation, emotions, and interactions with other people.

The most dominant dimension is Extraversion with a loading factor of 0.96. This shows that respondents have a tendency to like very good social interactions, easily get along with anyone so they easily collaborate with other individuals. The personality of a lecturer who is sociable, enthusiastic and assertive can have a positive impact on lecturer job satisfaction. Here are several reasons why this can affect lecturer job satisfaction:

Good communication: A sociable lecturer has good communication skills with students, colleagues and administrative staff. They can easily interact and communicate with various parties involved in the university work environment. This helps create a harmonious and collaborative work environment, where lecturers feel valued and heard, being noticed for their contributions, this can increase their job satisfaction and motivation to continue to excel.

Overall, a lecturer's sociable, enthusiastic and assertive personality can create a positive and productive work environment (Žnidaršič, 2020). Lecturers will feel more satisfied with their work when they can interact well, feel motivated, and have clear expectations.

High motivation: Lecturers who are enthusiastic tend to have high motivation towards their work. They will push themselves and others to achieve the best results. This high motivation will spread to students and inspire them to study better. Apart from that, lecturer enthusiasm can also influence the atmosphere in the work environment, creating positive energy and collective motivation among fellow lecturers.

Firmness in making decisions: A lecturer who is firm in making decisions can provide clear directions to students and colleagues. They can set clear standards and ensure discipline in carrying out tasks. This decisiveness helps create an organized and efficient work environment, where everyone knows what is expected of them. This also helps prevent conflicts or confusion regarding duties and responsibilities.

From the results of research related to this personality dimension, there is a score on the emotional stability dimension with a loading factor of 0.87, where those who answer are dominated by non-senior ages, so their emotions tend to be more unstable compared to senior lecturers. Lecturers' unstable emotions can affect their performance and interactions in the academic environment. Emotions that are less stable can cause various problems, such as difficulty in managing stress, drastic mood changes, or disproportionate emotional reactions to certain situations.

Understanding and Experience: A lecturer who has experience and deep understanding in his field will feel more confident and calmer in making decisions and follow his heart. Extensive teaching and research experience can provide strong insight into what is most appropriate to do in certain situations, then Professionalism: Lecturers who have developed a mature professional personality can be better able to control emotions and make decisions based on rational and objective considerations. They may also have the ability to face academic pressure and challenges calmly, but if on the contrary it will cause unease in the lecturer, this must be improved further, the effort that must be made is to increase self-confidence by increasing Self-Confidence: A lecturer who has those with good self-confidence may be better able to make decisions based on their gut intuition (Central, 2022). Strong self-confidence can give them the confidence to rely on their instincts and knowledge to face challenges. This shows that the respondent can easily collaborate and has high courage/firmness and is always enthusiastic in carrying out every job. And this must be maintained. Indicators that influence this include having high enthusiasm, being sociable, easy to get along with/interacting with and being firm.

This is in line with research conducted by Onogwu (2023) and Murtza (2020) that a proactive personality is an attitude that tends to be optimistic, takes the initiative, dares to act and is persistent. These findings are supported by

research conducted by Agustina (2022), that there is a positive and significant influence between Job Satisfaction and Personality with a t-statistics value of 11.57 (more than 1.96) and a p-Value of 0.000 (less than 0.05).

5. Conclusion and Suggestion

Personality is proven to have a direct and significant influence on the job satisfaction of private university lecturers in Bogor. This personality influence is measured in 5 dimensions. There is a direct and significant influence of personality on job satisfaction based on the results of hypothesis testing with a path coefficient value of 0.16 and P-Values of 0.000 < 0.05 and with a T-Statistics value of 1.87 > 1.64 so it is predicted that personality strengthening can increase job satisfaction. The most dominant dimension in the personality variable is the Extraversion dimension with a loading factor of 0.96. This shows that lecturers have a tendency to like very good social interactions, easily get along with anyone so they easily collaborate with other individuals. To increase lecturers' job satisfaction, efforts can be made to increase work morale, improve sociability, and increase assertiveness.

