



CURRICULUM VITAE

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Faculty: Fakultas Teknik

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Biography

Scopus of the Last 5 Years

The Implementation of Collaborative Project Based Learning Model with Inquiry Process using E-Learning in Higher Education. Educational Administration: Theory and Practice, Irwan, 2023

Evaluation Of Educator's Functional Training Program Of Teaching And Learning Studio (SKB) At Learning Activity Development Center (BPKB) Of West Sumatra. Educational Administration: Theory and Practice, Rizal F., 2022

Lack E-Learning Effectiveness: An Analysis Evaluating E-Learning in Engineering Education. International Journal of Instruction, Rizal F., 2022

A new approach of students' industrial field experience program in the digital age. Journal of Technical Education and Training, Yustisia H., 2021

Development of Augmented Reality Application for Learning Computer Network Device. International Journal of Interactive Mobile Technologies, Hamzah M.L., 2021

Syntax validation based on work-based learning model according to respondents' assessment. International Journal of Scientific and Technology Research, Marlina H., 2020

Design and technology teacher in tvet: A view on thinking style and inventive problem-solving skill. Journal of Technical Education and Training, Tee T.K., 2020

Selection criteria of feasibility assessment on mini hydro power plant in Batang Sumani River Solok West Sumatera. Journal of Physics: Conference Series, Suryadimal S., 2020

Evaluation of 3 in 1 training program (Training, certification, work placement) at Padang industrial training center. International Journal of Scientific and Technology Research, Sari D.N., 2020

Identification of development of feasibility assessment for community based water power plant. Journal of Physics: Conference Series, Suryadimal, 2020

Blended learning as instructional model in vocational education: Literature review. Universal Journal of Educational Research, Krismadinata, 2020

The Experiences and Challenges of Online Learning Technology for Teaching during the COVID-19 Pandemic among University Undergraduate Students. Journal of Advanced Research in Applied Sciences and Engineering Technology, Ambiyar, 2024

Optimization Of CIPP Evaluation Model as An Escalation of Educational-Industrial Collaboration Program. Paper Asia, Rizal F., 2023

Web of Science (WoS) of the Last 5 Years

Lack E-Learning Effectiveness: An Analysis Evaluating E-Learning in Engineering Education. INTERNATIONAL JOURNAL OF INSTRUCTION, Rizal, F; Hidayat, H; Jaya, P; Waskito; Hendri; Verawardina, U,; 2022

A New Approach of Students' Industrial Field Experience Program in the Digital Age. JOURNAL OF TECHNICAL EDUCATION AND TRAINING, Yustisia, H; Jalinus, N; Rizal, F; Fadhillah,; 2021

Design and Technology Teacher in TVET: A View on Thinking Style and Inventive Problem-Solving Skill. JOURNAL OF TECHNICAL EDUCATION AND TRAINING, Tee, TK; Saien, S; Rizal, F; Sukardi; Risfendra; Yee, MH; Mohamad, MM; Othman, W; Azman, MNA; Azid, N,; 2020

Google Scholar of the Last 5 Years

The Implementation of Collaborative Project Based Learning Model with Inquiry Process using E-Learning in Higher Education. Educational Administration: Theory and Practice 29 (1), 2023, Y Desnelita, W Susanti, F Rizal, AR Ritonga, 2023

A Needs Analysis of Cippo Evaluation Model Components As A Quality Escalation of Cooperation Program with Industries: Vocational School Perceptions In West Java, Indonesia. Journal of Southwest Jiaotong University 58 (1), 2023, I Kuntadi, E Sutadji, F Rizal, MN Handayani, MO Ramadhan, A Kamis, 2023

Pengaruh Model Pembelajaran Teaching Factory (TEFA) dalam Meningkatkan Kompetensi Peserta Pelatihan Pengelasan. Jurnal Abdimas Adpi Sosial dan Humaniora 4 (1), 467-472, 2023, DA Kifta, A Ambiyar, F Rizal, 2023

Similarity: Evaluasi Pengelolaan Laboratorium Komputer di SMKN Keahlian TKJ Kota Padang. -, 2023, M Masril, A Ambiyar, F Rizal, 2023

