



# I WAYAN SUBAGIA

PROFESSOR IN SCIENCE EDUCATION

## INTRODUCTION

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I Wayan Subagia was born in a small village named Nongan, Rendang District, Karangasem Regency, Bali Province, Indonesia in 1962. He is currently one of lecturer at Doctorate Education Study Program in Universitas Pendidikan Ganesha. Besides, he also teaches at master program in Science Education Study Program. For undergraduate study, he teaches in Chemistry Education Study Program and Science Education Study Program in the same university.

## TEACHING EXPERINCES

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He has been teaching since 1988 when he started his career as a junior lecture. He is in charge to teach several subjects, namely: 1) Fundamental Chemistry, 2) Science Literacy, 3) Teaching Learning Strategy, 4) Research Methodology, and 5) Curriculum Development. Several books that have been written to support his teaching are: 1) English for Chemistry (2015), 2) Senior High School Chemistry Learning Strategy Using Stater Experiment Approach (2019), 3) Learning Design for Senior High School Chemistry based on Starter Experiment Approach (2019), Research base Learning Activity Unit for Junior Hing School Science (2020), Chemistry Learning Strategy (2022), Qualitative Research Methods in Education (2022)

## RESEARCH INTEREST

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His research area in education includes ethno-pedagogy in science learning, learning cycle, learning strategy, and learning competency and instruction. His current researches are: 1) Science learning material development based on Balinese culture (2020-2022), 2) the implementation of guided inquiry learning for enhancing students' achievement in research methodology subject (2022), 3) observation skill of undergraduate students in chemistry practicum (2021), research base learning strategies for junior science learning (2020)

## SOCIAL WORKS

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Besides teaching and researching, he also involves in several social works, especially for helping school teacher to enhance their professional and pedagogical competencies. The social work conducted are: 1) Training for junior high school science teacher to develop worksheet for student learning (2022); 2) Training for junior high school science teachers to improve science process skills (2021), 3) Training for Senior high school chemistry teachers to manage experiment-based learning strategy (2020), and 4) Training for science teacher to enhance ability to formulate HOTs problems for assessing students' achievement in learning (2019).

## CONTACT

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## EDUCATION

1982-1987

Chemistry Education  
Udayana University, Bali, Indonesia

1992-1994

Applied Science  
Swinburne University, Melbourne,  
Australia

1998-2001

Science Education  
La Trobe University, Melbourne,  
Australia

## EXPERTISE

Learning and Instruction  
Science Learning Strategy  
Research Methods in Education

# Resent Publication

1. The Effectiveness of Chemistry Learning Strategy in Improving Students' Learning Process and Achievement. *Journal of Physics: Conf. Series.* doi: 10.1088/1742-6596/1567/4/042039 (2020).
2. Role Model of Teachers in Facilitating Students Learning Viewed from Constructivist Theories of Learning. *Journal of Physics: Conf. Series.* doi: 10.1088/1742-6596/1503/1/012051. (2020).
3. Teacher's handicap in conducting learning process using scientific approach: a case analysis of in-house training results of senior high school teachers. *Journal of Physics: Conf. Series.* doi: 10.1088/1742-6596/1317/1/012154 (2019).
4. The Quality of Observation Results and Question Formulation of Vocational School Teachers in Scientific Approach Implementation. *Advance in Social Science and Humanities Research*, volume 394. Atlantis Press (379-384) (2019).
5. Learning strategy for senior high school chemistry based on starter experiment approach for improving students' participation and achievement in learning. *Jurnal Pendidikan dan Pengajaran (JPP)*. Vol. 52. No. 3. Hal. 183-194 (2019). (<https://ejournal.undiksha.ac.id/index.php/JPP/article/view/22918>)
6. The Quality of Chemistry Learning Proces Viewed from Learning Outcome Indicators and Process of Teaching. *Advance in Social Science and Humanities Research*, volume 134. Atlantis Press (131-136) (2018).