



“Accreditation and QA: Leading Transformations Towards Inclusive and Sustainable Development”

November 17, 18, & 19, 2020  
1:00-5:30 pm (Ph Time)

**Virtual**

Manila, Philippines

Organized by:



**PHILIPPINE TECHNOLOGICAL COUNCIL  
ACCREDITATION AND CERTIFICATION BOARD FOR ENGINEERING AND  
TECHNOLOGY**

Supported by:





## ○ *About ACE*



PTC President

*In ACE* or Accreditation Conference in Engineering, PTC envisions a platform for the free exchange of information and discussions on current developments in international and local best practices in engineering and technology practice and education; engineering graduate attributes and engineering professional competence; teaching, learning and assessments; accreditation and quality assurance and other transformative changes as these impact on the future of engineering. It involves gathering participants from across educational institutions, professional organizations, accreditation bodies, government agencies, among other stakeholders into one forum. Involving local partners and stakeholders in its inaugural edition in 2016, ACE eventually started to reach out to the many partners and colleagues from among our counterparts at the AFEO, the FEIAP, the International Engineering Alliance, the Washington Accord, the AAET, NABEEA and the WFEO.

ACE 2020i, the 2020 edition of ACE, has been launched to afford participants and discussants a more global view of trends and practices in engineering practice and education, accreditation and quality assurance by inviting noted speakers and luminaries from the above partner institutions. With the speakers' presentations and participation during the ensuing discussions and fora, ACE organizers hope to offer participants the opportunity to clarify, discuss and dissect subject matters of interest and eventually integrate and synthesize learnings into their respective work realms.

***ACE 2020 Invited International and Philippine Engineering Education and Practice Leaders, Engineering Professionals and Experts:*** Listen, discuss and assess best practices in engineering practice, internationalization and the future of engineering education, of engineering graduate attributes and professional competences, quality assurance, assessment and accreditation, the UN SDGs in engineering education, and, the 21<sup>st</sup> century skills with international engineering leaders, professional engineers and experts in the above areas.

Speakers have been invited from the **Commission on Higher Education, the Department of Science and Technology, the International Engineering Alliance (IEA) and the Washington Accord, the World Federation of Engineering Organizations (WFEO), the Federation of Engineering Institutions of Asia and the Pacific (FEIAP), the ASEAN Federation of Engineering Organizations (AFEO), the ASEAN Academy of Engineering & Technology, the Institution of Engineering Education Taiwan, the Malaysian Society of Engineering and Technology, Singapore Institute of Technology, Mapua University, University of San Carlos, University of Santo Tomas, Batangas State University,** among other higher education institutions in the country.



