

# Dr. Bambang Supriatno, M.Si.

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## PROFILE

Dr. Bambang Supriatno, M.Si, contributed significantly to research on topics like problem-based learning, the use of digital learning resources, and the reconstruction of laboratory activity designs to enhance students' critical and higher-order thinking skills. He previously served as the Head of the Department of Biology Education at FPMIPA UPI and is recognized as an expert in biology learning media, frequently contributing to relevant workshops and conferences.



Dr. Bambang Supriatno, M.Si.

## EXPERIENCES

### LECTURER, UNIVERSITAS PENDIDIKAN INDONESIA

1990 - Now

Teaching some subjects in Master Program of Biology Education such as biology laboratory techniques, ICT literacy, biology learning media, and bioentrepreneur.

## EDUCATION

### DOCTORAL - SCIENCE EDUCATION

Universitas Pendidikan Indonesia,  
Indonesia

### MASTER DEGREE - BIOLOGY

Universitas Gadjah Mada, Indonesia

### BACHELOR - BIOLOGY EDUCATION

Universitas Pendidikan Indonesia,  
Indonesia

## SKILLS

- Biology Laboratory Techniques
- ICT Literacy
- Biology Learning Media
- Bioentrepreneur

## ACTIVITIES

Dr. Bambang Supriatno, M.Si, recent work focuses on practical work and experiential learning in biology. This includes ongoing research into the design and reconstruction of student worksheets to maximize conceptual and procedural understanding, often utilizing models like the Vee diagram for effective learning. He continues to explore the impact of specific learning approaches, such as problem-based learning and gamification (e.g., Botanical Eco-Gamification), on developing crucial student competencies like environmental literacy, critical thinking, collaboration, and creativity.