

# Dr. Ana Ratna Wulan, M.Pd.

Bandung | +6281321880017 | anaratnawulan@upi.edu



Dr. Ana Ratna Wulan, M.Pd.

## PROFILE

Dr. Ana Ratna Wulan, M.Pd. is a lecturer in the Biology Education Master Program at Universitas Pendidikan Indonesia, teaching in Science Philosophy; Assessment in Biology Education; and Biology Learning Evaluation. Her interests primarily focus on Performance-based Assessment, Environmental and Sustainability Education, and the development of authentic assessments to enhance 21st-century skills in biology learning.

## EXPERIENCES

### LECTURER, UNIVERSITAS PENDIDIKAN INDONESIA

1999 - Now

Teaching some subjects in Master Program of Biology Education such as teaching in Science Philosophy; Assessment in Biology Education; and Biology Learning Evaluation.

## EDUCATION

### DOCTORAL - SCIENCE EDUCATION

Universitas Pendidikan Indonesia,  
Indonesia

### MASTER DEGREE - SCIENCE EDUCATION

Universitas Pendidikan Indonesia,  
Indonesia

### BACHELOR - BIOLOGY EDUCATION

Universitas Pendidikan Indonesia,  
Indonesia

## ACTIVITIES

Dr. Ana Ratna Wulan, M.Pd., research focuses on performance assessment, environmental literacy, and sustainability-oriented biology education, specifically concerning how authentic assessment strategies support students' scientific reasoning, critical thinking, and ecological awareness.

## SKILLS

- Educational Assessment Design (performance test, rubric, project-based evaluation)
- Curriculum Development and Evaluation
- Qualitative and Quantitative Educational Research
- Scientific Writing and Academic Publishing
- Digital Assessment Tools (e.g., Seesaw, learning logs)