



## **Dr. Zaenal Arifin, M.Si.**

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*Assistant Professor*

### **EDUCATION**

#### **UNDERGRADUATE PROGRAM**

University: Institut Teknologi Sepuluh Nopember (ITS), Indonesia

Year of Graduation: 1990

Research Field: Physics

#### **MASTER PROGRAM**

University: Universitas Indonesia

Year of Graduation: 1994

Research Field: Materials Science

#### **DOCTORAL PROGRAM**

University: Institut Teknologi Sepuluh Nopember (ITS), Indonesia

Year of Graduation: 2016

Research Field: Materials Physics

### **WORK EXPERIENCE**

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

Since. 1991 – present

#### **Other Works Experiences**

N/A

### **TEACHING EXPERIENCE**

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

Solid State Physics, Nuclear Physics, Physics of Metals, Physics I and II, Modern Physics, Physics of Composites, Corrosion, Introduction to Physics of Materials

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

Renewable Energy, Metal Materials, Degradation of Metals, Condensed Matter Physics, Degradation of materials

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

N/A

### **DESCRIPTION**

N/A

### **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**

Calcium Carbonates, Biomineralization

### **PUBLICATION**

**SINTA:**

<https://sinta.ristekbrin.go.id/authors/detail?id=6198721&view=overview>

**SCOPUS:**

<https://www.scopus.com/authid/detail.uri?authorId=57221111249>

**GOOGLE SCHOLAR:** N/A