CURRICULUM VITAE

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Biography

Alizar, S.Pd, M.Sc, Ph.D received his PhD degree in 2012 in the area of optical and electrochemical biosensor from the School of Chemical Sciences and Food Technology, Faculty of Science & Technology, Universiti Kebangsaan Malaysia under the supervision of Professor Dr. Lee Yook Heng and Professor Dr. Musa Ahmad. In year 2007, he received his master of science in chemical science (chemical sensor) from Universiti Kebangsaan Malaysia. After completing his PhD, he worked as a postdoctoral researcher at the Universiti Kebangsaan Malaysia. from 2014 until now he has joined the chemistry department of FMIPA Universitas Negeri Padang as a senior lecturer

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The Construction of Castor Oil (Ricinus communis L) Polyurethane Membrane Embedded 1,10-phenanthroline Graphene as a Cr^{3+} Ion Selective Membrane. Journal of the Electrochemical Society, Safitri E., 2025

Voltammetric genosensor from silica nanocomposites for transgenic soybean analysis. Journal of Food Composition and Analysis, Tan L.L., 2025

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Research of the Last 5 Years

Pengembangan Dan Karakterisasi Molecularly Imprinted Polymer Silika Nanomaterial Dari Bahan Alam Sebagai Bahan Biosensor Dan Sensor Kimia. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Alizar, Implementation Year: 2022

Pengembangan Sensor Glukosa Portabel Dengan Display Smartphone Android Berbasis Bahan Nano Material. Ptpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Terapan, Leader: Yulkifli, Implementation Year: 2021

Desain Dan Karakterisasi Nanomaterial Conducting Molecularly Imprinted Polymer (c-mips) Sebagai Bahan Dasar Biosensor/sensor Kimia. Pdpt-penelitian Dasar, Leader: Alizar, Implementation Year: 2021

Sintesis Dan Karakterisasi Nanomaterial Sebagai Bahan Sensor Sianida. Penelitian Dasar, Leader: Alizar, Implementation Year: 2021

Pengembangan Dan Karakterisasi Molecularly Imprinted Polymer Silika Nanomaterial Dari Bahan Alam Sebagai Bahan Biosensor Dan Sensor Kimia. Pdpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Dasar, Leader: Alizar, Implementation Year: 2021

Sintesis Nanomaterial Molecularly Imprinted Polymers (mips) Dengan Metode Potopolimerisasi Dan Karakterisasinya Untuk Bahan Biosensor & Sensor Kimia. Penelitian Dasar Unggulan Perguruan Tinggi, Leader: Alizar, Implementation Year: 2020

Desain Dan Karakterisasi Nanomaterial Conducting Molecularly Imprinted Polymer (c-mips) Sebagai Bahan Dasar Biosensor/sensor Kimia. Penelitian Dasar, Leader: Alizar, Implementation Year: 2020

Desian Biosensor/sensor Elektrokimia Berasaskan Mips Dan Screen Printed Electrode (spe) Untuk Deteksi Kolesterol. Penelitian Kerjasama Pt Luar Negeri Dasar, Leader: Alizar, Implementation Year: 2020

Sintesis Dan Karakterisasi Nanomaterial Sebagai Bahan Sensor Sianida. Penelitian Dasar, Leader: Alizar, Implementation Year: 2020

Pengembangan Sensor Glukosa Portabel Dengan Display Smartphone Android Berbasis Bahan Nano Material. Penelitian Kerjasama Pt Luar Negeri Terapan, Leader: Yulkifli, Implementation Year: 2020

Community Service of the Last 5 Years

Pelatihan Pembuatan Media Pembelajaran Ppt-ispring Berbasis Ict Dengan Penekanan Pada Tiga Level Representasi Kimia Bagi Guru Kimia Smk Dan Sma N Kabupaten Padang Pariaman. Program Kemitraan Masyarakat (pkm), Leader: Minda Azhar, Implementation Year: 2021

Pelatihan Pengembangan Media Pembelajaran Powerpoint-ispring Berbasis Ict Dengan Penekanan Pada Tiga Level Representasi Untuk Guru Fisika, Kimia Dan Biologi Man 2 Kota Padang. Program Kemitraan Masyarakat (pkm), Leader: Minda Azhar, Implementation Year: 2020

Penerapan Model Pembelajaran Flipped Classroom Berbasis Guided Inquiry (fgil) Pada Pembelajaran Kimia Sma Di Kota Bukittinggia Sebagai Model Untuk Pembelajaran Digital Di Era Revolusi Industri 4.0. Program Pengembangan Produk Unggulan Pt (p3upt), Leader: Mawardi, Implementation Year: 2023

Penanggulangan Bahan Kimia Tidak Terpakai Dan Kadaluarsa Di Laboratorium Sma Negeri 1 Vii Koto Sungai Sarik Padang Pariaman. Program Kemitraan Masyarakat (pkm), Leader: Alizar, Implementation Year: 2023

IPR's of the Last 5 Years

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Book of the Last 5 Years

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