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The effectiveness integration of PLS-SEM-web application to assess career decision self-efficacy, entrepreneurial self-efficacy and career future perspective time

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The objective of this study is to predict of Career Decision Self Efficacy (CDSE) based on confirmatory of its factors among Universitas Andalas's students. It also aimed to examine the relationship between Entrepreneurial Self Efficacy (ESE) and Career Future Perspective Time (CFPT) toward CDSE. Across-sectional survey was conducted targeting students at Indonesian universities. Using a pilot sample of 130 students, the authors developed their hypotheses and then input as database for web application creation for measurement. Based on a sample of 310 students, the hypotheses were tested using structural equation modeling (SEM). The author uses SEM analysis to calculate the weight of the relationship between variables, thus further strengthening this research than the previous one. The findings revealed that CDSE in the Indonesian context was consisting of the five factors: self-appraisal, job information, goal selection, planning, and problem solving. Moreover, the findings supported hypotheses. Given the imperative need for universities to monitor and improve the entrepreneurial spirit among business students,this study can help business students to understand better regarding the business attitude they need to maintain, which can help them to improve proactive personality and formulate effective business strategies in the future.

REFERENCES

1. M. Tarigan and S. Wimbarti, "Career Planning Program to Increase Career Search Self Efficacy in Fresh Graduates," *J. High. Educ. Theory Pract.*, vol. 11, no. 4, pp. 75–87, 2011.
Google Scholar

2. S. Rummel, J. Akkermans, R. Blokker, and M. Van Gelderen, "Shocks and entrepreneurship: a study of career shocks among newly graduated entrepreneurs," *Career Dev. Int.*, 2019, doi: https://doi.org/10.1108/CDI-11-2018-0296.
Google Scholar

3. I. G. So, A. Ridwan, H. Bachtiar, and R. Aryanto, "Confirming Entrepreneurial Orientation Dimensions and Linking It With Entrepreneurial Intention Among Business Students in Indonesia," *Int. J. Econ. Manag.*, vol. 11, no. 2, pp. 277–299, 2017.
Google Scholar

4. N. Vilcov and M. Dimitrescu, "International Conference EDUCATION AND PSYCHOLOGY CHALLENGES - TEACHERS Management of Entrepreneurship Education : a Challenge for a Performant Educational System in Romania," *Procedia - Soc. Behav. Sci.*, vol. 203, pp. 173–179, 2015, doi: https://doi.org/10.1016/j.sbspro.2015.08.278.
Google Scholar Crossref

5. I. J. Park, J. Rie, H. S. Kim, and J. Park, "Effects of a Future Time Perspective–Based Career Intervention on Career Decisions," *J. Career Dev.*, vol. 47, no. 1, pp. 96–110, 2020, doi: https://doi.org/10.1177/0894845318781043.
Google Scholar Crossref

6. I. J. Park, K. Han, and K. Ryu, "Development and Validation of a Career Future Time Perspective Scale," *J. Career Dev.*, no. June, 2019, doi: https://doi.org/10.1177/0894845319887810.
Google Scholar

7. D. E. Froehlich, S. A. J. Beausaert, and M. S. R. Segers, "Great Expectations: The Relationship Between Future Time Perspective, Learning from Others, and Employability," *Vocat. Learn.*, vol. 8, no. 2, pp. 213–227, 2015, doi: https://doi.org/10.1007/s12186-015-9131-6.
Google Scholar Crossref

8. A. Newman, M. Obschonka, S. Schwarz, M. Cohen, and I. Nielsen, "Entrepreneurial self-e ffi cacy : A systematic review of the literature on its theoretical foundations, measurement, antecedents, and outcomes, and an agenda for future research," *J. Vocat. Behav.*, vol. 110, no. October 2017, pp. 403–419, 2019, doi: https://doi.org/10.1016/j.jvb.2018.05.012.
Google Scholar Crossref

9. M. A. Uy, K. Y. Chan, Y. L. Sam, M. ho R. Ho, and O. S. Chernyshenko, "Proactivity, adaptability and boundaryless career attitudes: The mediating role of entrepreneurial alertness," *J. Vocat. Behav.*, vol. 86, pp. 115–123, 2015, doi: https://doi.org/10.1016/j.jvb.2014.11.005.
Google Scholar Crossref

10. N. A. Mozahem and R. O. Adlouni, "The International Journal of Management Education Using Entrepreneurial Self-Efficacy as an Indirect Measure of Entrepreneurial Education," *Int. J. Manag. Educ.*, vol. 19, no. 1, p. 100385, 2021, doi: https://doi.org/10.1016/j.ijme.2020.100385.
Google Scholar Crossref

11. T. Rahayuningsih et al, "The Effectiveness of Islamic Work Value on Medical Career Planning Web Application for Analysis Anticipated Work-Family Conflict," *Int. J. Eng. Technol.*, vol. 7, no. 4.7, p. 435, 2018, doi: https://doi.org/10.14419/ijet.v7i4.7.27354.
Google Scholar Crossref

