



## CURRICULUM VITAE

**Dr. Muhammad Anwar, S.Pd., M.T.**

**Faculty:** Fakultas Teknik

**Study Programs:** Pendidikan Teknik Elektronika

**Email: , Phone:**

### Biography

#### Scopus of the Last 5 Years

Global Publication Trends in Augmented Reality and Virtual Reality for Learning: The Last Twenty-One Years. International Journal of Engineering Pedagogy, Samala A.D., 2023

Blended Learning Based Project In Electronics Engineering Education Courses: A Learning Innovation after the Covid-19 Pandemic. International Journal of Interactive Mobile Technologies, Anwar M., 2022

The Empirical Analysis of Industrial Work Challenges in the Industrial Revolution 5.0 Towards a Grade Point Average (GPA) for Electronic Engineering Education Students. International journal of online and biomedical engineering, Hidayat H., 2021

#### Web of Science (WoS) of the Last 5 Years

The Empirical Analysis of Industrial Work Challenges in the Industrial Revolution 5.0 Towards a Grade Point Average (GPA) for Electronic Engineering Education Students. INTERNATIONAL JOURNAL OF ONLINE AND BIOMEDICAL ENGINEERING, Hidayat, H; Tasrif, E; Jaya, P; Anwar, M; Thamrin; Zulwisli; Hadi, A; Budayawan, K; Husin, M; Asmara, D;, 2021

#### Google Scholar of the Last 5 Years

Pengembangan media pembelajaran kewirausahaan online untuk mahasiswa universitas negeri padang. JRTI (Jurnal Riset Tindakan Indonesia) 7 (2), 77-83, 2022, E Mustafa, S Sukardi, A Yulastri, M Anwar, 2022

Perancangan Media Pembelajaran Interaktif Berbasis Macromedia Flash pada Mata Pelajaran Dasar Listrik dan Elektronika. Voteteknika (Vocational Teknik Elektronika dan Informatika) 10 (1), 1-7, 2022, A Kurniawan, M Anwar, 2022

Blended Learning Based Project In Electronics Engineering Education Courses: A Learning Innovation after the Covid-19 Pandemic.. International Journal of Interactive Mobile Technologies 17 (14), 2022, M Anwar, H Hidayat, IP Yulistiowarno, K Budayawan, OA Osumah, Z Ardi, 2022

Object Detection with a Webcam Using the Python Programming Language. Journal of Applied Engineering and Technological Science (JAETS) 2 (2), 103-111, 2021, AB Pulungan, Z Nafis, M Anwar, 2021

The Empirical Analysis of Industrial Work Challenges in the Industrial Revolution 5.0 Towards a Grade Point Average (GPA) for Electronic Engineering Education Students.. *International Journal of Online & Biomedical Engineering* 17 (9), 2021, H Hidayat, E Tasrif, P Jaya, M Anwar, A Hadi, K Budayawan, M Husin, ..., 2021

---

Rancang Bangun Tes Minat dan Bakat Menggunakan Teori Multiple Intelligences dan Metode Certainty Factor. *Voteteknika (Vocational Teknik Elektronika dan Informatika)* 9 (3), 32-43, 2021, ZR Dia, Y Hendriyani, M Anwar, 2021

---

Design of trainer kit as a fault-finding based on electricity and electronics learning media. *Jurnal Pendidikan Vokasi* 11 (2), 191-202, 2021, M Anwar, MB Triyono, T Ta'ali, H Hidayat, VN Syahputeri, 2021

---

TVET Leadership in the Education 4.0: Characteristics, Opportunities and Challenges. *Jurnal Pendidikan Tambusai* 5 (3), 8079-8091, 2021, YA Fiandra, N Jalinus, R Refdinal, M Anwar, W Waskito, 2021

---

Designing an expert system for determining student learning styles using forward chaining in engineering education. *Jurnal Konseling dan Pendidikan* 9 (2), 2021, M Anwar, 2021

