

**LAPORAN AKHIR
PENELITIAN SKEMA PENELITIAN DASAR**



**INSTITUTIONAL ROLE AND READINESS IN DEVELOPING
FLEXIBLE EDUCATION FRAMEWORK**

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Dibiayai Oleh Lembaga Riset dan Inovasi (LRI)

Universitas Muhammadiyah Yogyakarta

Tahun Anggaran 2022/2023



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LAPORAN AKHIR PENELITIAN

Informasi Data Usulan Penelitian

1. IDENTITAS PENELITIAN

A. JUDUL PENELITIAN

Institutional role and readiness in developing flexible education framework

B. SKEMA, BIDANG, TEMA, DAN TOPIK PENELITIAN

Skema Penelitian	Bidang Fokus Penelitian	Tema Penelitian	Topik Penelitian
Penelitian Dasar	Sosial Humaniora - Seni Budaya - Pendidikan	Pendidikan	Manajemen pendidikan

C. KOLABORASI DAN RUMPUN ILMU PENELITIAN

Jenis Kolaborasi Penelitian	Rumpun Ilmu 1	Rumpun Ilmu 2	Rumpun Ilmu 3
Kolaboratif Luar Negeri	ILMU PENDIDIKAN	ILMU PENDIDIKAN	Pengukuran dan Evaluasi Pendidikan

D. WAKTU PELAKSANAAN

Tahun Usulan	Tahun Pelaksanaan	Lama Penelitian
2022	2023	1

E. ANCOR RESEARCH

Anchor Research	Topik Anchor
Endro Dwi Hatmanto, S.Pd., M.A., Ph.D	Enhancing pedagogical innovation in synchronous and asynchronous teaching and learning in the online teaching context

2. IDENTITAS PENELITIAN

Nama	Peran	Tugas
Dimas Bagus Wiranatakusuma, Dr., S.E., M.Ec., CRP	Ketua Pengusul	
Mariska Intan Sari, S.S., M.A.	Anggota Pengusul	membantu dalam analisis kasus
Monica Kis Al Zahra	Mahasiswa Bimbingan	membantu dalam administrasi dan koleksi data

3. MITRA KERJASAMA PENELITIAN (JIKA ADA)

Pelaksanaan penelitian dapat melibatkan mitra kerjasama, yaitu mitra kerjasama dalam melaksanakan penelitian, mitra sebagai calon pengguna hasil penelitian, atau mitra investor

Mitra	Nama Mitra	Kepakaran
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4. KOLABORASI PENELITIAN (JIKA ADA)

Mitra	NIDN/NIK	Instansi
Dr Zalina Zainal	741029145616	UNIVERSITI UTARA MALAYSIA

5. LUARAN DAN TARGET CAPAIAN

Luaran Wajib

Tahun	Jenis Luaran
1	Publikasi Jurnal Internasional terindeks SCOPUS,

Luaran Tambahan

Tahun	Jenis Luaran
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6. KLUSTER

Kluster	Sub Kluster	Group Riset	Mata kuliah
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7. ANGGARAN

Rencana anggaran biaya penelitian mengacu pada PMK yang berlaku dengan besaran minimum dan maksimum sebagaimana diatur pada buku Panduan Penelitian dan Pengabdian kepada Masyarakat.

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Jenis Pembelanjaan	Komponen	Item	Satuan	Vol.	Harga Satuan	Total
BAHAN	ATK (Kertas/Tinta/Alat Tulis dll)	paket	Paket	4	Rp. 50,000	Rp. 200,000
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PENGUMPULAN DATA	Hotel/penginapan	malam	OH	1	Rp. 1,000,000	Rp. 1,000,000
ANALISIS DATA	Biaya Konsumsi Rapat	Makan Minum	OH	10	Rp. 100,000	Rp. 1,000,000
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Jenis Pembelian	Komponen	Item	Satuan	Vol.	Harga Satuan	Total
ANALISIS DATA	Honorarium Pengolah Data	Bulan	Per Penelitian	4	Rp. 1,500,000	Rp. 6,000,000
ANALISIS DATA	Honorarium Analisis Data	Bulan	OK(Kali)	3	Rp. 1,000,000	Rp. 3,000,000

8. LEMBAR PENGESAHAN

HALAMAN PENGESAHAN LAPORAN AKHIR PENELITIAN SKEMA:

Judul : Institutional role and readiness in developing flexible education framework
 Peneliti/Pelaksana : Dimas Bagus Wiranatakusuma, Dr., S.E., M.Ec., CRP
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 Prodi : S1 Ekonomi

Nama : Dr Zalina Zainal
 NIK : 741029145616
 Institusi : UNIVERSITI UTARA MALAYSIA