Efektivitas pengembangan modul pembelajaran berbasis project based learning selama pandemi pada matapelajaran TIK di sekolah menengah pertama negeri. Scaffolding: Jurnal Pendidikan Islam Dan Multikulturalisme 4 (1), 81-92, 2022, E Khairani, H Maksum, F Rizal, M Adri, 2022

Validitas pengembangan modul pembelajaran berbasis project based learning pada mata pelajaran teknologi informasi dan komunikasi. , E Khairani, H Maksum, F Rizal, M Adri, 2022

Evaluasi E-learning di Fakultas Teknik Universitas Negeri Padang. Jurnal Pendidikan Teknologi Kejuruan 5 (1), 23-27, 2022, F Rizal, UV Wardina, A Ambiyar, 2022

Evaluasi Akreditasi Program Studi di Perguruan Tinggi Merujuk pada Peraturan Pemerintah No 3 Tahun 2020 (SN DIKTI). EDUKATIF: JURNAL ILMU PENDIDIKAN 4 (4), 5228-5238, 2022, AM Made, A Ambiyar, F Rizal, AR Riyanda, P Pujiati, R Rahmawati, 2022

Performance Evaluation of Certified Teachers Using the Charlotte Danielson Model Approach. EDUKATIF: JURNAL ILMU PENDIDIKAN 4 (4), 5248-5255, 2022, HS Batubara, A Kurniawan, I Bulan, AR Riyanda, A Ambiyar, F Rizal, 2022

MEDIA PEMBELAJARAN BERBASIS ANIMASI POWTOON PADA MATA PELAJARAN GAMBAR TEKNIK DI SMK NEGERI 1 SUMATERA BARAT. Jurnal Applied Science in Civil Engineering 3 (1), 48-53, 2022, DM Sasra, F Rizal, 2022

Pengembangan media aplikasi permainan monopoli mata pelajaran MIPA (MOMIPA) berbasis teknologi android di sekolah menengah kejuruan. Universitas Negeri Padang, 2022, MR Cuhazriansyah, F Rizal, D Irfan, R Abdullah, 2022

Studi Literatur: Peranan Model-Model Pembelajaran Inovatif Bidang Pendidikan Teknologi Kejuruan. Edukatif J. Ilmu Pendidik 4 (4), 5762-5772, 2022, Y Indarta, Ambiyar, F Rizal, F Ranuharja, AD Samala, IP Dewi, 2022

Research on Vocational Education in Indonesia: A Bibliometric Analysis. JTEV (Jurnal Teknik Elektro Dan Vokasional) 8 (2), 187-192, 2022, R Watrianthos, A Ambiyar, F Rizal, N Jalinus, W Waskito, 2022

Efektivitas Job sheet Instalasi Tenaga Listrik Menggunakan Electrical Control Techniques Simulator (EKTS) pada Masa Pandemi Covid-19. JTEV (Jurnal Teknik Elektro dan Vokasional) 8 (2), 292-298, 2022, S Islami, A Ambiyar, F Rizal, S Sukardi, Y Indarta, 2022

Evaluation of ISO 9001 Lead Auditor Training Program using CIPP Model at ATS Training Centre. Jurnal Pendidikan Teknologi Kejuruan 5 (2), 41-46, 2022, DA Kifta, A Ambiyar, F Rizal, S Islami, 2022

Efektivitas penerapan model flipped class room pada mata kuliah evaluasi program. CIVED 9 (2), 143-148, 2022, F Rizal, A Ambiyar, U Verawardina, AL Lubis, 2022

PENGEMBANGAN MEDIA PEMBELAJARAN FLIP PDF PROFESSIONAL BERBASIS ANDROID PADA MATA PELAJARAN PENGELOLAAN BISNIS KONSTRUKSI DAN PROPERTI. Jurnal Applied Science in Civil Engineering 3 (2), 164-171, 2022, S Hardiyanti, F Rizal, 2022

Categorization of Problems and Solutions in Technopreneurship Course: A Literature Study. Journal of Positive School Psychology, 6712-6722, 2022, I Jangcik, J Jama, F Rizal, D Rahmayati, 2022

Pjbl Mooc: A New Learning Model In Web Programming. <https://journalppw.com/index.php/jpsp/article/view/10920> (8), 6250-6254, 2022, SZS Iwan Purnama , Ambiyar , Fahmi Rizal , Dedek Indra Gunawan Hts , Rian ..., 2022

