



Republic of the Philippines  
**Department of Education**  
NATIONAL CAPITAL REGION  
SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

**Advisory No. 058, s. 2022**

APR 05 2022

April 5, 2022

In compliance with DepEd Order (DO) No. 8, s. 2013  
This advisory is issued not for endorsement per (DO) 28, s. 2001,  
but only for the information of DepEd Officials,  
Personnel/ Staff, as well as the concerned public.

**1ST VIRTUAL INTERNATIONAL CONFERENCE ON INNOVATIONS AND  
EDUCATION**

Attached is DepEd NCR Advisory No. 075, s. 2022, dated March 31, 2022 on the above-captioned title, contents of which are self-explanatory, for the information and guidance of all concerned.

Participation of public and private schools shall be subject to the no-disruption-of-classes policy stipulated in DepEd Order No. 9, s. 2005 entitled Instituting Measures to increase Engaged Time-on-Task and Ensuring Compliance Therewith.

Moreover, schools are reminded of the “No Collection and No Selling of Tickets Policy” stipulated in DepEd Order Nos. 19 and 40, s. 2008 and RA Nos. 4206 and 5546.

  
**NERISSA ROXAS-LOMEDA, PhD**  
OIC- Assistant Schools Division Superintendent

*RRA/DA/ 1st Virtual International Conference on Innovations and Education*

058 April 5, 2022



 Student Center for Life Skills Bldg., Centennial Ave, Brgy Tunasan,  
Muntinlupa City  
 (02) 805-9935, (02) 805 - 9940  
 [sdo.muntinlupa@gmail.com](mailto:sdo.muntinlupa@gmail.com)





Republic of the Philippines  
**Department of Education**  
NATIONAL CAPITAL REGION

DEPARTMENT OF EDUCATION  
RECORDS SECTION, DEPED NCR  
**RELEASED**  
by \_\_\_\_\_ Date **MAR 31 2022**  
DNCR-F-ORD-038/R0/01112019

**Advisory No. 075**, s. 2022  
March 31, 2022

SDO-CITY OF MUNTINLUPA  
Received \_\_\_\_\_  
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(Visit [www.deped.gov.ph](http://www.deped.gov.ph))

### **1<sup>st</sup> VIRTUAL INTERNATIONAL CONFERENCE ON INNOVATIONS AND EDUCATION**

The Marikina Polytechnic College will celebrate its 75<sup>th</sup> Founding Anniversary. One of the highlights of the celebration is the above-captioned conference.

The conference aims to discuss the current innovations in science and technology in relation to global perspective, discuss how academe and industry work on smart innovations and science-based programs and to discuss how to humanize technology in the midst of advancements for industry 4.0

Teachers from the public and private schools are invited to join the activity.

For more details:

Ms. Leilani DL. Escalada  
Chairperson on Program and Invitation  
Mobile number: 0915.311.3928

ORD/Public Affairs Unit



Misamis St., Bago Bantay, Quezon City  
Tel. Nos.: 920-5824; 926-2213 loc. 801  
Email Address: [ncr@deped.gov.ph](mailto:ncr@deped.gov.ph)  
Website: <http://www.depedictncr.wordpress.com>

**RELEASED** **MAR 31 2022**

By: \_\_\_\_\_ Date: \_\_\_\_\_

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Republic of the Philippines  
**MARIKINA POLYTECHNIC COLLEGE**  
 #2 Mayor J. Chanungco St. Sta. Elena Marikina City



March 16, 2022

**DR. LEONOR MAGTOLIS BRIONES**

*Secretary*

Department of Education

Attention: **Dr. Jesus Lorenzo R. Mateo**  
*Undersecretary for Planning*  
*Human Resource and Organizational Development*  
*and Field Operations*

Dear Hon.Briones:

Warmest Greetings!

The Marikina Polytechnic College will celebrate its 75<sup>th</sup> Founding Anniversary in July of the current year. There will be a year-long celebration which will highlight the accomplishments of the College as a polytechnic institution through the years.

One of the highlights of the celebration will be the 1<sup>st</sup> Virtual International Conference on Innovations and Education with the theme "Future-Ready HEI: Embracing the Culture of Internationalization and Global Citizenship Education". This will be held via Zoom Meeting on July 28-29, 2022. This conference aims to invite students, researchers, academic scholars, policy makers to reconnect and collaborate through research presentations via virtual conferences with parallel sessions. This will also serve as a venue to discuss the best practices of higher education institutions and industry partners for future ready education in terms of instruction, community services, internationalizing higher education, and academe-industry partnerships.