Biaya : Rp. 18,000,000

Yogyakarta, 21 Agustus 2023

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Kepala LRI,



(Handwritten signature)
 Prof. Dr. Dyah Mutiarin, MS.i.
 NIK : 19700502 199603

9. RINGKASAN

A modern approach to learning and teaching that allows for customization and adaptation to match the different requirements, preferences, and circumstances of learners is referred to as flexible education. This strategy seeks to move education away from the traditional one-size-fits-all model and toward a more personalized and customizable framework. Universitas Muhammadiyah Yogyakarta, one of Indonesia's greatest universities, has been working hard to encourage flexible learning under the Ministry of Education Indonesia's Freedom of Learning Independent Campus (Merdeka Belajar Kampus Merdeka - MBKM). This program allows students to study off campus with a structured education learning program that is approved by their home university upon program completion. The MBKM program offers a student exchange program in which students can transfer their studies to a university partner after finishing a semester program at the host university. However, the underlying difficulty is to urge pupils to participate deliberately and by design from the start. Some literatures focus on teaching methods, curriculum, and facilities, but leave out the component of switching intention for joining a student exchange program as part of the notion of flexible education. As a result, the study on switching intention is very relevant and significant since it would address the driving forces of student preference in enrolling in the MBKM's flexible education program. The Push Pull Mooring (PPM) hypothesis is used to determine the driving variables from push, pull, and mooring components. Students from the International program at Universitas Muhammadiyah Yogyakarta (UMY) have been invited to be interviewed about flexible education in relation to the student exchange program. The Partial Least Squares (PLS) approach of Structural Equation Modelling (SEM) is used to assess path analysis depending on the indicators employed. The findings show that implementing flexible schooling involves readiness from home, host, and government regulation. As a result, flexible education is not just about allowing students independence, but also about the supporting structure or ecosystem that ensures the connection between input, process, and product is maintained.

10. KEYWORDS

Flexible education, student exchange, UMY, PPM, SEM-PLS

11. HASIL PELAKSANAAN PENELITIAN

(Versi Bahasa Indonesia)

Dalam penelitian ini, kami menggunakan 3 dimensi sebagai proksi untuk mengukur kecenderungan mahasiswa dalam mengikuti kegiatan pertukaran mahasiswa yang merupakan bagian dari aspek fleksible education, yakni faktor pendorong (push) yakni kualitas pembelajaran, fasilitas pembelajaran, dan reputasi universitas. Sementara factor penarik adalah kemudahan pengguna, keamanan, dan kemudahan proses. Sementara factor penghambat (mooring) adalah biaya beralih, kebijakan pemerintah, dan norma subjektif.



Hasil penelitian menunjukkan bahwa semua dimensi berpengaruh positif dan signifikan terhadap intensi mengikuti program pertukaran mahasiswa di UMY. Secara spesifik, untuk variable push, semua variable signifikan dan positif, untuk variable pull, factor keamanan, kemudahan pengguna dan proses menjadi factor yang menarik untuk melakukan program pertukaran mahasiswa. Sementara, factor mooring, factor biaya, kebijakan pemerintah dan norma subjektif menjadi factor utama yang



12. KESIMPULAN PENELITIAN

Penelitian ini akhirnya menyimpulkan bahwa flexible education yang direfleksikan dengan program MBKM menjadi penting untuk dikaji dari perspektif mahasiswa, kampus dan pemerintah. Sinergi kebijakan antara pemerintah dan kampus di kedua negara menjadi kunci dalam memperlancar proses dan mobilisasi serta tentunya berdampak pada perubahan intensi mahasiswa dalam mengikuti program pertukaran mahasiswa.

13. STATUS LUARAN WAJIB

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[IJLTER] Submission Acknowledgement  

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Thank you for submitting the manuscript, "INSTITUTIONAL ROLE AND READINESS IN DEVELOPING FLEXIBLE EDUCATION FRAMEWORK" to International Journal of Learning, Teaching and Educational Research. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

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14. DOKUMEN LUARAN WAJIB

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18. LINK LUARAN TAMBAHAN

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19. PERAN MITRA (JIKA ADA)

Membantu dalam memberikan referensi dan data serta penyusunan kuesioner penelitian karena melibatkan 2 kampus (UMY dan UUM)

20. DAFTAR PUSTAKA

Barron, P., & Whitford, M. (2004). An evaluation of event management education: Student reflections on flexible learning processes and procedures. *Journal of Teaching in Travel and Tourism*, 4(2), 19–43. https://doi.org/10.1300/J172v04n02_02

Dorrian, J., & Wache, D. (2009). Introduction of an online approach to flexible learning for on-campus and distance education students: Lessons learned and ways forward. *Nurse Education Today*, 29(2), 157–167. <https://doi.org/10.1016/j.nedt.2008.08.010>

