

**PENGEMBANGAN MODEL PUSAT UNGGULAN RISET
PENDIDIKAN DAN PELATIHAN TEKNIK DAN VOKASI**

DISERTASI

Diajukan untuk memenuhi sebagian syarat untuk memperoleh
gelar Doktor Pendidikan Teknologi dan Kejuruan



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UNIVERSITAS PENDIDIKAN INDONESIA
2022**

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2022

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FAUZI RAHMANNULLAH

**PENGEMBANGAN MODEL PUSAT UNGGULAN RISET
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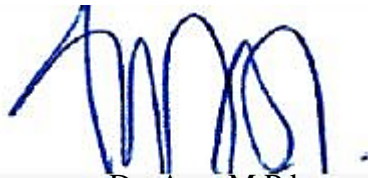
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PERNYATAAN

Dengan ini saya menyatakan bahwa disertasi dengan judul "**Pengembangan Model Pusat Unggulan Riset Pendidikan dan Pelatihan Teknik dan Vokasi**" ini beserta seluruh isinya adalah benar-benar karya saya sendiri. Saya tidak melakukan penjiplakan atau pengutipan dengan cara-cara yang tidak sesuai dengan etika ilmu yang berlaku dalam masyarakat keilmuan. Atas pernyataan ini, saya siap menanggung risiko/sanksi apabila di kemudian hari ditemukan adanya pelanggaran etika keilmuan atau ada klaim dari pihak lain terhadap keaslian karya saya ini.

Bandung, Agustus 2022

Yang membuat pernyataan

A handwritten signature in black ink, appearing to read 'Fauzi Rahmannullah', with a horizontal line extending to the right.

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Persaingan global yang semakin ketat sekarang ini, memicu pendidikan vokasi menjadi solusi untuk meningkatkan kesejahteraan masyarakat Indonesia, melalui persiapan sumber daya manusia kompetitif dengan melahirkan tenaga kerja terampil yang terserap dunia industri, bahkan menciptakan lapangan kerja baru. Perlu dilakukan riset-riset untuk memperkuat peran pendidikan vokasi di Indonesia.

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FAUZI RAHMANNULLAH

**PENGEMBANGAN MODEL PUSAT UNGGULAN RISET PENDIDIKAN
DAN PELATIHAN TEKNIK DAN VOKASI**

ABSTRAK

Aktivitas inovasi berbasis riset merupakan komponen yang turut menentukan daya saing negara. Lembaga riset memainkan peran penting sebagai bagian dari lanskap inovasi mencakup organisasi, industri, akademik, dan pemerintah. *TVET research center* Universitas Pendidikan Indonesia merupakan pusat kajian, penelitian, kolaborasi, dan pusat pengembangan inovasi. Penelitian ini bertujuan untuk mengembangkan model pusat unggulan riset bidang TVET dengan merujuk pada struktur, regulasi, fungsi, tipologi dan pengalaman lembaga *TVET reseach center* di Asia. Lembaga rujukan penelitian yaitu *Korea Research Institute for Vocational and Training* (KRIVET), dan *Malaysia Research Institute for Vocational and Training* (MyRIVET). Pendekatan penelitian kualitatif, metode analisis isi (*content analysis*) dipilih dalam penelitian. Teknik pengumpulan data melalui kajian literatur kedua lembaga, *focus group discussion* dengan salah satu lembaga yaitu MyRIVET, dan wawancara dengan pengelola TVET RC 2017-2022. MyRIVET memiliki beberapa kesamaan tipologi dari aspek sejarah pengembangan dan latar belakang pendirian. Analisis dari temuan penelitian menghasilkan model pengembangan dengan enam fokus utama, yaitu: 1) visi, misi, dan tujuan, menjadi lembaga nasional yang memberikan solusi permasalahan TVET, 2) manajemen organisasi yang bersifat modern, terbuka, responsif terhadap perkembangan zaman, dan mengoptimalkan digitalisasi administrasi, 3) lingkup dan arah riset, mempunyai prioritas “riset berbasis masalah” menuju pada “kebijakan berbasis riset”, 4) jejaring kerjasama diperluas dengan terlibat dalam proyek internasional, 5) strategi implementasi fokus pada hilirisasi riset yang menghasilkan kebijakan, dan 6) rekognisi lembaga baik internal, lokal, nasional, regional maupun internasional. Dibutuhkan komitmen manajemen perguruan tinggi untuk mengembangkan pusat unggulan riset TVET sebagai lembaga rujukan yang mendukung kebijakan TVET dan sumber daya manusia melalui peningkatan hilirisasi hasil riset.

Kata kunci: pusat unggulan riset, pendidikan dan pelatihan teknik dan vokasi, riset, hilirisasi

FAUZI RAHMANNULLAH

**DEVELOPMENT OF EXCELLENT RESEARCH CENTER MODEL
ON TVET**

ABSTRACT

Research-based innovation activities are one of the components that determine a country's competitiveness. The state invests in research and focuses on knowledge-based development policies. Research institutions play an important role as part of the innovation landscape, which includes organizations, industry, academia and government. The Center of Excellence in science and technology is directed at strengthening research institutions, developing science and technology so that they are able to produce demand-driven and sustainable science and technology products and innovations. TVET research center Universitas Pendidikan Indonesia is a center for studies, research, collaboration, and a center for TVET innovation development. This study aims to develop a model of a center of excellence for TVET research by referring to the structure, regulation, function, typology and experience of TVET research center institutions in Asia. Research reference institutions are the Korea Research Institute for Vocational and Training (KRIVET), and the Malaysia Research institute for vocational and Training (MyRIVET). The research method used is a qualitative method. Data was collected through a literature review of the two institutions and a focus group discussion with one of the institutions. MyRIVET has almost the same typology from the aspect of its development history and background of its establishment. Analysis of research findings resulted in a development model with six main focuses, are 1) vision, mission, and goals, 2) organizational management, 3) scope and direction of research, 4) cooperation network, 5) implementation strategy, and 6) institutional recognition. It takes the commitment of higher education management to develop a TVET research center of excellence as a leading higher education institution, and as a reference institution that supports TVET policies and human resources through increasing the research translation. Comparative studies of the three institutions are discussed in this study.

Keywords: *center of excellence for research, technical and vocational education and training, research, research translation*

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- Lampiran 9. Model Pengembangan TVET RC UP**Error! Bookmark not defined.**
- Lampiran 10. Gedung CoE TVET for Teacher.....**Error! Bookmark not defined.**
- Lampiran 11. Denah, dan Interior lantai 7 (Peruntukan TVET RC dan CoE TVET for Teacher**Error! Bookmark not defined.**
- Lampiran 12. Draft Wawancara/Pertanyaan/Diskusi..... **Error! Bookmark not defined.**
- Lampiran 13. Lembaga UNEVOC Centre yang menjadikan riset sebagai pusat kegiatan utama**Error! Bookmark not defined.**
- Lampiran 14. Identifikasi Permasalahan TVET di Indonesia (Laporan Tahunan TVET RC UPI, 2021)**Error! Bookmark not defined.**
- Lampiran 15. Struktur Organisasi dan Tata Kerja UPI..... **Error! Bookmark not defined.**
- Lampiran 16. Riwayat Hidup Peneliti.....**Error! Bookmark not defined.**

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