



Dr. Bukhari, S.Si, MT

Position	Quantum Physics, Nuclear Physics, Reactor Physics, Medical Physics, Instrumentation, Physical Property (Physics Department: Bachelor Degree of Electronic Engineering Study Programme; Bachelor Degree and Master Degree of Physics Study Programme)
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Academic Career	<p>Doctorate course: Universitas Syiah Kuala (USK), Indonesia- Mathematics and Applied Science Department (2007-2010);</p> <p>Magister Course: Universitas Indonesia (UI), Indonesia -Physics Department (2003-2005);</p> <p>Bachelor Course: Universitas syiah Kuala (USK), Indonesia - Physics Department (1993-1997)</p>
Employment	Assistant Professor of Physics Dept., FMIPA, USK (2000 – present), Secretary of Physics Dept. FMIPA USK (1999-2003); Head of optic, spectroscopy and wave laboratory at Physics Dept., FMIPA, USK (2020- present)
Research and development projects (last 5 years)	<ol style="list-style-type: none"> Aplikasi Geofisika Terintegrasi untuk Pemetaan Bidang Gelincir sebagai Upaya Mitigasi Bencana Longsor di Sepanjang Jalan Banda Aceh - Calang (2021)
Collaborations (last 5 years)	PT PELINDO - internship programme PT Bangun Solusi Andalas - internship programe Kyoto University
Patents and proprietary rights	-
Selective Publications (last 5 years)	<ol style="list-style-type: none"> Bukhari Ali, Muhammad Nanda, Muzakir Zainal, Muhammad Yanis, Muhammad Syukri (2024) Application of ERT, IP and VLF-EM Methods to Investigate Landslide-Prone Structures at Archaeological Sites in Lamreh, Aceh Besar, Indonesia, <i>TRENDS IN SCIENCES</i> 2024 21 (3), 7221 M Muhajirin, N Ismail, Bukhari (2020) The Computation of Residual and Regional Anomaly of Gravity Method Data By Polynomial Filter Using Microsoft Excel, <i>Journal of Aceh Physics Society</i> 9 (2), 37-41 MS Surbakti, Bukhari, N Ismail, N Idris, M Isa, E Yusibani, Zakaria (2020) Physical model of discontinuity response in landslide application using geometry normalized electromagnetic system (GNES), <i>AIP Conference Proceedings</i> 2221 (1), 100009 Bukhari, AD Saputra, AH Pramana, F Abdullah, M Yanis, N Ismail (2017) IDENTIFIKASI STRUKTUR BERPOTENSI LONGSOR BERDASARKAN MODEL RESISTIVITAS LISTRIK 2D, <i>Prosiding semirata Bidang MIPA BKS-PTN Wilayah Barat Jambi</i> M Yanis, Marwan, Bukhari, N Ismail (2016) THE DIFFERENT MAGNETIC RESULTS OF ANEMI AND PPM MEASUREMENTS ON THE BURIED REMAINS OF A 13TH CENTURY FORTRESS, <i>Jurnal Natural</i> 16 (2) Mursal, Irhamni, Bukhari (2016) Pengaruh Waktu Penahanan Terhadap Karakteristik Lapisan Tipis ZnO Yang Dideposisi Dengan Teknik Sol-Gel Spin Coating, <i>Jurnal Teori dan Aplikasi Fisika</i> 4, 213-220 N Ismail, M Yanis, S Idris, F Abdullah, Bukhari Hanafiah (2015) Near-Surface Fault Structures of the Seulimuem Segment Based on Electrical Resistivity Model, <i>Journal of Physics: Conference Series</i>, 1551-7616
Membership	Physical Society of Indonesia (PSI) (2020/2025)
External Link	https://fisika.usk.ac.id/bukhari-s-si-mt/