



Malik Anjelh Baqiya, M.Si., Ph.D.

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Assistant Professor

EDUCATION

UNDERGRADUATE PROGRAM

University: Institut Teknologi Sepuluh Nopember (ITS), Indonesia
Year of Graduation: 2006
Research Field: Materials Physics

MASTER PROGRAM

University: Institut Teknologi Sepuluh Nopember (ITS), Indonesia
Year of Graduation: 2008
Research Field: Materials Physics

DOCTORAL PROGRAM

University: Tohoku University, Japan
Year of Graduation: 2015
Research Field: Superconductivity

AFFILIATION

Department of Physics
Faculty of Science and Data
Analytics
Institut Teknologi Sepuluh
Nopember (ITS)

LABORATORY

Laboratory of Advanced
Materials

CONTACT

📍 ITS Campus, Keputih,
Sukolilo, Surabaya 60111,
INDONESIA

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FIELD OF EXPERTISE

Condensed matter physics,
magnetic materials, ceramics
materials, nanomaterials,
superconductivity

PUBLICATION

SINTA:
<https://sinta.ristekbrin.go.id/authors/detail?id=5977279&view=overview>

SCOPUS:
<https://www.scopus.com/authid/detail.uri?authorId=36991836600>

GOOGLE SCHOLAR:
<https://scholar.google.co.id/citations?user=IRmrQK4AAAAJ&hl=en>

WORK EXPERIENCE

Lecturer – Department of Physics, ITS, Indonesia
Since. 2008 – present

Other Works Experiences

N/A

TEACHING EXPERIENCE

Courses for Undergraduate Program

Thermodynamics, Physics I and II, Physics of Semiconductors, Solid State Physics, Scientific Writing Methods, Mathematical Physics II

Courses for Master Program

Renewable Energy, Semiconductor Materials

Courses for Doctoral Program

Characterization and Material Analysis, Synthesis of Materials

DESCRIPTION

My research interest is focusing on single and nano-crystal syntheses for intrinsic physical properties in oxides and non-oxides, including High-Tc Superconductors and graphene oxides as well as their derivatives. The future topics are developing anti-radar materials and multiferroic films, and "green" synthesis, characterization, and applications of photovoltaic and renewable materials.