

Dr. Mochamad Zainuri

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Assistant 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: Universitas Indonesia

Year of Graduation: 2009

Research Field: Composite Materials

WORK EXPERIENCE

Lecturer – Department of Physics, ITS, Indonesia

Since. 1990 – present

Other Works Experiences

N/A

TEACHING EXPERIENCE

Courses for Undergraduate Program

Synthesis of Materials, Physics of Composites, Mechanics, Solid State Physics, Materials Science, Mechanics I and II, Physics II, Laboratory Physics II, Physics of Metals, Modern Physics, Introduction to Renewable Energy, Laboratory Physics (Materials), Introduction to Physics of Materials, Waves and Optics

Courses for Master Program

Physical Research Methods, Composite Materials, Degradation of Materials, Renewable Energy, Characterization and Analysis, Metallic Materials

Courses for Doctoral Program

Material Characterization and Analysis, Material Synthesis

DESCRIPTION

The focus of active research is the development of lithium and sodium ion battery cathode materials, hydrophobic coatings based on silica sand, and natural fiber composites.



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

Composite, cathode, hydrophobic, and radar absorber materials

PUBLICATION

SINTA:

<https://sinta.ristekbrin.go.id/authors/detail?id=5991179&view=overview>

SCOPUS:

<https://www.scopus.com/authid/detail.uri?authorId=57188871981>

GOOGLE SCHOLAR:

<https://scholar.google.co.id/citations?user=H-1f5lgAAAAJ&hl=en>