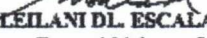
Registration fee is Php 1,000.00 for early registration (on or before May 27, 2022) and for the non-early registration is Php 1,500.00. This will include the conference kit, book of abstract, and certificates.

In view of this, we are humbly requesting from your good office an advisory regarding this international conference. It is our high hopes that through this advisory, teachers from the basic education institutions can join this academic activity. We have attached here the conference overview and program of activities for your kind perusal.

We are looking forward to your favorable response as regards this academic activity. For queries about this matter, please contact the Chairperson on Program and Invitation, Ms. Leilani DL. Escalada, at mobile number 09153113928 or email us at [icic.secretariat@mpc.edu.ph](mailto:icic.secretariat@mpc.edu.ph)

Thank you very much and more power!

Very truly yours,

  
**MS. LEILANI DL. ESCALADA**  
 Director, External Linkages Office  
 Chairperson on Program and Invitation  
 1<sup>st</sup> International Conference on Innovations and Education  
 Marikina Polytechnic College

Noted by:  
  
**RENE M. COLOCAR, LPT, Ph.D.**  
 MPC College President



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**1ST VIRTUAL INTERNATIONAL CONFERENCE ON INNOVATIONS AND EDUCATION**  
**Theme: Future-Ready HEI: Embracing the Culture of Internationalization**  
**and Global Citizenship Education**

**ABOUT THE CONFERENCE:**

In pursuant to the Commission on Higher Education Memorandum Order No. 52, series of 2016, that states that the Higher Education Institutions serve as the platforms for research and development innovation and extension in pursuit of social and economic development, the Marikina Polytechnic College hereby organizes its 1st Virtual International Conference on Innovations and Education.

The theme of the virtual conference is, **“Future-Ready HEI: Embracing the Culture of Internationalization and Global Citizenship Education”**. This will be held via Zoom Meeting on July 28-29, 2022. The conference aims to invite students, researchers, academic scholars, policy makers to reconnect and collaborate through research presentations via virtual conferences with parallel sessions. This will also serve as a venue to discuss the best practices of higher education institutions and industry partners for future ready education in terms of instruction, community services, internationalizing higher education, and academe-industry partnerships.

The conference advances the following objectives:

- A. to discuss the current innovations in science and technology in relation to global perspective;
- B. to discuss how academe and industry work on smart innovations and science-based programs;
- C. to discuss how to humanize technology in the midst of advancements for industry 4.0.

There will be simultaneous sessions during the conference which are divided into seven sub-themes:

- A. Future-Ready Education: Embracing the Culture of Internalization and Global Citizenship;
- B. Futures Thinking for Education, Industry, and Community Development;
- C. Sustainable Practices for Seamless and Future Ready Higher Education;
- D. Future-Proofing the Educational Institutions;
- E. Humanizing Technology for Smart Innovations and Industry 4.0;
- F. Preservation and Protection of Cultural Heritage despite Modernization; and
- G. Educational Innovations in Response to Changing Climate and Environment.



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**Theme: Future-Ready HEI: Embracing the Culture of Internationalization**  
**and Global Citizenship Education**

**PROGRAM OF ACTIVITIES**

**Day 1 – July 28, 2022**

<b>Time</b>	<b>Activity</b>	
7:45 - 7:59 a.m	Prelude <ul style="list-style-type: none"> <li>● AVP of College Profile</li> <li>● House Rules</li> </ul>	Technical Support
8:00-8:30 a.m.	Opening Ceremony <ul style="list-style-type: none"> <li>● Opening Prayer</li> <li>● Philippine National Anthem</li> <li>● Asean Hymn</li> </ul>	Technical Support
	Welcome Remarks	<b>Dr. Rene M. Colocar</b> College President
	Opening Address	<b>Atty. Lily Frieda Macabangun-Milla, CESO IV</b> Office of Deputy Executive Director Director, International Affairs Staff Commission on Higher Education
	Statement of Purpose	<b>Dr. Renilyn Udaundo</b> Dean of Technology and Instruction
	Messages	<b>J. Prospero "Popoy" de Vera</b> Chairperson of the Commission on Higher Education (CHED)  <b>Commissioner Marita R. Canapi</b> Chairperson, MPC BOT Commission on Higher Education
	Introduction of the Keynote Speaker	<b>Dr. Vilma J. Sugay</b> Vice President for Academic Affairs



