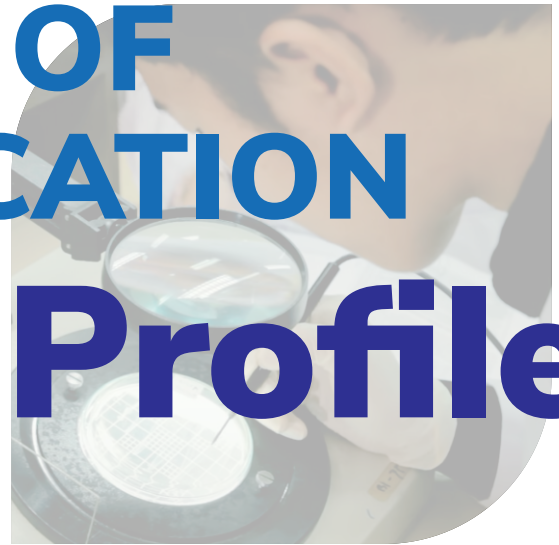




Faculty of Mathematics and Natural Sciences  
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# DEPARTMENT OF SCIENCE EDUCATION Research Profile



2022

# RESEARCHERS AND RESEARCH TOPICS

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## RESEARCH TITLE

**2020** Science Learning Model for Improving Concept Understanding and Collaboration Skills of Junior High School Students

**2021** Implementation of The 2013 Curriculum of Junior High School Science Courses During The Covid-19 Pandemic in Bantul District

# RESEARCHERS AND RESEARCH TOPICS

## EVALUATION OF NATURAL SCIENCES TEACHING AND LEARNING RESEARCH GROUP



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## RESEARCH TITLE

**2020** Development of Pisa Model Assessment Instruments to Measure Science Literature Capabilities of Junior High School Students

**2021** Development of Assessment as Learning in Basic Physics Virtual Practicum as an Instrument for Assessment of Cognitive and Skills in Online Learning

# RESEARCHERS AND RESEARCH TOPICS

## INTEGRATED NATURAL SCIENCES TEACHING LEARNING STRATEGY RESEARCH GROUP



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## RESEARCH TITLE

**2020** Integration of Local Potential in Science Learning to Grow Science Literacy and Students' Critical Thinking Skills in Realizing The Nature of Science

**2021** Development of Science Literature for Junior High School Students Through Science Online Learning During The Covid-19 Pandemic



# RESEARCHERS AND RESEARCH TOPICS

## LEARNING MEDIA RESEARCH GROUP



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## RESEARCH TITLE

**2020** Utilization of Google Classroom in Flipped Classroom Learning Design to Empower The Learning Outcomes in Cognitive And Information and Communication Technology (ICT) Literacy

**2021** Interactive Learning Media Using Google Sites on The Android Platform to Support the Home Learning Program

# RESEARCHERS AND RESEARCH TOPICS

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## RESEARCH TITLE

**2020** Development of Technological Pedagogical And Science Knowledge-Contextual (TPASK-C) and It's Effect to TPASK skills and Self Efficacy Teacher Candidate

**2021** Development of Electronic Teaching Materials Approach to Life Skills-Oriented NOS Loading Inquiry



# Universitas Negeri Yogyakarta Indonesia

