

PREFACE

Dear distinguished Authors and Guests,

The organizing committee warmly welcome you to 1st UPY International Conference on Applied Science and Education (UPINCASE) and 5th International Conference and Sustainable Development (ICESDev), held on October 24-26, 2018, Yogyakarta, Indonesia.

On behalf of 1st UPINCASE and 5th ICESDev, 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. Jasper L. Pastrano from Iloilo Science and Technology University, Philippines
2. Prof. Allan Leslie White from University of Western Sydney, Australia
3. Prof. Cathy S. Lin from National University of Kaohsiung, Taiwan
4. Prof. Datuk Mohd Noh Dalimin from Universiti Tun Hussein Onn, Malaysia
5. Prof. Prpto Yudono from Universitas Gadjah Mada, Yogyakarta, Indonesia
6. Prof. Buchory MS from Universitas PGRI Yogyakarta, Yogyakarta, Indonesia

Universitas PGRI Yogyakarta (UPY), Indonesia with Iloilo Science and Technology University (ISAT-U), Philippines, together with SEAMEO Qitep in Math and Indonesian Lecturers Association (ADRI) are willing to held a kind of conference to provide researchers, scientists, engineers and scholar students for presenting paper in the fields of Integrated STEM (Science, Technology, Engineering and Mathematics) for Future Education.

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 Technology for Education, Science and Science Education, Mathematics and Mathematics 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 and ICESDev.

With our warmest regards,
Marti Widya Sari

Conference Chair
October 24, 2018
Yogyakarta, Indonesia

MC:

Andi Dian Rahmawan, MA (UPY)

Rachma Noviani, M.Si (Seameo)

Moderator:

No	Keynote Session	Moderator
1	Keynote Speaker 1, Prof Jasper Pastrano	Rizki Nurmaya Oktarina, M.Si (Seameo)
2	Keynote Speaker 2, Prof Cathy S. Lin	Passtitta Ayu Laksmiwati, M.Pd (Seameo)
3	Keynote Speaker 3, Prof Prapto Yudono	Andi Dian Rahmawan, MA (UPY)
4	Keynote Speaker 4, Prof Allan White	Dr. Wahyudi (Direktur SEAMEO)
5	Keynote Speaker 5, Prof M. Nuh Dalimin	Adityarini Aqidah Absahi Djadir (Seameo)
6	Keynote Speaker 6, Prof Buchory MS	Rudha Widagsa, MA (UPY)