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8:31-9:00 a.m.	Keynote Address Futures Thinking mindset in Future-Proofing in Philippine TVET	<b>DDG Rosanna A. Urdaneta</b> Co-Chairperson, MPC BOT Deputy Director General for Policy and Planning Technical Education and Skills Development Authority (TESDA)
9:01-9:15 am	Health Break	
9:16-9:45 am	Plenary Session 1: Borderless Education for Future-Ready Higher Education Institutions	<b>Rezia Usman</b> Regional Director Southeast Asia & South Asia, Woosong University South Korea
9:46-10:15 am	Plenary Session 2: Future-proofing the Educational Institutions	<b>Dzulkifli Abdul Razak, IIUM</b> Rector of the International Islamic University Malaysia
10:16-10:30 am	Open Forum and Awarding of Certificates	<b>Mr. Joemel Bautista</b> (Moderator)
10:31-11:00	Plenary Session 3: Humanizing Technology for Smart innovations and Industry 4.0	<b>Mark A. Hubbs, P.E.</b> Director of International Sales Amatrol, Inc.
11:01-11:30	Plenary Session 4: The Sustainable Development Goals towards Industrial 4.0	<b>Nastaran Nazarzadeh</b> Vice-President of Robotic Mechatronics and Robotics Society of the Philippines Assoc Prof, Jose Rizal University
11:31-12:00 nn	Open Forum and Awarding of Certificates	<b>Mr. Joemel Bautista</b> (Moderator)
12:01-1:00 p.m.	Lunch Break	
1:00-5:00 p.m.	Paper Presentations  <i>Breakout Sessions</i>  Industry 4.0 and SMART Technology  Borderless and Inclusive Education  Cultural Studies and Community Development  Science, Technology and Allied Fields	Session Chairs and Technical Support  Engr. Philip I. Salvaloja Dr. Ernesto R. Concepcion  Prof. Reynaldo C. Rivera Jr. Prof. Olive C. Delfino  Prof. Joemel V. Bautista Prof. Edmund G. Arias  Prof. Marlon C. Altiche Prof. Anna Khristina B. Buday

**Ms. Myrna Cruz**  
 Master of Ceremony



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**Day 2 – July 29, 2022**

<b>Time</b>	<b>Activity</b>	<b>Technical Support</b>
8:45 – 9:10 a.m.	Preliminaries	Technical Support
	Recapitulation	<b>Mr. Joemel Bautista</b> Director for Special Projects, Innovations and Concerns
9:11-9:15 a.m.	Introduction of Keynote Speaker 2	<b>Dr. Ernesto R. Concepcion</b> Vice-President for Administration and Finance
9:16-9:45 a.m.	Keynote Speaker Issues and trends in Higher Education	<b>Dr. Cecilia S. Navasero-Gascon</b> President, Bulacan State University
9:46-10:00 a.m.	Health Break	
10:00-10:30 am	Plenary Session 4 Emerging and innovative pedagogy in the new normal	<b>Dr. Dexter R. Buted</b> President, Pangasinan State University
10:31-11:00 am	Plenary Session 5 The Role of Polytechnic Colleges in Human Capital Development in Southeast Asia	<b>Dr. Ethel Agnes Pascua- Valenzuela</b> Director of the Southeast Asian Ministers of Education Organization (SEAMEO Secretariat)
11:01-11:30	Plenary Session 6 Best Practices for Seamless and Future Ready Higher Education	<b>Dr. Tirso Ronquillo</b> PASUC President President, Batangas State University
11:31-12:00 nn	Open Forum and Awarding of Certificates	<b>Dr. Ernesto R. Concepcion</b> Vice-President for Administration and Finance
12:01-1:00 p.m.	Lunch Break	



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1:01 – 4:00 p.m.	<p>Paper Presentations</p> <p><i>Breakout Sessions</i></p> <p>Industry 4.0 and SMART Technology</p> <p>Borderless and Inclusive Education</p> <p>Cultural Studies and Community Development</p> <p>Science, Technology and Allied Fields</p>	<p>Session Chairs and Technical Support</p> <p>Engr. Philip I. Salvalaza Dr. Ernesto R. Concepcion</p> <p>Prof. Reynaldo C. Rivera Jr. Prof. Olive C. Delfino</p> <p>Prof. Joemel V. Bautista Prof. Edmund G. Arias</p> <p>Prof. Marlon C. Altiche Prof. Anna Khristina B. Buday</p>
4:01-5:00 p.m.	<p>Closing Ceremony</p> <ul style="list-style-type: none"><li>• Awarding of Best Research Papers</li><li>• Closing Remarks</li></ul>	