---

Analysis of vocational interests and student's perception of work-based on society 5.0 towards learning outcomes. *JPPI (Jurnal Penelitian Pendidikan Indonesia)* 7 (1), 57-64, 2021, M Anwar, 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

---

Application of Flipped Blended Learning Model at SMK 2 Payakumbuh. 8th International Conference on Technical and Vocational Education and ... , 2021, R Abdullah, N Jalinus, U Verawardina, M Anwar, D Ramadhani, AL Lubis, 2021

---

Prediction of the graduation rate of engineering education students using Artificial Neural Network Algorithms. *International Journal of Research in Counseling and Education* 5 (1), 2021, M Anwar, 2021

---

Perancangan dan Pembuatan Alat Pelarut Pcb Secara Otomatis Menggunakan Sistem Kontrol Berbasis Mikrokontroler ATMEGA 32. *VoteTEKNIKA: Jurnal Vocational Teknik Elektronika dan Informatika* 9 (2), 1-8, 2021, D Sonda, M Anwar, 2021

---

Perancangan Aplikasi Penentuan Pilihan Prodi Masuk Perguruan Tinggi Menggunakan Metode Forward Chaining. *VoteTEKNIKA: Jurnal Vocational Teknik Elektronika dan Informatika* 9 (1), 129-136, 2021, O Delvira, M Anwar, 2021

---

Perancangan Aplikasi Pemilihan Dosen Pembimbing Tugas Akhir dengan Metode Analytical Hierarchy Process. *VoteTEKNIKA: Jurnal Vocational Teknik Elektronika dan Informatika* 9 (1), 67-74, 2021, OS Rahma, M Anwar, 2021

---

Rancang Bangun Aplikasi Augmented Reality pada Komponen Komputer sebagai Media Pembelajaran Berbasis Mobile. *Ranah Research: Journal of Multidisciplinary Research and Development* 3 (2) ..., 2021, R Handriyatma, M Anwar, 2021

---

Analysis of Problem-Solving Skills of Vocational Teacher Candidates in Terms of Several Variables. *Journal of Education Technology* 5 (1), 132-136, 2021, M Anwar, 2021

---

Problem Solving Skills Analysis of Vocational Engineering Teacher Candidates in Term of Several Variables. *Journal of Education Technology* 5 (1), 2021, M Anwar, 2021

---

Perancangan Modul Pembelajaran Berbasis HOTS dengan Mini Project Design pada Mata Pelajaran Penerapan Rangkaian Elektronika. *JRTI (Jurnal Riset Tindakan Indonesia)* 6 (2), 218-225, 2021, W Harianja, M Anwar, 2021

---

THE CONTRIBUTION OF PRINCIPAL LEADERSHIP STYLE, TEACHERS' PROFESSIONAL COMPETENCE AND SCHOOL CLIMATE ON THE QUALITY OF LEARNING OUTCOMES AT VOCATIONAL HIGH SCHOOL IN PADANG. JURNAL PENDIDIKAN TEKNOLOGI KEJURUAN 3 (1), 26-30, 2020, PP Sari, G Ganefri, M Anwar, 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

The Contribution of Principal's Leadership Style, Teacher Competence, and School Climate Toward Students' Learning Outcomes. JPI (Jurnal Pendidikan Indonesia) 9 (3), 508-516, 2020, PP Sari, G Ganefri, M Anwar, 2020

Pengembangan Modul Pembelajaran Berbasis Proyek pada Mata Pelajaran Simulasi dan Komunikasi Digital SMK. Pedagogi: Jurnal Ilmu Pendidikan 20 (1), 33-42, 2020, Z Zekri, G Ganefri, M Anwar, 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

PERANCANGAN APLIKASI PENJUALAN MOBIL BEKAS DI CV SINGGALANG MOTOR PADANG BERBASIS WEB. VoteTEKNIKA: Jurnal Vocational Teknik Elektronika dan Informatika 7 (4), 263-270, 2020, R Aprilia, M Anwar, 2020

