



PROCEEDING

THE 2nd UPY INTERNATIONAL
CONFERENCE ON APPLIED
SCIENCE AND EDUCATION 2020

"SCIENCE & TECHNOLOGY INNOVATION IN SOCIETY 5.0"

CONFERENCE DAY

November 3th – 4th, 2020

ONLINE

PREFACE

Dear distinguished Authors and Guests,

The organizing committee warmly welcome you to The 2nd UPY International Conference on Applied Science and Education (UPINCASE), held on 3 – 4 November 2020 in Yogyakarta, Indonesia.

On behalf of The 2nd UPINCASE 2020, we would like to thank all the authors that contributed to this conference. We would like to extend our special gratitude to the Keynote Speakers who support this conference.

- 1) Prof. Tai-Chien Kao (National Dong Hwa University, Taiwan)
Theme: Science and Technology for Future Education
- 2) Prof. Wasino (Universitas Negeri Semarang, Indonesia)
Theme: Social Transformation in Society 5.0
- 3) Dr. David Nwanna Dumbiri (University of Benin, Nigeria)
Theme: Information and Technology for Sustainable Development
- 4) Prof. Suzuki Takashi (Kobe University, Japan)
Theme: Business and Services Transformation in Society 5.0
- 5) Dr. Arman Shah bin Abdullah (Universiti Pendidikan Sultan Idris, Malaysia)
Theme: Innovation of Educational Technology
- 6) Dr. Paiman (Universitas PGRI Yogyakarta, Indonesia)
Theme: Technology Development to Increase Crop Production

After the peer review process, the submitted papers were selected on the basis of originality, significance and clarity for the purpose of the conference. We hope that the conference results constituted significant contribution to the knowledge in these up to date scientific field. The topics covered in this conference include Engineering, Information Technology, Technology for Education, Applied Science, and Science Education.

We will be committed ourselves to make this conference more and more professional with fully and enjoyable academic research and discussion platform for authors and attendees. Sincerely as always, we look forward to your attention and support to the next UPINCASE.

With our warmest regards,

Marti Widya Sari

Conference Chair
25 October 2020
Yogyakarta, Indonesia