The Effectiveness Of The Problem Based Flipped Classroom Learning Model In Programming Algorithm Courses. Journal of Positive School Psychology 6 (8), 6225-6230, 2022, A Elvira Asril, Nizwardi Jalinus, Fahmi Rizal, 2022

The Effectiveness Of The Competency Based E-Training Model In Software Development In Accordance With The National Board Of Professional Certification Standards. Journal of Positive School Psychology 6 (8), 6244-6249, 2022, A Syahtriatna Djusar, Jalius Jama, Fahmi Rizal, 2022

Evaluation Of "Bursa Kerja Khusus"(Bkk) Program With Logic Model. Jurnal Mantik 6 (2), 1526-1533, 2022, D Ridhani, F Rizal, 2022

EVALUATION OF THE IMPLEMENTATION OF THE TEACHING FACTORY PROGRAM OF SMKN 6 PADANG. Jurnal Mantik 6 (2), 1383-1385, 2022, RF Rosel, F Rizal, 2022

EVALUATION OF SCOUT EXTRACURRICULAR PROGRAMS IN VOCATIONAL SCHOOLS USING THE CIPP MODEL. Jurnal Mantik 6 (1), 927-931, 2022, YN Sari, R Chandra, F Rizal, 2022

Lack E-Learning Effectiveness: An Analysis Evaluating E-Learning in Engineering Education. International Journal of Instruction 15 (Nomor 4), 24, 2022, U Rizal, F., Hidayat, H., Jaya, P., Waskito., Hendri., & Verawardina, 2022

Evaluation of educator's functional training program of teaching and learning studio (SKB) at learning activity development center (BPKB) of West Sumatra. Educational Administration: Theory and Practice 28 (02), 39-48, 2022, F Rizal, TT Kiong, A Elmizar, U Verawardina, 2022

Practicality And Effectiveness Of Vocational Inventory Model In Prospective New Vocational Middle School Students. Journal of Positive School Psychology 6 (8), 6255-6259, 2022, FR Arden Simeru, Ambiyar, 2022

Evaluation of the learning program for making industrial clothing using the countenance stake model in vocational high schools. *EduTec: Journal of Education and Technology* 6 (2), 421-430, 2022, QNM Batubara, F Rizal, E Ernawati, W Waskito, 2022

PERSEPSI SISWA TERHADAP EFEKTIVITAS PEMBELAJARAN DENGAN GOOGLE CLASSROOM PADA MATA PELAJARAN DSKB KELAS X TKP DI SMK NEGERI 1 PADANG. *Jurnal Applied Science in Civil Engineering* 3 (4), 297-302, 2022, F Yulia, F Rizal, 2022

Teacher Performance analysis in the learning process. *Journal of Education Research and Evaluation* 5 (1), 67-75, 2021, S Wahyu, F Rizal, N Syah, 2021

A New Approached Of Student Industrial Field Experience Program In The Era Of Digital Age. *Journal of Technical Education and Training* 13 (1), 167-175, 2021, H Yustisia, N Jalinus, F Rizal, 2021

The Effectiveness of the Cooperative Problem-Based Learning Model in Learning Statics in Vocational Education. *Turkish Journal of Computer and Mathematics Education (TURCOMAT)* 12 (3) ..., 2021, J Silalahi, 2021

Mesin Penetas Telur Menggunakan Microcontroller ATmega328 Berbasis Arduino. *JURNAL MEDIA INFORMATIKA BUDIDARMA* 5 (2), 431-438, 2021, I Purnama, A Ambiyar, F Rizal, U Verawardina, SD Raharjo, A Karim, 2021

Kemandirian dan Motivasi Belajar dalam Menggunakan Edmodo terhadap Hasil Belajar Siswa. *Edukasi: Jurnal Pendidikan* 19 (1), 75-89, 2021, I Ilahi, F Rizal, D Irfan, 2021

Implementasi Model Cipp Dalam Evaluasi Kurikulum Pendidikan Teknik Informatika. *Edukatif: Jurnal Ilmu Pendidikan* 3 (4), 1383-1394, 2021, A Mubai, N Jalinus, A Ambiyar, W Wakhinuddin, R Abdullah, F Rizal, ..., 2021

