



# DR. ABDUL HAKIM, M.PD

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## RESEARCH INTEREST

- High Order Thinking Skills of Science
- Science Literacy
- Multimedia
- Sustainable Education

## PUBLICATION AND CONFERENCE EXPERIENCE

### Recent Publications and Patents

- Sunggingwati, D., Sudarman, S., **Hakim, A.**, & Haviluddin, H. (2022). Shared Voices of Indonesian Teacher-Educators from Virtual Research-Workshop-Series: Reflection on COVID-19 Pandemic Driven Professional Development. 27 (7). 1220-1238.
- Herawati, H., **Hakim, A.** & Nurhadi, M. (2020). The Effectiveness of Inquiry-Based Learning with Multiple Representation to Improve Critical Thinking Skill in Learning Electrochemistry. AIP Conference Proceedings, 2215(1) 7.
- Sari, E.E., Usman, U. & **Hakim, A.** (2020). Effectiveness of Using Google Forms in the Problem Based-Learning Model to Increase the Critical Thinking Ability of High-School Students. 2nd
- **Hakim, A.**, Liliarsari, A., Setiawan, A. & Saptawati, G.A.P. (2017). Interactive Multimedia Thermodynamics to Improve Creative Thinking Skill of Physics Prospective Teachers. Jurnal Pendidikan Fisika Indonesia, 13(1), 33-40.
- **Hakim, A.**, Liliarsari, A., Sefiawan, A. & Amir, M. (2019). Thermodynamics Interactive Multimedia to Improve Physics Prospective Teacher's Generic Science Skills. Journal of Physics: Conference Series, 1157(3), 1-5.
- Educational Sciences International Conference (ESIC 2019), 432.
- Qadar, R., Simanjuntak, E. & **Hakim, A.** (2019) Pembelajaran Fluida Berbasis Proyek untuk Meningkatkan Keterampilan Berpikir Kreatif Siswa SMA. Vidya Karya ULM, 34(1), 6-14.

### Conferences

- The Implementation of Problem Based Learning to Increase Creative Thinking Skill Students (FKIP UNMUL, 2019)
- Thermodynamics interactive multimedia to improve physics prospective teacher's generic science skills (SPs UPI, 2018)

## INDUSTRY AND COMMUNITY COLLABORATIONS

- Pendalaman Materi IPA Bagi Guru SD Se-Tenggarong Seberang (Tenggarong Seberang, 2020)
- Fasilitator Pelatihan Pembelajaran Aktif Bagi Dosen-Dosen LPTK Mitra-Modul II (Samarinda, 2020)
- Fasilitator Pelatihan Pembelajaran Aktif dan Manajemen Berbasis Sekolah Bagi Dosen-Dosen LPTK Mitra (Samarinda, 2019)

## CONTACT

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## FORMAL EDUCATION

Bachelor of Physics Education:  
**Universitas Negeri Makassar,  
Indonesia, Graduated 2005**

Master of Physics Education :  
**Universitas Pendidikan Indonesia,  
Bandung, Indonesia Graduated 2010**

Doctor of Science Education:  
**Universitas Pendidikan Indonesia,  
Bandung, Indonesia, Graduated 2017**