Gardner, L., Sheridan, D., & White, D. (2001). Computer Supported Learning. A large-scale, web-based learning and assessment system to support flexible education. *Proceedings of the Hawaii International Conference on System Sciences*, 00(c), 26. <https://doi.org/10.1109/HICSS.2001.926227>

- Gardner, L., Sheridan, D., & White, D. (2002). A web-based learning and assessment system to support flexible education. *Journal of Computer Assisted Learning*, 18(2), 125–136. <https://doi.org/10.1046/j.0266-4909.2001.00220.x>
- Gocotano, T. E., Jerodiaz, M. A. L., Banggay, J. C. P., Rey Nasibog, H. B., & Go, M. B. (2021). Higher education students' challenges on flexible online learning implementation in the rural areas: A Philippine case. *International Journal of Learning, Teaching and Educational Research*, 20(7), 262–290. <https://doi.org/10.26803/IJLTER.20.7.15>
- González-Zamar, M. D., Abad-Segura, E., de la Rosa, A. L., & López-Meneses, E. (2020). Digital education and artistic-visual learning in flexible university environments: Research analysis. *Education Sciences*, 10(11), 1–20. <https://doi.org/10.3390/educsci10110294>
- Herat, S. (2000). Education and training for cleaner production: A flexible learning approach. *Journal of Cleaner Production*, 8(5), 361–364. [https://doi.org/10.1016/S0959-6526\(00\)00038-X](https://doi.org/10.1016/S0959-6526(00)00038-X)
- Kehrwald, B. A., & McCallum, F. (2015). Degrees of change: Understanding academics experiences with a shift to flexible technology-enhanced learning in initial teacher education. *Australian Journal of Teacher Education*, 40(7), 43–56. <https://doi.org/10.14221/ajte.2015v40n7.4>
- Leppisaari, I., Vainio, L., Herrington, J., & Im, Y. (2011). International e-benchmarking: Flexible peer development of authentic learning principles in higher education. *Educational Media International*, 48(3), 179–191. <https://doi.org/10.1080/09523987.2011.607321>
- Lewis, P. A., Tutticci, N. F., Douglas, C., Gray, G., Osborne, Y., Evans, K., & Nielson, C. M. (2016). Flexible learning: Evaluation of an international distance education programme designed to build the learning and teaching capacity of nurse academics in a developing country. *Nurse Education in Practice*, 21, 59–65. <https://doi.org/10.1016/j.nepr.2016.10.001>
- Li, X., Yang, Y., Chu, S. K. W., Zainuddin, Z., & Zhang, Y. (2022). Applying blended synchronous teaching and learning for flexible learning in higher education: an action research study at a university in Hong Kong. *Asia Pacific Journal of Education*, 42(2), 211–227. <https://doi.org/10.1080/02188791.2020.1766417>
- Ma, X. (2009). Design of an flexible E-learning system for employee's education in manufacturing industry based on knowledge management. *ITME2009 - Proceedings 2009 IEEE International Symposium on IT in Medicine and Education*, 1034–1038. <https://doi.org/10.1109/ITIME.2009.5236228>
- Müller, C., & Mildenerger, T. (2021). Facilitating flexible learning by replacing classroom time with an online learning environment: A systematic review of blended learning in higher education. *Educational Research Review*, 34(April), 100394. <https://doi.org/10.1016/j.edurev.2021.100394>