Pengaruh Metode Pembelajaran Tutor Sebaya dan Motivasi terhadap Hasil Belajar Teknologi Informasi dan Komunikasi Siswa. *Jurnal Ilmiah Pendidikan dan Pembelajaran* 5 (1), 76-84, 2021, N Novidianti, F Rizal, U Usmeldi, 2021

Development of Augmented Reality Application for Learning Computer Network Device.. *International Journal of Interactive Mobile Technologies* 15 (12), 2021, ML Hamzah, F Rizal, W Simatupang, 2021

The effectiveness of problem based learning model with mind mapping in health law and ethics lectures. *Turkish Journal of Physiotherapy and Rehabilitation*, 12914-12924, 2021, S Siswati, J Jama, F Rizal, M Giatman, 2021

Improving The Effectiveness of Student's Learning Engagement by Build-up Mobile Learning Management System (M-LMS). *8th International Conference on Technical and Vocational Education and ...*, 2021, F Rizal, M Anwar, U Verawardina, F Rini, 2021

Implementation of Problem-Based Learning Using Mind Mapping and a Growth Mindset in the Covid-19 Pandemic Situation. *8th International Conference on Technical and Vocational Education and ...*, 2021, S Siswati, E Giatri, F Rizal, M Giatman, 2021

Evaluasi Implementasi Kurikulum 2013 pada Mata Pelajaran Simulasi Digital di SMK Negeri Kota Padang. *INFORMATIKA* 9 (3), 109-119, 2021, EMS Syah, F Rizal, H Effendi, 2021

Evaluation of Training Program Based on Competency of Building Mechanical Works Building using Kirkpatrick. *Evaluation of Training Program Based on Competency of Building Mechanical ...*, 2021, S Suryadimal, F Rizal, R Rahmad, N Jalinus, 2021

Application of the Collaborative Project-Based Learning Model using Moodle in Higher Education.. *Review of International Geographical Education Online* 11 (9), 2021, Y Desnelita, W Susanti, F Rizal, RN Putri, D Novaliendry, 2021

