



## **Prof. Dr. Darminto, MS.**

196003031987011002

*Professor*

### **EDUCATION**

#### **UNDERGRADUATE PROGRAM**

University: Institut Teknologi Bandung, Indonesia

Year of Graduation: 1984

Research Field: Physics

#### **MASTER PROGRAM**

University: Institut Teknologi Bandung, Indonesia

Year of Graduation: 1987

Research Field: Physics

#### **DOCTORAL PROGRAM**

University: Institut Teknologi Bandung, Indonesia

Year of Graduation: 2001

Research Field: Physics

### **WORK EXPERIENCE**

#### **Lecturer – Department of Physics, ITS, Indonesia**

Since. 1987 – present

#### **Other Works Experiences**

Internship (University of Amsterdam, University of Tokyo), Post-doctoral research (University of Twente)

### **TEACHING EXPERIENCE**

#### **Courses for Undergraduate Program**

Quantum Physics, Materials Science, Capita Seleкта (Magnetic Materials), Physics II, Introduction to Renewable Energy

#### **Courses for Master Program**

Quantum Mechanics, Incompressible Substance Physics, Semiconductor materials, Renewable Energy, Condensed Matter Physics

#### **Courses for Doctoral Program**

The Quantum Theory of Solids, Capita Selecta I, Doktoral Seminar

### **DESCRIPTION**

Conduct research in materials science, natural substance physics, magnetic compounds and nanoscale and 2D materials. Currently, the focus of research is the development of carbon-based materials from environmentally friendly carbon sources and functional materials from natural resources for electronic and magnetic applications.

### **AFFILIATION**

Department of Physics

Faculty of Science and Data Analytics

Institut Teknologi Sepuluh Nopember (ITS)

### **LABORATORY**

Laboratory of Advanced Materials

### **CONTACT**

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### **FIELD OF EXPERTISE**

Superconductivity, magneto-electronics, nanoscale and 2-dimensional materials

### **PUBLICATION**

#### **SINTA:**

<https://sinta.ristekbrin.go.id/authors/detail?id=5975614&view=overview>

#### **SCOPUS:**

<https://www.scopus.com/authid/detail.uri?authorId=6602346156>

#### **GOOGLE SCHOLAR:**

<https://scholar.google.co.id/citations?user=K7Y4VH0AAAAJ&hl=id&oi=ao>