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PREFACE

Praise to Allah SWT who has given all his gifts and favors so that publishers are able to publish the Jurnal Penelitian dan Pembelajaran IPA volume 7, issue 1, May 2021. Shalawat and greetings may be poured into Prophet Muhammad SAW, to his family, His companions and his followers until the end of time. The publication of this journal cannot be separated from the support of various parties, from university to degree level, researchers from within and outside Universitas Sultan Ageng Tirtayasa (UNTIRTA), other partners and stakeholders. Do not forget to thanks the Dean of Faculty of Teacher Training and Education (FKIP) and Head of Department of Science Education, who has provided support in the publication of this journal. We would also like to thanks both the moral and material support given by all parties who provided the way to the publication of this journal. Hopefully this journal can be used and useful for the publication of research in UNTIRTA or outside UNTIRTA.

In volume 8 (eight) issue 1 (one) consists of 8 articles. All articles are the result of a research study. The research methods used by the authors include case study, descriptive study, survey, and research and development (R & D). The proportion of articles is 75% of articles from outside Universitas Sultan Ageng Tirtayasa and 25% of articles from Universitas Sultan Ageng Tirtayasa.

Finally the editorial board realizes that this journal is so far from perfect, constructive feedback and suggestions to publishers for future improvements so publishers hope that this journal can have better quality

Serang, May 2021

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TABLE OF CONTENTS

PREFACE	ii
TABLE OF CONTENTS	iii
Exploring Student Engagement in STEM Education through the Engineering Design Process	
Nurul Fitriyah Sulaeman, Pramudya Dwi Aristya Putra, Ippei Mineta, Hiroki Hakamada, Masahiro Takahashi, Yuhsuke Ide, Yoshisuke Kumano	1
Teacher Candidates' Views on the Zero Waste Project	
Sinan Erten, Ayşe Ceren Atmaca.....	17
A Cross-Case Study: Comparing the Role of Science Centers in Advancing Scientific Knowledge in Turkey and Denmark	
Şahin İdin	38
Implementation of Competency Enhancement Program for Science Teachers Assisted by Artificial Intelligence in Designing HOTS-based Integrated Science Learning	
Kadek Dwi Hendratma Gunawan, Liliyasi Liliyasi, Ida Kaniawati, Wawan Setiawan	55
Development of Fructuweb "A Learning Website of Banten's Exotic Fruits" to Support Local Potential-Based Learning in Digital Era	
Pipit Marianingsih, Ratu Sofie Azkia Putri, Dini Aliani, Alifia Tasya Kamila Usman Usman, Evi Amelia, Siti Romlah Noer Hodijah, Suroso Mukti Leksono.....	66
Using Information Search Strategy to Reconstruct Students' Biology Prior Knowledge	
Nur Wakhidah, Erman Erman.....	84
Android-Based Comics: An Alternative Media to Improve Scientific Literacy	
Mardianti Listianingsih, Irnin Agustina Dwi Astuti, Dasmo, Yoga Budi Bhakti.....	105
Validity of a Kahoot!-Based Cognitive Test Instrument on Corona Pandemic Theme	
Annisa Novianti Taufik, Liska Berlian, Dwi Indah Suryani, Lukman Nulhakim, Rt. Bai Rohmah, Muhammad Ansori	118