- Efektivitas Pembelajaran Daring di SMK N 5 Padang. *Jurnal Applied Science in Civil Engineering* 2 (3), 276-286, 2021, L Fitriani, F Rizal, 2021
-
- Development of android-based career guidance media. *Jurnal Teknologi Informasi dan Pendidikan* 14 (2), 99-105, 2021, L Hidayati, F Rizal, S Syahril, 2021
-
- Website Based E-Module Development on Computer System Vocational High School. *Jurnal Teknologi Informasi dan Pendidikan* 14 (1), 40-46, 2021, N Yolanda, F Rizal, 2021
-
- HUBUNGAN KETERAMPILAN BERPIKIR TINGKATtinggi (HOTS) DENGAN HASIL BELAJAR MAHASISWA MATA KULIAH QUANTITIY SURVEYING DAN MANAJEMEN PROYEK JURUSAN TEKNIK SIPIL FT-UNP. *Jurnal Applied Science in Civil Engineering* 2 (1), 108-112, 2021, A Fardila, F Rizal, 2021
-
- The Systematic Procurement: Educational Supply Chain Management System. *IJHCM (International Journal of Human Capital Management)* 5 (1), 115-120, 2021, KZ Ya, F Rizal, AA Ramadhan, 2021
-
- Website Based E-Module Development on Computer System in Vocational High School. *Jurnal Teknologi Informasi dan Pendidikan* 14 (1), 40-46, 2021, N Yolanda, F Rizal, 2021
-
- Meningkatkan hasil belajar siswa menengah kejuruan melalui mobile learning. *Jurnal Edutech Undiksha* 9 (1), 31-39, 2021, S Haryati, F Rizal, N Syah, 2021
-
- Need Assessment For Learning App Implementation to Introduction Mobile Application Based on Mobile Learning. *Turkish Journal of Computer and Mathematics Education (TURCOMAT)* 12 (14), ..., 2021, G RianFartaWijaya, F Rizal, N Mayasari, 2021
-
- Dampak positif penggunaan google classroom terhadap motivasi belajar dan hasil belajar siswa pada mata pelajaran tik di masa pandemi covid-19. *Jurnal Penelitian dan Pengembangan Pendidikan* 5 (1), 154-162, 2021, A Baser, F Rizal, 2021
-
- Comparison of Learning Style for Engineering and Non-Engineering Students. *Advanced in Science, Technology and Engineering Systems Journal* 6 (4), 184-188, 2021, BI Mimi Mohaffyza, Jailani Md Yunos, Yee Mei Heong, Junita, Fahmi Rizal, 2021
-
- Educational Supply Chain Management System: A Case Study in Indonesia. *International Journal of Supply Chain Management* 10 (4), 40-50, 2021, M Kyaw Zay Ya, Fahmi Rizal, Anugrah Agung Ramadhan, 2021
-
- The Use of Flipped Classroom Model in Reading Comprehension. *JALL (Journal Of Applied Linguistics And Literacy)* 4 (1), 77-94, 2020, R Fahmi, LY Friatin, L Irianti, 2020
-
- Selection criteria of feasibility assessment on mini hydro power plant in Batang Sumani River Solok West Sumatera. *Journal of Physics: Conference Series* 1469 (1), 012177, 2020, S Suryadimal, A Ambiyar, G Ganefri, F Rizal, N Jalinu, 2020
-
- Identification of development of feasibility assessment for community based water power plant. *Journal of Physics: Conference Series* 1477, 8 halaman, 2020, YD Suryadimal, Ganefri, Ambiyar, Nizwardi Jalinus, Fahmi Rizal, 2020
-
- Evaluasi pengelolaan laboratorium komputer di SMKN keahlian TKJ Kota Padang. *Cakrawala: Jurnal Pendidikan* 14 (1), 10-18, 2020, M Masril, F Rizal, 2020
-
- Pendekatan Evaluasi Program Tyler: Goal-Oriented. *Edukasi: Jurnal Pendidikan* 18 (1), 137-146, 2020, R Novalinda, A Ambiyar, F Rizal, 2020
-
- Pengembangan Media Pembelajaran Berbasis Mobile Learning Pada Mata Pelajaran Dasar Listrik Dan Elektronika Sekolah Menengah Kejuruan. *INVOTEK: Jurnal Inovasi Vokasional dan Teknologi* 20 (1), 77-84, 2020, M Sumiati, F Rizal, M Anwar, 2020
-