12. C. T. (Simon) Tsai, H. Hsu, and C. C. Yang, "Career decision self efficacy plays a crucial role in hospitality undergraduates' internship efficacy and career preparation," *J. Hosp. Leis. Sport Tour. Educ.*, vol. 21, no. March, pp. 61–68, 2017, doi: https://doi.org/10.1016/j.jhlste.2017.08.002.
Google Scholar Crossref

13. N. E. Betz, K. L. Klein, and K. M. Taylor, "*Journal of*," 1996, doi: https://doi.org/10.1177/106907279600400103.
Google Scholar

14. R. D. Duffy and R. W. Lent, "Test of a social cognitive model of work satisfaction in teachers," *J. Vocat. Behav.*, vol. 75, no. 2, pp. 212–223, 2009, doi: https://doi.org/10.1016/j.jvb.2009.06.001.
Google Scholar Crossref

15. G. Makransky, M. E. Rogers, and P. A. Creed, "Analysis of the Construct Validity and Measurement Invariance of the Career Decision Self-Efficacy Scale: A Rasch Model Approach," *J. Career Assess.*, vol. 23, no. 4, pp. 645–660, 2015, doi: https://doi.org/10.1177/1069072714553555.
Google Scholar Crossref

16. N. E. Betz and K. K. Voyten, "Efficacy and Outcome Expectations Influence Career Exploration and Decidedness," *Career Dev. Q.*, vol. 46, no. 2, pp. 179–189, 1997, doi: https://doi.org/10.1002/j.2161-0045.1997.tb01004.x.
Google Scholar Crossref

17. H. Xu and T. J. G. Tracey, "Career Decision Ambiguity Tolerance Scale : Construction and initial validations *," *J. Vocat. Behav.*, vol. 88, pp. 1–9, 2015, doi: https://doi.org/10.1016/j.jvb.2015.01.006.
Google Scholar Crossref

18. T. L. Walker and T. J. G. Tracey, "The role of future time perspective in career decision-making," *J. Vocat. Behav.*, vol. 81, no. 2, pp. 150–158, 2012, doi: https://doi.org/10.1016/j.jvb.2012.06.002.
Google Scholar Crossref

19. Y. Jia, Z. J. Hou, H. Zhang, and Y. Xiao, "Future Time Perspective, Career Adaptability, Anxiety, and Career Decision-Making Difficulty: Exploring Mediations and Moderations," *J. Career Dev.*, no. October, 2020, doi: https://doi.org/10.1177/0894845320941922.
Google Scholar

20. H. Jung, I. J. Park, and J. Rie, "Future time perspective and career decisions: The moderating effects of affect spin," *J. Vocat. Behav.*, vol. 89, pp. 46–55, 2015, doi: https://doi.org/10.1016/j.jvb.2015.04.010.
Google Scholar Crossref

21. D. Widyaningrum and T. D. Hastjarjo, "*Pengaruh Bimbingan Karier terhadap Efikasi Diri dalam Pengambilan Keputusan Karier pada Siswa*," vol. 2, no. 2, 2016.
Google Scholar

22. A. Lanero, J. L. Vázquez, and C. L. Aza, "Social cognitive determinants of entrepreneurial career choice in university students," *Int. Small Bus. J. Res. Entrep.*, vol. 34, no. 8, pp. 1053–1075, 2016, doi: https://doi.org/10.1177/0266242615612882.
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23. S. Pfeifer, N. Šarlija, and M. Zekić Sušac, "Shaping the Entrepreneurial Mindset: Entrepreneurial Intentions of Business Students in Croatia," *J. Small Bus. Manag.*, vol. 54, no. 1, pp. 102–117, 2016, doi: https://doi.org/10.1111/jsbm.12133.
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24. D. Norena-Chavez and R. Guevara, "Entrepreneurial Passion and Self-Efficacy as Factors Explaining Innovative Behavior: A Mediation Model," *Int. J. Econ. Bus. Adm.*, vol. VIII, no. Issue 3, pp. 352–373, 2020, doi: https://doi.org/10.35808/ijeba/522.
Google Scholar Crossref

25. V. A. Lapshinsky, "On the way to the smart education in the cloud: The experience of using a virtual learning environment and webinars in educational and career guidance process," *AIP Conf. Proc.*, vol. 1797, 2017, doi: https://doi.org/10.1063/1.4972429.
Google Scholar

26. S. Barakat, M. Boddington, and S. Vyakarnam, "Measuring entrepreneurial self-efficacy to understand the impact of creative activities for learning innovation," *Int. J. Manag. Educ.*, vol. 12, no. 3, pp. 456–468, 2014, doi: https://doi.org/10.1016/j.ijme.2014.05.007.
Google Scholar Crossref

27. A. Lo Presti et al, "An Examination of the Structure of the Career Decision Self-Efficacy Scale (Short Form) Among Italian High School Students," *J. Career Assess.*, vol. 21, no. 2, pp. 337–347, 2013, doi: https://doi.org/10.1177/1069072712471506.
Google Scholar Crossref

28. P. Miani, T. Kille, S. Y. Lee, Y. Zhang, and P. R. Bates, "The impact of the COVID-19 pandemic on current tertiary aviation education and future careers: Students' perspective," *J. Air Transp. Manag.*, vol. 94, no. May, p. 102081, 2021, doi: https://doi.org/10.1016/j.jairtraman.2021.102081.
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