



UNIVERSITY OF SANTO TOMAS

UST Alumni Association Inc.

*in partnership with*

The Graduate School

Center for Continuing Professional Education & Development

# NATIONAL MULTISECTORAL SUMMIT for EDUCATIONAL TRANSFORMATION:

An Academe • Alumni • Industry  
• Government Collaboration  
(AAIG 2021 Summit)

3 & 17 September 2021

1 & 15 October 2021

# NATIONAL SUMMIT PROCEEDINGS



**AAIG** 2021  
INTERNATIONAL SUMMIT



## National Multisectoral Summit for Educational Transformation: An Academe - Alumni - Industry - Government Collaboration

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### NATIONAL MULTISECTORAL SUMMIT FOR EDUCATIONAL TRANSFORMATION

An Academe, Alumni Industry Government Collaboration  
National Summit Proceedings

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# ABOUT AAIG

In the current VUCA (Volatility, Uncertainty, Complexity, and Ambiguity) environment, the UST Alumni Association Inc. (USTAAI) in partnership with the UST Graduate School Center for Continuing Professional Education and Development (UST GS CCPED) is cognizant of the challenges that thousands of fresh graduates experience in search for a rewarding employment and career in the world of work. We believe that there is a need for a meaningful conversation among the powerful players that create or break the future of the alumni, namely, the academe, industry and government. Such conversation will hopefully achieve inclusive and sustainable development for the alumni and the country.

The Academe, Alumni, Industry and Government or AAIG Summit is meant to identify current issues and concerns of young alumni as they transition to the world of work; to identify the causes of these issues and concerns; and to bring to the fore the possibilities of alliances that can foster conversations and innovative pathways to inclusive and sustainable development for the young alumni and the country.

As a follow through of the AAIG Summit in February 2019, the USTAAI and UST GSCCPED deem it fit to embark on the National Multisectoral Summit for Educational Transformation: An Academe - Alumni - Industry - Government Collaboration (AAIG 2021) to call for the Commission of Higher Education (CHED), Department of Education (DepEd), Technical Education and Skills Development Authority (TESDA), basic and tertiary education institutions, industry, and government agencies to forge a common innovative pathway to inclusive and sustainable life success for the alumni and development for the country.

**JONATHAN PERAN**  
*Chair, AAIG Secretariat*

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## DR. EVELYN SONGCO

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*President*

*UST Alumni Association, Inc.*



## MESSAGE

**T**he UST Alumni Association Inc. believes that as an organized alumni group, it has the capability to contribute to the enhancement of the educational ecology in the country. In this light, it initiated the first Alumni, Academe, Industry, Government (AAIG) Summit in 2019 in partnership with One Meralco Foundation, Shell Philippines, and Basic Environmental System Technologies.

The response of the participants to the 2019 AAIG inspired the UST AAI to continue with the 2021 AAIG despite the challenges of the pandemic. Once more, the response of the participants indicates an overwhelming success.

This report is dedicated to all the participants, resource persons, sponsors, and the organizing committee of the 2021 AAIG. Every sector has contributed invaluable insights that could lead to academe, industry, and government convergence to the benefit of the alumni and the Filipino society as these sectors clearly presented their roadmaps in response to Industry 4.0.

I hope that together, the AAIG can design a single roadmap clearly defining the role of each sector in the journey towards a common vision that puts our alumni at the center.

Industry 4.0 is humankind's great leap forward. In many ways, it also has great potential for disruptions, disturbances, and displacements. Inevitably, humankind will journey towards Industry 5.0. We shall all anticipate a parallel journey among the academe, industry, and government that will recreate a well-integrated educational ecology, prepare graduates, and reskill alumni.

Congratulations to everyone! Let this AAIG Report be the Thomasian footprint that will inspire all of us to sustain our initiatives in the service of our country and of the world.

Mabuhay!



## DEAN HENRY S. TENEDERO

*Convener  
AAIG Summit 2021*

### WHAT IS THE AAIG REPORT?

It is about **transforming change** by bridging the gap, in concrete terms, between the academe and industry in the light of challenges brought by the pandemic and the transition to an Industry 4.0 Workplace.

It is about **catalyzing strategic and sustained partnerships** among the academe, alumni, industry and government sectors for inclusive growth and success, enabling the attainment of the fullest realization of the dreams and potentials of the graduating students.

It is about **building appropriate skills and competencies** by incorporating programs based on life skills that nurture the compassionate hearts, not just the thinking minds, of the learners and developing their essential skills, not just academic learning.