- Development of Work Based Learning Models in Education of Vocational Midwifery: Part of Need Analysis. *Jurnal Pendidikan Teknologi Kejuruan* 3 (2), 129-132, 2020, H Marlina, N Jalinus, F Rizal, 2020
-
- PENGEMBANGAN SISTEM PENDUKUNG KEPUTUSAN PENENTUAN KONSENTRASI BIDANG KEAHLIAN MAHASISWA DENGAN INTEREST INVENTORY. *Jurnal Teknik Informatika* 13 (1), 51-60, 2020, E Haerani, K Rukun, F Rizal, 2020
-
- Pengembangan model evaluasi kualitas output pembelajaran teknik komputer dan jaringan di SMK kota Padang. *Cakrawala: Jurnal Pendidikan* 14 (1), 1-9, 2020, M Fajra, F Rizal, O Dakhi, W Simatupang, 2020
-
- Kontribusi Lingkungan Belajar Terhadap Kemampuan Literasi Teknologi Siswa di SMKN 7 dan 9 Padang. *Jurnal Aplikasi IPTEK Indonesia* 4 (2), 75-80, 2020, P Dayurni, F Rizal, A Ambiyar, 2020
-
- Evaluasi Program Penerapan Bimbingan Karir di SMK Negeri 5 Kota Padang. *Cakrawala: Jurnal Pendidikan* 14 (1), 19-30, 2020, N Jalinus, M Giatman, F Rizal, 2020
-
- Blended learning as instructional model in vocational education: literature review. *Universal Journal of Educational Research* 8 (11B), 5801-5815, 2020, UV Krismadinata, N Jalinus, F Rizal, PS Sukardi, D Ramadhani, AL Lubis, ..., 2020
-
- Pengembangan E-Modul Berbasis Web Pada Mata Pelajaran Pembuatan Busana Industri Kelas XI SMK. *Jurnal Pedagogi Dan Pembelajaran* 3 (3), 508-515, 2020, D Dermawan, R Fahmi, 2020
-
- The Evaluation of Model School Programs at Smp Negeri 4 Padang west Sumatera Province. *International Journal of Educational Dynamics* 3 (1), 71-80, 2020, I Irawati, A Ambiyar, F Rizal, 2020
-
- Evaluasi Program Pelatihan Survei Kinerja Akuntabilitas menggunakan Model Context, Input, Process, Product. *Jurnal Bahana Manajemen Pendidikan* 9 (2), 31-36, 2020, D Agustanto, W Waskito, F Rizal, D Irfan, W Purwanto, H Maksum, 2020
-
- The Development of Kolb Learning Style and 4C's 21st Century Skill Integration e-book in Pedagogy Subject. *Jurnal Pendidikan Teknologi dan Kejuruan: Research and Learning in* ..., 2020, T Santika, N Jalinus, S Syahril, F Rizal, S Sukardi, R Rispendra, ..., 2020
-
- Meta Analysis: The Effectiveness of Learning Media Based on Virtual Simulation in Technical Vocational Education. *2nd International Conference Innovation in Education (ICoIE 2020)*, 353-360, 2020, A Mubai, M Giatman, F Rizal, H Effendi, M Muskhir, A Karudin, 2020
-
- Curriculum Evaluation of Light Vehicle Engineering Department with Discrepancy Model as Per Industry Needs. *Journal of Education Research and Evaluation* 4 (4), 387-393, 2020, A Aprianto, F Rizal, R Lapisa, W Wakhid, AR Riyanda, 2020
-
- Media Pembelajaran Video Tutorial Pada Mata Kuliah Survey dan Pemetaan. *Jurnal Applied Science in Civil Engineering* 1 (4), 160-165, 2020, H Taqi, F Rizal, 2020
-
- Revisiting the School-Based Management Recent Studies. *Pedagogi: Jurnal Ilmu Pendidikan* 20 (2), 119-127, 2020, KZ Ya, M Giatman, F Rizal, RE Wulansari, 2020
-
- Kontribusi Keterampilan Guru Abad 21 Terhadap Implementasi Kurikulum 2013 Di SMK 1 Sumbar. *Jurnal Aplikasi IPTEK Indonesia* 4 (2), 69-74, 2020, R Nurpendah, F Rizal, S Sukardi, 2020
-
- Kontribusi Kesiapan Belajar Terhadap Hasil Belajar Mata Kuliah Gambar Bestek Bangunan Mahasiswa Pendidikan Teknik Bangunan Ft Unp. *Jurnal Applied Science in Civil Engineering* 1 (1), 1-5, 2020, A Ardiyan, F Rizal, R Apdeni, 2020
-

Validity and Practicality of Problem-Based Electronic Learning Media. Progress in Social Science, Humanities and Education Research Symposium, 88-92, 2020, EA Saputra, S Wakhinuddin, F Rizal, 2020

Kontribusi Pelaksanaan E-Learning Terhadap Hasil Belajar Mata Kuliah Analisis Struktur Mahasiswa Jurusan Teknik Sipil Fakultas Teknik Universitas Negeri Padang. Jurnal Applied Science in Civil Engineering 1 (2), 76-83, 2020, N Aini, F Rizal, 2020

Development of mobile-learning media on basic electricity and electronics subject. JURNAL PENDIDIKAN TEKNOLOGI KEJURUAN 3 (1), 14-19, 2020, M Sumiati, F Rizal, M Anwar, 2020

Kontribusi Pelatihan Guru terhadap Implementasi Kurikulum 2013. Jurnal Penelitian dan Pengembangan Pendidikan 4 (1), 149-157, 2020, R Nurpendah, F Rizal, S Sukardi, 2020

Syntax Validation Based On Work-Based Learning Model According To Respondents' Assessment. International Journal Of Scientific & Technology Research 9 (02), 2020, H Marlina, R Renaldi, NJ Ambiyar, F Rizal, 2020

Development Support Learning Media Based On Android In Subject Operation System. Jurnal Teknologi Informasi dan Pendidikan 13 (2), 25-32, 2020, R Rizalita, F Rizal, 2020

