



## 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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Pemodelan Dan Karakterisasi Electronic Load Controller Generator Induksi Untuk Pembangkit Listrik Tenaga Piko Hidro. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Krismadinata, Implementation Year: 2022

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Ground-water Air Heat Exchanger Sebagai Pendingin Pasif Pada Sistem Ventilasi. Penelitian Dasar Kompetitif Nasional, Leader: Remon Lapisa, Implementation Year: 2022

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Integrated Solar Thermal-induced Ventilation With Thermoelectric Generator Untuk Efisiensi Energi Dan Kenyamanan Bangunan. Pdpt-penelitian Dasar, Leader: Remon Lapisa, Implementation Year: 2021

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Analisis Pengaruh Disain Atap Terhadap Kenyamanan Termal-visual Bangunan Tersier. Pdpt-penelitian Dasar, Leader: Remon Lapisa, Implementation Year: 2021

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Pemodelan Dan Karakterisasi Electronic Load Controller Generator Induksi Untuk Pembangkit Listrik Tenaga Piko Hidro. Pdpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Dasar, Leader: Krismadinata, Implementation Year: 2021

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Aplikasi Integrasi Pembangkit Listrik Tenaga Surya Dengan Pemanas Surya Untuk Rumah Hemat Energi. Penelitian Terapan Unggulan Perguruan Tinggi, Leader: Krismadinata, Implementation Year: 2020

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Manajemen Energi Bangunan Berbasis Internet Of Thing. Penelitian Dasar, Leader: Krismadinata, Implementation Year: 2020

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Analisis Pengaruh Disain Atap Terhadap Kenyamanan Termal-visual Bangunan Tersier. Penelitian Dasar, Leader: Remon Lapisa, Implementation Year: 2020

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### **Community Service of the Last 5 Years**

Rancang Bangun Pembangkit Listrik Tenaga Piko Hidro Sebagai Sumber Energi Berkelanjutan Ramah Lingkungan Bagi Masyarakat Ngalau Baribuik Batu Gadang Padang. Program Pengembangan Nagari Binaan (ppnb), Leader: Remon Lapisa, Implementation Year: 2022

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Peningkatan Rasio Elektrifikasi Masyarakat Mendapatkan Layanan Listrik Di Ngalau Baribuik Kecamatan Lubuk Kilangan Kota Padang. Program Pengembangan Nagari Binaan (ppnb), Leader: Irma Husnaini, Implementation Year: 2022

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Pkm Up-skilling Dan Re-skilling Kompetensi Mgmp Sumatera Barat Dalam Mendisain Gambar Teknik Mesin Menggunakan Software Inventor. Program Kemitraan Masyarakat (pkm), Leader: Arwizet Karudin, Implementation Year: 2021

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Peningkatan Efektifitas Bahan Bakar Dan Waktu Perebusan Daun Gambir Melalui Inovasi Alat Perebus Daun Gambir Sistem Presto Di Kenagarian Kampung Baru Korong Nan Ampek Kecamatan Koto Xi Tarusan Pesisir Selatan. Program Kemitraan Masyarakat (pkm), Leader: Remon Lapisa, Implementation Year: 2021

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## IPR's of the Last 5 Years

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## Book of the Last 5 Years

Turbin air : pengantar dan aplikasinya di lapangan. ISBN: 9786021178638, Publisher: UNP Press, Year: 2020

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