**Ms. Myrna Cruz**  
Master of Ceremony



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**Theme: Future-Ready HEI: Embracing the Culture of Internationalization and Global**  
**Citizenship Education**

**THE SPEAKERS**

**DDG Rosanna A. Urdaneta** is the Deputy Director General for Policies and Planning. Her leadership and foresight has driven TESDA into international prominence, especially with the establishment of the ASEAN TVET Council (ATC), while securing the relevance of technical vocational education and training (TVET) at the national level. She is instrumental in spearheading key policy reforms directed at guaranteeing the readiness of the TVET sector for the Fourth Industrial Revolution. She further facilitated the strengthening of industry participation and partnership in TVET thru the formulation of a blueprint for the TVET sector in the country known as the National Technical Education and Skills Development Plan 2018 to 2022. She is currently the Asia-Pacific Economic Cooperation (APEC) Human Resources Development Working Group (HRDWG) Capacity Building Network (CBN) Coordinator for 2021 to 2022.

Her remarkable contributions for the National Manpower and Youth Council (NMYC) and towards the growing global recognition of the TVET system in the Philippines have been greatly valued and continue to manifest in TESDA's successes.

DDG Urdaneta holds a Master's degree in Development Management from the Asian Institute of Management (AIM) and earned her Economics degree from the University of Sto. Tomas.

**REZIA USMAN** is a passionate educator with interests in language education and international education. My work experience extends from international higher-ed relations, student recruitment, classroom language teaching, teacher training, curriculum development, program implementation supervision, maintaining relationships with schools, providing academic information, and consultation on international program implementation. On top of the academic related experience, she possesses great potential in salesmanship in addition to a strong customer-oriented attitude. This particular skill allows her to gain full understanding on the aspect of business of an education management company. The unique combination of both academic knowledge and business development allows her to have a well-rounded understanding of how education management institutions work.

**DZULKIFLI ABDUL RAZAK** is the Rector of the International Islamic University Malaysia. He was the Vice Chancellor, Universiti Sains Malaysia (2000-2011). He is the immediate past president of IAU, a Paris based UNESCO-affiliated organisation. He was the Convenor of the RCE on Education for Sustainable Development based in USM beginning 2005. Dzul was awarded the prestigious *2017 Gilbert Medal* by Universitas 21 in recognition of his long-term commitment to a sustainable approach to international higher education. He is a Fellow of the Academy of Sciences Malaysia, World Academy of Art & Science and the World Academy of Islamic Management. Dzul was an Honorary Professor at the University of Nottingham from 2014 until August 2020. He is a member of the Advisory Board of the Right Livelihood College Steering Committee based at University of Bonn and an Advisory Board Member, Institute of Sustainable Development and Learning at Leuphana University. He was an invited speaker at the 2015 Nobel Dialogue in Sweden. In October 2020, he was appointed as a member of Qatar Foundation Higher Education Strategy Advisory Panel. Besides, Dzul is also a member of the UN Academic Network for Development Dialogue (ANDD), World Islamic Economic Forum (WIEF) and National Digital Economy & 4IR Council. In February 2021, he was invited to serve as an Expert for the Futures of Higher Education Project at UNESCO's IESALC.



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**MARK A. HUBBS** brings ten years of experience in the field of training for industrially relevant skills. Mark holds a Master's degree in Mechanical Engineering and a licensed Professional Engineer. Prior to coming to Amatrol, Mark spent more than sixteen years in a variety of engineering roles in areas such as the paper industry, manufacturing and in automotive industry in roles as engineering, engineering management, and program management. Mark's career in industry included experiences in locales around the world including the USA, Mexico, and Germany. As Director of International Sales at Amatrol, his role is to oversee the worldwide sales and distribution of training products to the secondary, post-secondary and industry clients. Mark has been involved in many projects focusing on developing effective instructional environments to help prepare a skilled workforce. These environments include student learning materials and hands-on equipment that ensures both knowledge of the various technologies and effective problem-solving skills. Recently, much of the Amatrol product development has been associated with developing training systems for the expanding needs of the industrial sector, the renewable energy industry, and more sophisticated Industry 4.0 automation systems. This has resulted in collaboration with schools and industry leaders in these areas to ensure that the new developments meet the needs of these emerging technologies.