# ○ PROGRAM



Date	Start Time	Finish Time	Activity	Speaker/Moderator/Reactor
17 November Tuesday	13:00	13:15	Opening	Dr. Lydia G. Tansinsin
	13:15	13:35	Keynote Presentation	Secretary Fortunato T. de la Peña
	13:35	14:15	Plenary Presentation #1	Em. Prof. Elizabeth Taylor
	14:15	14:45	Forum/Reaction	Dr. Tirso Ronquillo/Dr. May Rose Imperial
	14:45	14:50	HEALTH BREAK	PTC Secretariat
	14:50	15:30	Plenary Presentation #2	Prof. Kai Sang Lock
	15:30	16:10	Plenary Presentation #3	Em. Prof. Tan Sri Chuah Hean Teik
	16:10	16:50	Plenary Presentation #4	Dr. Reynaldo B. Vea
	16:50	17:20	Forum/Reaction	Dr. Tirso Ronquillo/Dr. May Rose Imperial
	17:20	17:35	Synthesis & Key Takeaways	Engr. Cezar S. de la Cruz
18 November Wednesday	13:00	13:15	Opening Remarks	Engr. Federico A. Monsada
	13:15	13:35	Keynote Presentation	CHED
	13:35	14:15	Plenary Presentation #5	Dr. Marlene Kanga
	14:15	14:45	Forum/Reaction	Dr. Adolfo Jesus R. Gopez
	14:45	14:50	HEALTH BREAK	PTC Secretariat
	14:50	15:30	Plenary Presentation #6	Dr. Mandy Liu
	15:30	16:10	Plenary Presentation #7	Prof Dr. Yong-Lim Foo
	16:10	16:50	Plenary Presentation #8	Prof Dr. Evelyn B. Taboada
	16:50	17:20	Forum/Reaction	Dr. Marita Dimaano/Dr. Francis Aldrine Uy
	17:20	17:35	Synthesis & Key Takeaways	Engr. Estrellita Bordallo
19 November Thursday	13:00	13:15	Opening Remarks	Engr Elpidio L. Carlota
	13:15	13:55	Plenary Presentation #9	Ir. Prof. Megat Johari Megat Mohd. Nor
	13:55	14:35	Plenary Presentation #10	Prof. Dr. Philipina A. Marcelo
	14:35	14:55	Forum/Reaction	Dr. Cynthia C. Llanes
	14:55	15:00	HEALTH BREAK	PTC Secretariat
	15:00	16:00	Workshop 1	Prof. Alberto Laurito/Dr. Francis Aldrine Uy
			Workshop 2	Dr. Aura Matias/Dr. Rizalinda de Leon
			Workshop 3	Dr. Venus Quevedo/Dean Evelyn Raguindin
	16:00	17:00	Workshop Reports	Prof. Alberto Laurito
	17:00	17:15	Synthesis & Key Takeaways	Prof. Lourdes Lasian
17:15	17:30	Closing Remarks	Engr. Romulo R. Agatep	

# ○ *Guests & Speakers*



SPEAKER	PRESENTATION TITLE
○ Commission on Higher Education	Keynote Talk
○ <b>Em.Prof. Tan Sri Chuah Hean Teik</b> President – ASEAM Academy of Engineering & Technology Imm. Former President – FEIAP	Engineering Education in the Digital Revolution: Accreditation towards Mutual Recognition and Mobility
○ <b>Prof. Dr. Foo Yong-Lim</b> Asst. Provost – Singapore Institute of Technology	"Assessment for Learning Outcomes in Engineering Education – Challenges and Opportunities in Online Learning"
○ <b>Dr. Marlene Kanga</b> Imm. Past President – World Federation of Engineering Organizations 2013 President- Engineers Australia	Review of International Engineering Benchmarks for Graduate Attributes and Professional Competencies for engineers of the future.
○ <b>Dr. Mandy Liu</b> Deputy Executive Director Institute of Engineering Education Taiwan	Meeting the Washington Accord Requirements and Beyond: Case from IEET
○ <b>Prof. Kai Sang Lock</b> Deputy Chair – Washington Accord Professor – Singapore Institute of Technology	Preparing for Full Signatory Status in Washington Accord: Challenges and Best Practices
○ <b>Prof. Dr. Philipina A. Marcelo</b> Dean – Faculty of Engineering University of Santo Tomas, Manila	Case Study: University of Santo Tomas
○ <b>Prof. Ir. Megat Johari Megat Mohd Noor</b> President – Malaysian Society for Engineering & Technology Vice President – Federation of Islamic Engineering Organizations	Complex Engineering Problems and Complex Activities (tentative)
○ <b>Hon. Sec. Fortunato de la Peña</b> Secretary – Department of Science and Technology	The Future of S&T in the Philippines and What To Expect from Graduates of Engineering
○ <b>Prof. Dr. Evelyn B. Taboada</b> Dean – College of Engineering University of San Carlos	Enhanced Teaching and Learning in a Blended Learning Environment
○ <b>Em. Prof. Elizabeth Taylor</b> Chair -Washington Accord Deputy Chair-International Engineering Alliance	"Updates on the Washington Accord as the 'Gold Standard' of Engineering Education Quality and Way Forward"
○ <b>Prof. Dr. Reynaldo B. Vea</b> President – Mapua University	Case Study: Mapua University in the Global and Digital Age.



