



**Philippine Association for Teachers of Educational Foundations-  
United Professionals for the Development and Advancement of Teacher Education  
(PATEF-UPDATE), Inc.**

*in cooperation with the*

**Philippine Normal University**

*and*

**REX Book Store, Inc.**

**14<sup>th</sup> Annual National Convention  
“Education 4.0: Challenges and Directions”**

November 28-30, 2018

The Heritage Hotel, Manila

**Purpose**

The future of learning will be dramatically different as evidenced in the current state where global connectivity, smart machines, and new media has been re-shaping teaching and learning experiences. Tagged as **Education 4.0**, this digitally-driven education responds to the needs of the fourth industrial revolution (IR 4) where digital penetration in human life will be at its peak. Teachers are to be equipped with technological knowledge and skills to enable them to embrace the future of education and human life. Hence, this 14<sup>th</sup> Annual National Convention of PATEF-UPDATE is themed, “**Education 4.0: Challenges and Directions**”.

The convention aims to gather teacher educators, teachers, school administrators, researchers, and other education stakeholders to:

1. keep abreast with the trends and developments on digital technologies in education;
2. engage in meaningful discussion on the issues surrounding the globally-connected and technology-fueled learning;
3. share best practices and researches on digitally-driven instruction; and
4. establish linkages with agencies and institutions that promote quality teacher education.

**Subthemes:**

The topics for discussion will be clustered as follows:

1. Contexts of Education 4.0
  - a. Sustainability in Education
  - b. Global Education
  - c. Lifelong Learning
  - d. Enterprise Architecture
  - e. Social Progress

- f. Millennial Mindset
- g. Collaboration Platforms
- h. Shared Content and Resources
- i. Digital Networks and Devices
- j. Talent Investment

2. Inputs of Education 4.0

- a. Big Data
- b. 21<sup>st</sup> Century Curriculum and Instruction
- c. Content Commons
- d. New Media Literacy

3. Processes of Education 4.0

- a. Data Management
- b. Standards and Quality Assurance
- c. Professional Learning Communities
- d. Knowledge Management
- e. Technology in Education
- f. Human-Software Symbiosis
- g. Emboldened and Embodied Learning
- h. Flexible Delivery (MOOCs and Open Education)
- i. Practical Application

4. Outcomes of Education 4.0

- a. 21<sup>st</sup> Century Competencies
- b. Global Competitiveness
- c. New Focus and Methods of Assessment

PROGRAM OF ACTIVITIES			
DAY 1	TIME	ACTIVITY/SESSION	INVITED SPEAKERS
	8:00 - 9:00	REGISTRATION/Snacks	PATEF-UPDATE SECRETARIAT
November 28, 2018 (Wednesday)	9:00 – 9:30	OPENING PROGRAM	
		National Anthem	
		Invocation	
		Welcome Remarks	<b>Dr. CELIA M. ILANAN</b> President, PATEF-UPDATE, Inc.
		Statement of the Purpose of the Convention	<b>Dr. ROSANNI M. DEL MUNDO</b> Program Chair and Vice President, PATEF-UPDATE, Inc.
		Introduction of the PATEF- UPDATE Officers & Board Members & Participants	<b>Dr. RAQUEL G. LARANG</b> Assistant Secretary PATEF-UPDATE, Inc.
		Introduction of the Keynote Speaker	<b>Dr. CELIA M. ILANAN</b> President, PATEF-UPDATE, Inc.

	9:30 – 10:30	<i>Keynote Address:</i> <b>Education 4.0: Challenges and Directions</b>	<b>Dir. JOCELYN DR. ANDAYA</b> Director, Bureau of Curriculum Development Department of Education (DepEd)
	10:30 – 12:00	<i>Plenary Speaker 1</i> <b>Redesigning Learning Spaces for 21st Century Learners</b>	<b>Prof. ANNA CHERYLLE M. RAMOS</b> Director, Educational Technology Center University of Santo Tomas (UST)
	12:00 – 12:30	<b>Open Forum</b>	<b>Prof. MA. LUZ T. BADIOLA</b> Moderator Board Member, PATEF-UPDATE, Inc.
	12:30 – 1:30	<b>Lunch Break</b>	
	1:30 – 3:00	<i>Plenary Speaker 2:</i> <b>The Architecture of Education Enterprise</b>	<b>Prof. ALLAN B. BORRA</b> Director, IT Services De La Salle University (DLSU)
	3:00 – 3:30	<b>Open Forum</b>	<b>Prof. MA. LUZ T. BADIOLA</b> Moderator Board Member, PATEF-UPDATE, Inc.
	3:30 – 4:00	<b>Health Break</b>	
	4:00 – 5:30	<i>Plenary Speaker 3:</i> <b>Information and Knowledge Management in Teacher Education</b>	<b>Mr. JOHANNES PAULUS B. ACUNA</b> Data Architect, National Government Portal Project Department of Information, Communication and Technology (DICT)
	5:30 – 6:00	<b>Open Forum</b>	<b>Dr. RAQUEL Q. LARANG</b> Moderator Assistant Secretary, PATEF-UPDATE, Inc.
		<b>Dr. MARILOU C. PANTALEON</b> Officer of the Day	<b>Prof. EDNA IMELDA F. LEGAZPI</b> Master of Ceremonies

