



Prof. Dr.rer.nat. Triwikantoro, M.Sc.

196601141990021001

Professor

EDUCATION

UNDERGRADUATE PROGRAM

University: Institut Teknologi Sepuluh Nopember (ITS), Indonesia
Year of Graduation: 1989
Research Field: Materials Physics

MASTER PROGRAM

University: Universitas Indonesia
Year of Graduation: 1994
Research Field: Materials Science

DOCTORAL PROGRAM

University: Dortmund University, Germany
Year of Graduation: 2001
Research Field: Materials Science

WORK EXPERIENCE

Lecturer – Department of Physics, ITS, Indonesia

Since. 1990 – present

Other Works Experiences

N/A

TEACHING EXPERIENCE

Courses for Undergraduate Program

Physics I and II, Metal Physics, Materials Science, Nuclear Physics, Composite Physics, Material Characterization, Metal Physics, Introduction to Physics of Materials, Corrosion

Courses for Master Program

Mechanics, Composite Materials, Metal Materials, Research Data Analysis, Classical Mechanics, Degradation of Materials

Courses for Doctoral Program

Material Characterization and Analysis, Material Synthesis, Material Structure and Properties, Characterization and Analysis

DESCRIPTION

The research being developed is the synthesis and characterization of the structure of the material, in particular related to the physical and electrochemical properties, as well as the performance of superior materials. The results of this research and development are used as the basis for teaching in accordance with the principles of Laboratory Base Education (LBE). Teaching is carried out in accordance with elective courses in the field of Materials starting from S1, S2 and S3 based on a prepared curriculum.

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

✉️ triwi@physics.its.ac.id

☎️ +62-31-5943351

FIELD OF EXPERTISE

Materials Science, Metal Physics,
Composites

PUBLICATION

SINTA:
<https://sinta.ristekbrin.go.id/authors/detail?id=6036474&view=overview>

SCOPUS:
<https://www.scopus.com/authid/detail.uri?authorId=36992631200>

GOOGLE SCHOLAR:
<https://scholar.google.co.id/citations?user=9FIP8IYAAAAJ&hl=en>