Keterampilan Guru Abad 21 Di Sekolah Menengah Kejuruan (SMK). Jurnal Ilmiah Pendidikan dan Pembelajaran 4 (2), 221-231, 2020, R Tridiana, F Rizal, 2020

The Development of Program Logic Control (PLC) Trainer Media in Vocational High Schools. Journal of Education Research and Evaluation 4 (2), 121-132, 2020, RA Silaban, F Rizal, 2020

Evaluasi Program Ekstrakurikuler di Pondok Pesantren Al-khoir Padang Lawas Sumatera Utara. INVOTEK: Jurnal Inovasi Vokasional Dan Teknologi 20 (1), 45-52, 2020, N Harahap, F Rizal, 2020

Pengaruh model pembelajaran problem based instruction berbasis collaboration, communication, creativity and critical thinking terhadap hasil belajar rangkaian elektronika. INVOTEK: Jurnal Inovasi Vokasional Dan Teknologi 20 (1), 61-68, 2020, AA Pertiwi, F Rizal, 2020

Design and technology teacher in TVET: A view on thinking style and inventive problem-solving skill. Journal of Technical Education and Training 12 (1), 2020, TT Kiong, S Saien, F Rizal, MH Yee, MM Mohamad, W Othman, ..., 2020

The Evaluation of Model School Programs at SMPN 4 Padang west Sumatera Province. International Journal of Educational Dynamics 3 (1), 71-80, 2020, I Irawati, A Ambiyar, F Rizal, 2020

Research of the Last 5 Years

Pengembangan Model E-authentic Asessment Berbasis Problem Based Learning Menggunakan Expert System. Penelitian Khusus Guru Besar, Leader: Wakhinuddin Simatupang, Implementation Year: 2022

Frist Year : Vocational Online Learning Framework Development In Era New Normal For Malaysian And Indonesian Tvet Teachers. Second Year : Integration And Implementation Of Online Learning For Malaysian And Indonesian Tvet Educators. Pppt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Pengembangan, Leader: Ambiyar, Implementation Year: 2021

Pengembangan Model Program Pengalaman Lapangan Industri (Pli) Berbasis Revolusi Industri 4.0. Penelitian Disertasi Doktor, Leader: Nizwardi Jalinus, Implementation Year: 2021

Pengembangan Media Trainer Plc "four In One" Di Sekolah Menengah Kejuruan. Penelitian Tesis Magister, Leader: Fahmi Rizal, Implementation Year: 2020

Community Service of the Last 5 Years

Pelatihan Konstruksi Rumah Aman Gempa Untuk Meningkatkan Pemahaman Masyarakat Kampung Siaga Bencana (ksb) Di Kanagarian Kubang Putih, Kabupaten Agam. Program Kemitraan Masyarakat (pkm), Leader: Annisa Prita Melinda, Implementation Year: 2022

Pelatihan Pembuatan Assignment Online Berbasis Tpack Untuk Menilai Hasil Belajar Siswa Prodi Tkr Dan Tbsm - Smk Pada Masa Pandemi Covid 19 Di Smkn 1 Sumatera Barat Dan Upt Blpt Padang. Program Kemitraan Masyarakat (pkm), Leader: Wakhinuddin Simatupang, Implementation Year: 2021

Penyuluhan Dan Pendampingan Dalam Penyusunan Rencana Induk Pembangunan Pariwisata Di Nagari Ranah Pantai Cermin Kecamatan Sangir Batang Hari Kabupaten Solok Selatan Menjadi Nagari Wisata. Program Pengembangan Nagari Binaan (ppnb), Leader: Faisal Ashar, Implementation Year: 2020

IPR's of the Last 5 Years

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Book of the Last 5 Years

Teknik ringkas pengujian beton. ISBN: 9786239754242, Publisher: CV Cipta Media Nusantara, Year: 2021

Pengembangan model based learning INAA dalam pembelajaran asuhan kebidanan II pada program studi kebidanan. ISBN: 9786025222887, Publisher: STIKes Hang Tuah Pekanbaru, Year: 2020

Modul pekerjaan finishing batu beton. ISBN: 9786237645252, Publisher: Yayasan Kita Menulis, Year: 2020