**ENGR. NASTARAN, REZA NAZAR ZADEH, Ph.D. ECE, MS CpE** is computer engineer with over seven years of teaching experience in electronic and computer engineering programs at Jose Rizal University and other reputable academic institutions. In addition, she was engaged in panelling, advising several college students' thesis projects, and conducted five robotic competitions within her institution. She is a researcher and adviser in robotic and artificial intelligence who graduated with a Master of science in Computer Engineering for Mapua University. She is currently taking her Ph.D. in Electronic Engineering from the same university. She has published several papers in SCOPUS and ASEAN indexed journals. Two of her recent published projects are: "Autonomous Smart Farming System Using FLANN-based Feature Matcher with Robotic Arm" and Fixed Shooting and Dropping Mechanism for Fire-Extinguishing Ball in Conceptual System of UAV in Smart City Fire Fighting." She was the conference Chair of the 3<sup>rd</sup> International Conference on Automation, Mechatronics, and Robotics (ICAMEROB) and acted as the Chief of Editor for the 2<sup>nd</sup> ICAMEROB. Currently, she is the Vice-President of Robotic in the "Mechatronics and Robotics Society of the Philippines" and the MRSP Representative in the Global Robot Cluster (GRC) Robot Test Field Innovation Project.

**CECILIA S. NAVASERO-GASCON, Ph. D.**, is the incumbent Bulacan State University (BulSU) President, and South Luzon State University (SLSU) past President (2004-2015). She obtained her Ph. D. in Forestry and Forestry and Silviculture from the University of the Philippines-Los Baños. She also completed an Executive Course in Management of the Environment, with Distinction, and Management of Change for Organizational Transition, from The Maastricht School of Management, The Netherlands, under the Netherlands Fellowship Program. A recipient of International Honor Society of Agriculture-UPLB, Outstanding Alumna Award-*Outstanding Institutional Service in the Education Sector-UPPLB College of Forestry and Natural Resources, 2017*, and Quezon Medalya ng Karangalan para sa Edukasyon-*Provincial Government of Quezon, 2014*. She is an Adopted Daughter of Bulacan awarded by the Provincial Government of Bulacan in 2018, and received the Exemplary Leadership Award from the International Distance Education Accreditation League Inc. – Malaysia in 2012, Outstanding Alumna Award -Special Achievement Award for Research and Administration from UPLB College of Forestry and Natural Resources in 2005, and Outstanding Alumna Award from UPLB School of Environmental Science and Management (SESAM) in 2000.



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**DR ETHEL AGNES PASCUA- VALENZUELA** is the director of the SEAMEO Secretariat, which serves as the executive arm of the SEAMEO Council of Ministers of Education from 11 member states that make up SEAMEO. She is the 18th Director of SEAMEO Secretariat and the first woman director since SEAMEO's establishment in 1965.

Prior to joining SEAMEO, Dr Valenzuela also served in the Philippines as Commissioner of UNESCO National Commission (2003-2010) and played an integral role in the ratification of UNESCO Mutual Recognition of Higher Education Degrees, Studies and Certificates (2003) as well as in the drafting of the TOKYO Convention for the Recognition of Higher Education Qualifications (2011). She served as Director IV of the Commission on Higher Education for the Office of Student Services and Director III of the International Affairs Services. An accomplished academic and writer, Dr Valenzuela led SEAMEO researches on K to 12 Toolkit, Regional Comparison of K to 12 Systems in Southeast Asia, Southeast Asia Teaching Competency Standards, Education for All Assessment of the Philippines, ESD Toolkit, UNESCO Toolkit for the Recognition of Higher Education Qualifications and Toolkit for National Information Centre to name a few and two Outstanding EIU Best Case Studies from UNESCO APCEIU on Peace Education and Literacy.

As a passionate educator, Dr Valenzuela also serves as Professorial Lecturer at the Department of Educational Leadership and Professional Services, College of Education, at the University of the Philippines -Diliman Philippines since 2006.

**DR. DEXTER RESPICIO BUTED** is foregrounded on an intersperse of varying discipline and turfs. His experience in government and public service paved the way for the crafting of a sturdy strategic plan as the backbone of his vision to make Pangasinan State University (PSU) an ASEAN Premiere Academic Institution into a reality. As current and 6<sup>th</sup> University President of PSU, he has introduced transparent governance as key towards transformation – a principle guiding him since he was Batangas Province's top legislator and Lyceum of the Philippines University's management executive. He introduced reforms by investing in the people and in the process, which granted PSU an ISO 9001:2015 Certification status, ranked 7<sup>th</sup> as Top Ranking SUC in the country, and jumpstarted the conduct of ongoing Investors in People accreditation and soon, the Philippine Quality Awards. More so, his firm stance and clear plan of action have ushered greater gain in terms of infrastructure and technology in all units and campuses of PSU and the strengthening upgrading of both its academic curriculum and extracurricular affairs. All of these exemplary and selfless achievements of his, have been subject of commendation as an Outstanding Administrator by the Honorable Members of the Board of Regents.

