

Dr. Ana Ratna Wulan, M.Pd.

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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)