



## CURRICULUM VITAE

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### Biography

#### Scopus of the Last 5 Years

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### Research of the Last 5 Years

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Pengembangan Aplikasi Augmented Reality Untuk Pembelajaran Matematika Terintegrasi Etnomatematika Dengan Pendekatan Realistic Mathematics Education. Penelitian Pendidikan Magister Menuju Doktor Untuk Sarjana Unggul, Leader: Ahmad Fauzan, Implementation Year: 2023

Pengembangan Model Pembelajaran Problem Posing Berorientasi Stem Untuk Meningkatkan Kemandirian Dan Kemampuan Problem Solving Mahasiswa Pada Mata Kuliah Kalkulus. Penelitian Disertasi Doktor, Leader: Ahmad Fauzan, Implementation Year: 2022

Pengembangan Aplikasi Augmented Reality Untuk Pembelajaran Matematika Terintegrasi Etnomatematika Dengan Pendekatan Realistic Mathematics Education. Penelitian Pendidikan Magister Menuju Doktor Untuk Sarjana Unggul, Leader: Ahmad Fauzan, Implementation Year: 2022

Pengembangan Perangkat Pembelajaran Berbasis Flipped Classroom Tipe Peer Instruction Untuk Meningkatkan Kemampuan Pemecahan Masalah Siswa Kelas VII. Penelitian Tesis Magister, Leader: Yulyanti Harisman, Implementation Year: 2022

Pengembangan Desain Pembelajaran Matematika Untuk Kelas Rangkap Berbasis Realistic Mathematic Education Guna Meningkatkan Kemampuan Pemecahan Masalah Matematis Dan Kemandirian Belajar. Penelitian Disertasi Doktor, Leader: Ahmad Fauzan, Implementation Year: 2021

Pengembangan Model Pembelajaran Matematika Berbasis Etnomatematika Dan Realistic Approach Untuk Meningkatkan Kemampuan Hots Dan Rasa Nasionalisme Siswa Sd Di Aceh. Penelitian Kerjasama Antar Perguruan Tinggi, Leader: Arief Aulia Rahman, Implementation Year: 2021

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Pengembangan Buku Teks Matematika Berbasis Mathematical Cognition Untuk Meningkatkan Numerical Reasoning Siswa Sd. Penelitian Kerjasama Pt Luar Negeri Dasar, Leader: Ahmad Fauzan, Implementation Year: 2020

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Eksplorasi Ethnomathematics Pada Rumah Gadang Minangkabau Untuk Mendisain Pembelajaran Matematika Berbasis Realistic Mathematics Education Di Smp. Penelitian Khusus Guru Besar, Leader: Ahmad Fauzan, Implementation Year: 2020

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Pengembangan Perangkat Pembelajaran Matematika Untuk Smp Berbasis Ethnomathematics Rumah Gadang Minang Kabau. Penelitian Tesis Magister, Leader: Ahmad Fauzan, Implementation Year: 2020

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Pengembangan Model Pembelajaran Protectiv (project, Technology, And Active) Untuk Meningkatkan Keterampilan Mahasiswa Pada Pendidikan Abad 21. Penelitian Disertasi Doktor, Leader: Yohandri, Implementation Year: 2020

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Pengembangan Perangkat Pembelajaran Matematika Berbasis Konflik Kognitif Untuk Meremediasi Miskonsepsi Siswa Smp. Penelitian Tesis Magister, Leader: Ahmad Fauzan, Implementation Year: 2020

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Pengembangan Model Pembelajaran Matematika Bisnis Berbasis Newspaper Literacy (pmb-bnl) Di Perguruan Tinggi. Penelitian Disertasi Doktor, Leader: Nurhizrah Gistituati, Implementation Year: 2019

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Pengembangan Disain Pembelajaran Berbasis Rme Topik Pengujian Hipotesis Untuk Meningkatkan Kemampuan Penalaran Statistik Mahasiswa. Penelitian Disertasi Doktor, Leader: Ahmad Fauzan, Implementation Year: 2019

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### Community Service of the Last 5 Years

Peningkatan Kemampuan Guru Sekolah Dasar Kkg Gugus 5 Bayang Dalam Merancang Pembelajaran Matematika Berbasis Realistic Mathematics Education (rme). Program Kemitraan Masyarakat (pkm), Leader: Fridgo Tasman, Implementation Year: 2021

Peningkatan Kemampuan Berfikir Kritis Dan Kreatif Guru Matematika Sma Sumatera Barat Melalui Perancangan Pembelajaran Matematika Dengan Geogebra. Program Kemitraan Masyarakat (pkm), Leader: Fridgo Tasman, Implementation Year: 2020

Peningkatan Kemampuan Berhitung Dan Bernalar Siswa Melalui Pelatihan Berbasis Mathematical Cognition Untuk Guru-guru Sd Di Kota Padang. Program Kemitraan Masyarakat (pkm), Leader: Ahmad Fauzan, Implementation Year: 2020

Peningkatan Kemampuan Guru Matematika Dan Sains Smp Di Sumatera Barat Dalam Merancang Soal-soal Tipe Pisa. Program Kemitraan Masyarakat (pkm), Leader: Ahmad Fauzan, Implementation Year: 2019

Peningkatan Kemampuan Guru Matematika Smp Di Kota Padang Dalam Merancang Soal-soal Untuk Mengases Higher Order Thinking Skills (hots). Program Kemitraan Masyarakat (pkm), Leader: Fridgo Tasman, Implementation Year: 2019

### IPR's of the Last 5 Years

Model SPACE (Simulation, Posing, Action, Communication, Evaluation) Berorientasi STEM Untuk Meningkatkan Kemandirian Dan Kemampuan Problem Solving Pada Mata Kuliah Kalkulus Diferensial. Inventor: Khairudin, Ahmad Fauzan dkk, Publication Date: 2023-01-14

Lembar Kerja Peserta Didik (LKPD) Topik Mengenal Bilangan Berbasis Mathematical Cognition Untuk Siswa Kelas 1 SD/MI. Inventor: Arrum Meirisa dan Prof. Dr. Ahmad Fauzan, M.Pd., M.Sc., Publication Date: 2023-02-14

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Buku Guru Berbasis RME Geometri Di Sekolah Dasar. Inventor: Dr. Jesi Alexander Alim, M.Pd; Prof. Dr. Ahmad Fauzan, M.Pd., M.Sc; Prof. Dr. I Made Arnawa, M.Si; Dr. Edwin Musdi, M.Pd; Cici Oktaviani, Publication Date: 2020-06-01

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## Book of the Last 5 Years

Model SPACE (simulation, posing, action, communication, evaluation) berorientasi STEM untuk meningkatkan kemandirian dan kemampuan problem solving pada mata kuliah kalkulus diferensial. ISBN: 9786234205084, Publisher: CV. Penerbit Lakeisha, Year: 2022

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