**DR. TIRSO A. RONQUILLO** was appointed President of Batangas State University in July 2014 at the age of 41, making him the youngest president in the history of the institution. He was reappointed for a second term in 2018 and continued driving the university at the forefront of development by providing quality education, research and extension services, armed with the best practices in academic and fiscal management. A full-fledged professor since 2011, Dr. Ronquillo has a rich academic and professional background in management and engineering, having a PhD degree in Management and a Master's degree in Electronics Engineering. He is also a member of the Australasian Association for Engineering Education, and was awarded as the country's Most Outstanding Electronics Engineer in the Academe in 2013, conferred as an ASEAN Engineer in 2012, and received the Presidential Award of Recognition and Outstanding Faculty of the Year in 2011 and 2005, respectively. In addition, Dr. Ronquillo was re-elected as President of the Philippine Association of State Universities and Colleges (PASUC), thus leading all presidents of state-governed higher education institutions in the country in strategic planning and policy formulation. In his capacity as PASUC President, he has taken an active role in various milestone projects, one of which is the implementation of the Universal Access to Quality Tertiary Education Act that provides free tuition and miscellaneous fees in state and local universities and colleges. He also forwards the creation of additional permanent positions for faculty and employees, and other strategic initiatives for the continuous development of higher education institutions in the country.



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**1ST VIRTUAL INTERNATIONAL CONFERENCE ON INNOVATIONS AND EDUCATION**  
**Theme: Future-Ready HEI: Embracing the Culture of Internationalization**  
**and Global Citizenship Education**

**ABOUT THE SESSIONS**

**Sustainable Practices for Seamless and Future Ready Higher Education**

Education needs a pathway to acquire expertise and form meaningful connections to peers and mentors to become successful. This journey begins with a base of knowledge and abilities that can be augmented and enhanced throughout our lives. Advances in learning sciences have provided new insights into how people learn. Technology can be a powerful tool to re-imagine learning experiences on the basis of those insights. In this session, participants will be led in discovering research-based practices to sustain future-ready education.

**Future-Proofing the Educational Institutions**

Universities and colleges are semi-autonomous operating units, with important information on the impact of trends dispersed across them. Stakeholders like faculty, staff and external community members are aware of some trends, but few have sufficient information to understand their full impact on the institution's future. Universities and Colleges without a visible strategy will not flourish and may not even survive. This session will equip the participants by understanding the best strategy in aiming successful future-proofing.

**Humanizing Technology for Smart Innovations and Industry 4.0**

Innovations must be accessible, simple, reassuring, useful and non-invasive. Today, the primary purpose of developers and providers in industry 4.0 is to integrate a human point of view to the innovation. This session will discuss the technological solutions that keep on developing straight to our everyday life.

**The Sustainable Development Goals towards Industrial 4.0**

Industry 4.0 uses in industrialization, state of art infrastructure, and fostering innovation leads to development in high income growth of an economy through job creation, income increase, and social equality for a better standard of living. The essential goal of industry 4.0 is to make manufacturing-and related industries such as logistics-faster, more efficient and more customer-centric, while at the same time going beyond automation and optimization and detecting new business opportunities and models.



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### **The Role of Polytechnic Colleges in Human Capital Development in Southeast Asia**

Through education, specific human capital abilities would be acquired. This will include acquisition of conceptual knowledge, development of capabilities, development of skills, attitudes and orientation. An educated society facilitates better development programs than an illiterate one. Education improves productivity and prosperity, and also improves enriched life experience. Education increases national income and other cultural richness.

### **Borderless Education**

This compasses a wide range of activities, from online training, off-shore campuses, technology-assisted teaching, and franchising of curricula. With the evolution of learning technology and society, students must add to their current curriculum a new set of skills known as transversal competencies, also referred to as "twenty-first-century skills," that aim to meet challenges such as technological advances and intercultural communication. The continuing merger of information and communication technologies (ICTs) with affordable online learning solutions and internet access devices is rapidly redefining geographic boundaries of education.