- Murray, P. E., Donohoe, S., & Goodhew, S. (2004). Flexible learning in construction education: a building pathology case study. *Structural Survey*, 22(5), 242–250. <https://doi.org/10.1108/02630800410571553>
- Nicoll, K., & Chappell, C. (1998). Policy Effects: “flexible learning” in higher education and the “de-differentiation” of the vocational sector. *Studies in Continuing Education*, 20(1), 39–50. <https://doi.org/10.1080/0158037980200103>
- Palaoag, T. D., Catanes, J. G., Austria, R., & Ingosan, J. S. (2020). Prepping the new normal: The readiness of higher education institution in cordillera on a flexible learning. *ACM International Conference Proceeding Series*, 178–182. <https://doi.org/10.1145/3416797.3416829>
- Palmer, S. (2001). Engineering flexible teaching and learning in engineering education. *European Journal of Engineering Education*, 26(1), 1–13. <https://doi.org/10.1080/03043790010009149>
- Plows, V. (2017). Reworking or reaffirming practice? Perceptions of professional learning in alternative and flexible education settings. *Teaching Education*, 28(1), 72–87. <https://doi.org/10.1080/10476210.2016.1251416>
- Saleh, M. (2010). Flexible learning in engineering education: A reflection on the model. *Proceedings - ICELIE 2010, 4th IEEE International Conference on E-Learning in Industrial Electronics*, 24–28. <https://doi.org/10.1109/ICELIE.2010.5669875>
- Saul, R., Wade, W., Hodgkinson, K., Smith, A., & Arfield, J. (1996). Flexible Learning in Higher Education. *British Journal of Educational Studies*, 44(1), 129. <https://doi.org/10.2307/3121722>
- Scott, G. (1996). The effective management and evaluation of flexible learning innovations in higher education. *Innovations in Education and Teaching International*, 33(4), 154–170. <https://doi.org/10.1080/1355800960330402>
- Silver-Hmelo, C. E. (2004). Problem-Based Learning: What and How Do Students Learn? *Educational Psychology Review*, 16(3), 235–266.
- Steeple, C., Goodyear, P., & Mellor, H. (1994). Flexible learning in higher education: The use of computer-mediated communications. *Computers and Education*, 22(1–2), 83–90. [https://doi.org/10.1016/0360-1315\(94\)90076-0](https://doi.org/10.1016/0360-1315(94)90076-0)
- Subic, A., & Maconachie, D. (2004). Flexible learning technologies and distance education: a teaching and learning perspective. *European Journal of Engineering Education*, 29(1), 27–40. <https://doi.org/10.1080/0304379032000129322>
- Sutcliffe, W. G., & Powell, L. A. (1994). Can staff development in the uk further education sector meet the challenge of flexible learning? *International Journal of Lifelong Education*, 13(5), 405–411. <https://doi.org/10.1080/0260137940130506>
- Syvänen, A., & Viteli, J. (2012). Towards opportunistic uses of future learning environments: Flexible and activating learning in higher education. *Proceedings 2012 17th IEEE*

International Conference on Wireless, Mobile and Ubiquitous Technology in Education, WMUTE 2012, 229–231. <https://doi.org/10.1109/WMUTE.2012.56>

- Taskin, E. (2009). Distance education: A flexible teaching and learning delivery method. 2009 *International Conference on Application of Information and Communication Technologies, AICT 2009*, 4–6. <https://doi.org/10.1109/ICAICT.2009.5372601>
- Unrau, N., & Schlackman, J. (2010). Factors Affecting Student Attitudes Toward Flexible Online Learning in Management Education. *The Journal of Educational Research*, 2(May 2012), 37–41. <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&D=psyc2&AN=1970-02869-001>
- Vadeboncoeur, J. A., & Padilla-Petry, P. (2017). Learning from teaching in alternative and flexible education settings. *Teaching Education*, 28(1), 1–7. <https://doi.org/10.1080/10476210.2016.1265928>
- Veletsianos, G., & Houlden, S. (2019). An analysis of flexible learning and flexibility over the last 40 years of Distance Education. *Distance Education*, 40(4), 454–468. <https://doi.org/10.1080/01587919.2019.1681893>
- Wilkinson, A., Forbes, A., Bloomfield, J., & Gee, C. F. (2004). An exploration of four web-based open and flexible learning modules in post-registration nurse education. *International Journal of Nursing Studies*, 41(4), 411–424. <https://doi.org/10.1016/j.ijnurstu.2003.11.001>
- Wiranatakusuma, D. B. (2020). Development Strategies towards a Reputable International Program: Special Focus at International Program for Islamic Economics and Finance, Universitas Muhammadiyah Yogyakarta. In *Intech* (p. 18).

21. LAMPIRAN-LAMPIRAN



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Date: 8th November 2022

Prof. Dr. Rizal Yaya
Dean
Faculty of Economics and Business
Universitas Muhammadiyah Yogyakarta

Dear Prof,

INVITATION FOR RESEARCH COLLABORATION IN AUAP GRANT APPLICATION 2022

The School of Economics, Finance and Banking (SEFB), Universiti Utara Malaysia aims to achieve excellence in research, particularly in the areas of economics, finance, and banking. We encourage our faculty members to find international funding opportunities and collaborate with other universities throughout the world.

We understand the importance of international engagement in contributing towards the excellence of research and publication by our faculty members. Therefore, we kindly invite the following researcher from your faculty to be part of the AUAP Grant Application 2022. This grant application will be led by Dr. Zalina Zainal.

1. Dr. Dimas Bagus Wiranata, Director of International Program, Faculty of Economics and Business, UMY
2. Dr. Dyah Titis Kusuma Wardani, Coordinator of the Curriculum, Faculty of Economics and Business, UMY
3. Ms. Mariska Intan Sari Head of Teaching and Learning Divison, UMY

We sincerely hope you will accept our invitation to work with our team on this grant research. Please respond by November 15th, 2022, so that we may make the required arrangements. We would greatly appreciate it.

We are looking forward to hearing from you.

Thank you.

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