DAY 2	TIME	ACTIVITY/SESSION	In-charge
November 29, 2018 (Thursday)	8: 00– 8:30	<b>Preliminary Activities</b> • Synthesis of Day 1	
	8:30 – 10:00	<i>Plenary Speaker 4:</i> <b>Technology for Teaching and Learning</b>	<b>Prof. JAYVEE M. CABARDO</b> Director for Education Technology Asia-Pacific College
	10:00 – 10:30	<b>Open Forum/Health Break</b>	<b>Dr. ROSANNI M. DEL MUNDO</b> Moderator, Vice President, PATEF-UPDATE, Inc.

	10:30 – 12:00	<i>Plenary Speaker 5:</i> <b>TEACHING IN TRANSITION</b> The rise of Open Education, MOOCs, Inclusivity and Lifelong Learning	<b>Mr. GALVIN RADLEY L. NGO, M.Ed.</b> CEO, Woohoo Learning Lab Coordinator for Education Technology and Innovations, Ateneo Institute for the Science and Art of Learning and Teaching (SALT)
	12:00 – 12:30	<b>Open Forum</b>	<b>Prof. EDNA IMELDA F. LEGAZPI</b> Moderator Auditor, PATEF-UPDATE, Inc.
	12:30 – 1:30	<b>Lunch Break</b>	
	1:30 – 5:30	<b>Paper Presentations</b>	<b>Prof. MELISSA ALMA R. ORENCIA</b> Moderator Member, PATEF-UPDATE, Inc.
		<b>*Working Health Break</b>	
		<b>Dr. MARILOU C. PANTALEON</b> Officer of the Day	<b>Dr. RAQUEL Q. LARANG</b> Master of Ceremonies

DAY 3	TIME	ACTIVITY/SESSION	In-charge
November 30, 2018 (Friday)	7: 45– 8:15	<b>Preliminary Activities</b> • <b>Synthesis of Day2</b>	
	8:15- 9:15	<i>Plenary Speaker 6:</i> <b>Quality Assurance in Technology-driven Education</b>	<b>Ms. CECILIA T. UBARRA</b> Managing Director Knowledge Community, Inc. and Former Education and Government Affairs Manager of Intel Technology Philippines, Inc.
	9:15- 9:30	<b>Open Forum</b>  <b>*Working Health Break</b>	<b>Dr. GLENDA O. DE LARA</b> Moderator Board Member, PATEF-UPDATE, Inc.
	9:30 – 10:45	<i>Plenary Speaker 7:</i> <b>Education 4.0: Moving Beyond Technological, Pedagogical, Content Knowledge in Teacher Education</b>	<b>Dr. EDIZON A. FERMIN</b> Director for Innovation Development Miriam College
	10:45 – 11:00	<b>Open Forum</b>	<b>Prof. EDNA IMELDA F. LEGAZPI</b> Moderator Auditor, PATEF-UPDATE, Inc.
	11:00- 12:15	<i>Plenary Speaker 8:</i> <b>The Teachers in Schools as Innovation Ecosystems: Perspectives for Teacher Educators</b>	<b>Dr. EDIZON A. FERMIN</b> Director for Innovation Development Miriam College

	<b>12:15 – 12:30</b>	<b>Open Forum</b>	<b>Prof. EDNA IMELDA F. LEGAZPI</b> Moderator Auditor, PATEF-UPDATE, Inc.
	<b>12:30 – 1:15</b>	<b>Closing Program</b> <ul style="list-style-type: none"> <li>• Impressions</li> <li>• Message</li>   <li>• Awarding of BEST Paper Presenters and Poster</li> <li>• Closing Remarks</li>   <li>• Distribution of Certificates</li> </ul>	<b>SELECTED PARTICIPANTS</b>  <b>Dr. MA. ANTOINETTE C. MONTEALEGRE</b> OIC, Office of the President Philippine Normal University  <b>Dr. BERT J. TUGA</b> Board Member, PATEF-UPDATE, Inc. and Chair, Paper Evaluation & Awards Committee  <b>Dr. ROSANNI M. DEL MUNDO</b> Vice President and Program Chair PATEF-UPDATE, Inc.  <b>Dr. MARILOU C. PANTALEON</b> Board Member, PATEF-UPDATE, Inc.
	<b>1:15 – 2:00</b>	<ul style="list-style-type: none"> <li>• Lunch</li> <li>• Home Sweet Home</li> </ul>	
		<b>Prof. VICTORIA J. DELOS SANTOS</b> Officer of the Day	<b>Prof. MA. LUZ T. BADIOLA</b> Master of Ceremonies