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References

- Agustina, Ririn Handayani, & Helwen Heri. (2022). Mediation of Job Satisfaction on the Effect of The Big Five Personalities on Employee Performance. Organization Science 1(2). https://doi.org/10.55356/so.v1i2.15
- Budiharso, T., & Bulent Tarman. (2020). Improving Quality Education through Better Working Conditions of Academic Institutes. Journal of Ethnic and Cultural Studies, 7(1), pp.99–115. https://www.jstor.org/stable/48710249
- Eremie, Maxwell & A. Opuda. (2022). Personality Traits and Job Satisfaction among Teachers in Rivers State Secondary schools. International Journal of Social Science and Management Studies, 1(1). https://www.rajournals.net/index.php/ijssms/article/view/50
- Ernst-Linke, Felicitas, Sören Enge, Leonard Viohl, Moritz B. Petzold & Felix Betzler (2023) High five! the big 5 personality traits, locus of control, and impulsivity and their relationship to substance use in a large cohort of university students in Berlin, Addiction Research & Theory, 31:2, 84-91. https://doi.org/10.1080/16066359.2022.2114075
- Faher, Anita & Philip A. Vernon. (2021). Looking beyond the Big Five: A selective review of alternatives to the Big Five model of personality. Personality and Individual Differences, 169.https://doi.org/10.1016/j.paid.2020.110002
- Fakhruddin, Fuad, Zainal Ilmi, & Gusti Noorlitaria Achmad. (2020). The Influence of Personality and Organizational Commitment and Work Engagement to Employee Satisfaction and Employee Performance DPRD Samarinda City. International Journal of Economics, Business and Accounting Research (IJEBAR), 4(2). http://dx.doi.org/10.29040/ijebar.v4i02.1049
- Jabbar, Muhammad Naveed, Irfana Rasul, & Muhammad Nadeem. (2022). Big-5 Personality Traits Of Leadership And Job Performance: Investigating The Mediating Role Of Work Engagement Among University Lecturers. Webology 19(1). https://www.webology.org/abstract.php?id=1946
- Mehrad, Aida. (2020). Personality Factors and Job Satisfaction: Evaluating The Mediatory Role of Emotional Intelligence. Journal of Education, Teaching, and Learning 5. http://dx.doi.org/10.26737/jetl.v5i2.1799
- Mugira, A. (2022). Leadership Perspective Employee Satisfaction Analysis. ACADEMIC: Humanist Student Journal, 2(3), 127–135. https://doi.org/10.37481/jmh.v2i3.477
- Murtza, Muhammad Hamid, Shahzad Ali Gill, Hassan Danial Aslam, Amna Noor. (2020). Intelligence quotient, job satisfaction, and job performance: The moderating role of personality type. Journal of Public Affairs, (), -. https://doi.org/10.1002/pa.2318
- Nurtjahjani, Fullchis & Ayu Fury Puspita. (2022). Job Satisfaction in Higher Education (Study at Universities in Indonesia). Proceedings of the International Conference on Applied Science and Technology on Social Science 2021 (iCAST-SS 2021). https://doi.org/10.2991/assehr.k.220301.072
- Onogwu, Daniel & Roseline Emenike. (2023). Personality Traits, Job Satisfaction, and Employee Performance: The Role of Human Resources Managers. Business Management and Entrepreneurship Academic Journal 5(6). https://www.researchgate.net/publication/371499881
- Pramono, Suwito Eko, Heri Yanto, & Inaya Sari Melati. (2020). Job Stress and Job Satisfaction Among Indonesian Lecturers: How Information Technology Systems May Define Them in the Era of Industrial Revolution 4.0. Proceedings of the International Conference on Educational Research and Innovation (ICERI 2019). https://doi.org/10.2991/assehr.k.200204.052

- Subarto, Dede Solihin, & Derita Qurbani. (2021). Determinants of Job Satisfaction and Its Implications for the Lecturers' Performance. Journal of Economics and Business Education (JPEB), 9(2), 163-178. https://doi.org/10.21009/JPEB.009.2.7
- Suryani, N. Lilis, Aida Vitalaya Syafri Hubeis, & Widodo Sunaryo. (2021). Increasing Commitment To The Profession Through Organizational Climate, Personality, And Job Satisfaction Of Private Higher Lecturers In The City Of South Tangerang. International Journal of Educational Research and Social Sciences (IJERSC), 2(6), 1468–1475. https://doi.org/10.51601/ijersc.v2i6.224
- Szromek, Adam R. & Radoslaw Wolniak. (2020). Job Satisfaction and Problems among Academic Staff in Higher Education. Sustainability 2020 12(12), 4865. https://doi.org/10.3390/su12124865
- Middle, Alawiyah. (2022). The Influence of Big Five Personalities on Lecturer's Performance in Private University, Malaysia. Journal of Management and Muamalah 12(2), 80-101. http://jmm.kuis.edu.my/index.php/jurnal/article/view/136
- Wahyuingsih, Juliana & Zaenal Abidin. (2020). Improved Engagement with Personality, Self-Efficacy, and Job Satisfaction Development. TEST: Engineering & Management, 83, 23461 23472.
- Zalėnienė, Inga, & Paulo Pereira. (2021). Higher Education For Sustainability: A Global Perspective. Science Direct: Geography and Sustainability, 2(2), 99-106. https://doi.org/10.1016/j.geosus.2021.05.001
- Žnidaršič, Jasmina & Marič, Miha. (2021). Relationships between Work-Family Balance, Job Satisfaction, Life Satisfaction and Work Engagement among Higher Education Lecturers. Organization 54(3), 227-237. https://doi.org/10.2478/orga-2021-0015