



Teuku Khairuman, S.Si, M.Si

Position	Electronic industry (Bachelor Degree of Electronic Engineering Study Programme) Artificial intelligence, Algorithm and programming (Bachelor Degree of Physics Study Programme)
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Academic Career	Magister Course: Institut Teknologi Bandung (ITB), Indonesia - Physics Department (1998-2000); Bachelor Course: Universitas syiah Kuala (USK), Indonesia - Physics Department (1993-1997)
Employment	Assistant Professor of Physics Dept., FMIPA, USK (1999 – present), Head of Electronic and Instrumentation laboratory at Physics Dept., FMIPA, USK (2007-2010)
Research and development projects (last 5 years)	-
Collaborations (last 5 years)	-
Patents and proprietary rights	-
Selective Publications	<ol style="list-style-type: none"> 1. E Yusibani, T Khairuman (2016) Reference On Thermophysical Properties: Density And Viscosity Of Water For Atmospheric Pressure, <i>Jurnal Natural</i>, 16, 16-19, 1411-8513. 2. Syahrul Purnawan, Fauzan Aulia, Teuku Khairuman (2016) Using Landsat-8 Imagery Data on Mapping of The Seagrass Distribution in Matahari Island, Pulau Banyak District, Aceh Province, Indonesia, <i>Aceh International Journal of Science and Technology</i>, 5, 63-68, 2503-2348. 3. Farhan Ramadhani, Syahrul Purnawan, Teuku Khairuman (2016) Analysis of the Suitability of Water Parameters to Pond Commodities Using Geographic Information System (GIS) in Pidie Jaya, <i>Jurnal Ilmiah Mahasiswa Kelautan Perikanan Unsyiah</i>, 1, 160-168, 2527-6395. 4. Marwan Ramli, Said Mundzir, T. Khairuman, and Vera Halfiani (2014) Amplitude Increasing Formula of Bichromatic Wave Propagation Based On Fifth Order Side Band Solution of Korteweg de Vries Wquation, <i>Far East Journal of Mathematical Sciences</i>, 93, 97-117, 0972-0871. 5. Irwansyah, Teuku Khairuman, Nazli Ismail (2013) Design of Inversion Modeling 1-D Gravity Data Using a Method of Singular Value Decomposition (SVD) Based on Matlab, <i>Journal of Aceh Physics Society</i>, 2, 5-6, 2355-8299.
Membership	Physical Society of Indonesia (PSI) (2020/2025)
External link	https://fisika.usk.ac.id/t-khairuman-s-sim-si/