Design of Decision Support System in Determining the Single Student Tuition Fee in Higher Education. COUNSE-EDU: The International Journal of Counseling and Education 5 (4), 2020, M Anwar, E Sabrina, 2020

STRATEGI BRAINSTORMING TERHADAP KETERAMPILAN BERPIKIR KREATIF. VoteTEKNIKA: Jurnal Vocational Teknik Elektronika dan Informatika 7 (4), 11-19, 2020, L Susianti, M Anwar, 2020

Kontribusi Self Efficacy Dan Self Regulated Terhadap Kesiapan Kerja Siswa Kelas Xii Teknik Audio Vidio Smk N 1 Padang. Jurnal Kapita Selektâ Geografi 2 (10), 1-15, 2019, M Anwar, 2019

Analisis Tingkat Kepuasan Sistem Informasi Pencatatan dan Penagihan Biaya Rekening Air Pelanggan PDAM Menggunakan Metode End User Computing Satisfaction (EUCS). Jurnal Teknologi Informasi dan Pendidikan 12 (1), 19-24, 2019, M Anwar, M Azisan, 2019

Evaluation of Digital Simulation Learning Based E-Learning in Smk Negeri 2 Padang. International Journal of Educational Dynamics 2 (1), 188-198, 2019, Z Ardi, S Syahril, M Anwar, 2019

PENGEMBANGAN MODUL BAGI SISWA TEKNIK KOMPUTER JARINGAN PADA MATA PELAJARAN PEMROGRAMAN DASAR. VoteTEKNIKA: Jurnal Vocational Teknik Elektronika dan Informatika 7 (2), 111-117, 2019, R Nofrianti, MA Anwar, 2019

Pengaruh Penerapan Strategi Belajar Aktif Tipe Everyone Is A Teacher Here (ETH) Terhadap Hasil Belajar Mata Pelajaran Memperbaiki CD Player Siswa Kelas XI Audio Video di SMKÂ .... Jurnal Kapita Selektâ Geografi 2 (4), 200-207, 2019, JM Haq, M Anwar, 2019

### Research of the Last 5 Years

Perancangan Trainer Praktikum Elektronika Menerapkan Metode Fault Finding Untuk Meningkatkan Problem Solving Skills. Penelitian Terapan, Leader: Muhammad Anwar, Implementation Year: 2020

Pengendalian Suhu Dan Kelembaban Greenhouse Berbasis Logika Fuzzy Pada Proses Perbanyakan Bibit Buah Tin Dengan Metode Stek Batang. Penelitian Unggulan Perguruan Tinggi Terapan, Leader: Zulwisli, Implementation Year: 2019

---

### Community Service of the Last 5 Years

Pkm Bank Sampah Sasupi Di Nagari Tujuh Koto Talago Kec. Guguak, Kab. Limapuluh Kota. Program Kemitraan Masyarakat (pkm), Leader: Muhammad Anwar, Implementation Year: 2020

---

Peningkatan Kemampuan Teknisi â??bengkel Erizalâ?• Dan â??bengkel Kamiyabiâ?• Untuk Memperbaiki Sepeda Listrik Melalui Pengembangan Inverter Tiga Fasa Berbasis Arduino. Program Kemitraan Masyarakat (pkm), Leader: Zulwisli, Implementation Year: 2019

---

### IPR's of the Last 5 Years

Modul Trainer Kit Dasar Listrik Dan Elektronika Berbasis Fault Finding. Inventor: , Publication Date: 2021-11-02

---

Sistem Pendukung Keputusan Uang Kuliah Tunggal (UKT) Fakultas Teknik UNP. Inventor: , Publication Date: 2021-05-28

---

### Book of the Last 5 Years

Karir dan dasar-dasar pengembangan web. ISBN: 9786021178799, Publisher: UNP Press, Year: 2021

---

Fundamental website. ISBN: 9786237018643, Publisher: Sukabina Press, Year: 2021

---