



Dr. Nelson Cyril is presently the Science Education Specialist at Research and Development Division, Southeast Asian Ministers of Education Organization, Regional Centre for Education in Science and Mathematics (SEAMEO RECSAM). He obtained a Master's of Science Education from Universiti Malaysia in 2010 and Degree of Philosophy in Chemistry Education in 2015 from Waikato University, New Zealand. Prior to working at SEAMEO RECSAM, Dr. Nelson has been with a number of secondary schools. His expertise include cognition, mental models, and models in chemistry. Currently, his research area looks into Technological and Pedagogical Content Knowledge (TPACK) in Augmented Reality.

Qualifications and Expertise

1994	Certificate in Pharmacy	Ministry of Health Malaysia
2000	Bachelor of Chemistry	Science University Malaysia, Penang
2004	Post Graduate Diploma in Teaching	Teacher Education Institute Penang
2010	Master of Education in Science	Malaya University
2015	Degree of Philosophy Chemistry Education	Waikato University New Zealand

Experiences

1994-2006	Pharmacy Technician	Ministry of Health clinics and hospitals
2006-2007	Educator	Patianbun High School ,Limbang, Sarawak
2008-2010	Educator	Seri Selayang High School ,Selayang Selangor, Malaysia
2011	Educator	Rawang High School ,Rawang Selangor, Malaysia
2016	Educator	Tun Perak High School ,Rawang Selangor, Malaysia
2019-Aug 2020	Educator	Pondok Upeh High School, Balik Pulau, Penang, Malaysia

Courses/Workshops

- Presenter for ISTIC on “Land Ecosystem” on 25 October 2020
- Facilitator for Article writing Workshop on “Publishing in Journal of Science and Mathematics Education” on 22 Dec 2020

Other Roles

- Aug 2020- Nov 2021 Assistant Executive Secretary for the Conference of Science and Mathematics Education 2021
- Aug 2020-Dec 2020 Journal manager for Journal of Science and Mathematics Education South East Asia
- Aug 2020-Dec 2020 Reviewer for Educatum Journal of Science, Mathematics and Technology (UPSI)
- Aug 2020-Dec 2020 Reviewer for Journal of Science and Mathematics Education

Publications

- Cyril, N., & Coll, R. (2016). Students' misconceptions in Acid-Base Chemistry. *Jurnal Penyelidikan Pendidikan Guru*, 11, 64-75
- Cyril, N., & Coll, R. (2016). Form four students' conceptions of acid-base chemistry. *Journal of Science and Mathematics Education in South East Asia*, 39 (2), 168-194

Presentation at Conferences/Colloquiums

- 07 July 2017 International Conference on STEM Universiti Pendidikan Sultan Idris
- 24 Nov 2015 TEMS Graduate Symposium University of Waikato
- 02 July 2014 Australasian Science Education Research Association Conference
- 15 Oct 2013 TEMS Graduate Symposium University of Waikato
- 27 Oct 2012 TEMS Graduate Symposium University of Waikato

Awards

- *Service Excellence Award 2017*
- *Completion thesis recipient of the Waikato University International Students Scholarship Award 2015*
- *Service Excellence Award 2010*
- *Ministry of Education Scholarship for KPLI 2004*
- *Service Excellence Award 2000*

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