It is about **redefining and rehumanizing the new roles of the learning institutions** through the fostering of the creation, advancement and dissemination of knowledge anchored on the triple goals of equity, relevance and excellence in policy-making and practice.

It is about **nurturing the “new” roles of alumni associations** by veering away from its usual “social and fund-raising clubs branding” to champion social causes redounding to human capital development of its stakeholders.

It is about **coming and responding together** to the demands and imperatives of local and global employment opportunities within the purview of a 4.0 Workplace environment.

It is about **advancing and progressing sustainability** to move these partnerships beyond the proverbial “shaking of hands” and collectively pledge towards the pursuit of the common good.

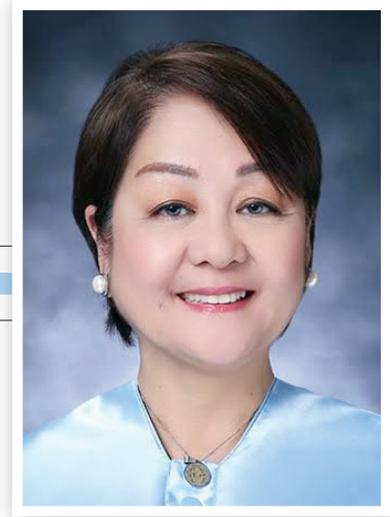
#### FACILITATION GUIDE

1. Point of Happiness pertains to salient points that create the elements of delight and happiness.
2. Point of Pearl Making refers to the irritations that could be transformed into a gem.
3. Point of Innovation refers to new and creative approaches to address the problems and turn them into pearls.
4. Point of Passion highlights the organization’s positive characteristics.

## ASSOC. PROF. JOCELYN F. AGCAOILI

*Director*

*UST Graduate School Center for Continuing  
Professional Education and Development*



### SUMMIT OVERVIEW

This National Multisectoral Summit for Educational Transformation: An Academe - Alumni - Industry - Government Collaboration (AAIG 2021) is a sequel to the National Summit of Alumni, Academe, Industry and Government: Forging Strategic Alliances for Inclusive Success (AAIG 2019) held in 24 to 26 January 2019. It can be said that this AAIG 2021 is a fulfillment of the Manifestation of Solidarity forged at that time.

AAIG 2019 started the conversations among these social institutions to identify issues and concerns of our young alumni as they transition to the world of work; identify the causes of these issues and concerns; and bring to the fore the possibilities of alliances that can foster conversations and innovative pathways to inclusive and sustainable development for the young alumni and the country. Indeed AAIG 2019 was able to catalyze change by enjoining industry and business leaders to envision innovative and collaborative practices in bridging the academe and industry gap; spark strategic alliances and partnerships among the alumni, academe, industry and government sectors towards inclusive growth and success; and provide a venue for responding together to the imperatives of local and global employment challenges to build a better tomorrow for our citizens.

Now with AAIG 2021, as promised in the Manifestation of Solidarity of AAIG 2019 of a regular staging of a Summit every other year, despite all odds and challenges brought about by this pandemic, the UST Alumni Association Inc. in partnership with the UST Graduate School Center for Continuing Professional Education and Development once again embarks in this webinar series. We hope to create synergies, achieve successes and drum up widening awareness and interest on its mission of further strengthening the call for leaders in the government agencies particularly the Commission of Higher Education (CHED), Department of Education (DepEd), Technical Education and Skills Development Authority (TESDA), the Department of Labor and Employment, the basic and tertiary education institutions, and the industry. It is time to continue the conversations to forge a common innovative pathway to inclusive and sustainable life success for the alumni and towards development for the country.

The main objective of this AAIG 2021 webinar series is to catalyze the transformation of the Philippine educational landscape towards Education 4.0 by enjoining these sectors to come together in dialogue to adapt pioneering and collaborative practices in bridging the academe and industry gap, and to continue to be an efficient and sustainable platform for feedback and continuing conversations for future engagements. We also want to build a robust ecosystem where fast incubation and birth of innovative pathways lead to inclusive success and national development through redefinition of the roles of learning institutions by nurturing new ways of academic thinking which may in turn facilitate new ways of learning across various academic disciplines.

Although each webinar is complete in itself, we enjoin everyone to be with us in all the four webinars. Let us be one with the University of Santo Tomas and the UST Alumni Association in embracing and pushing forward this advocacy for Educational Transformation so that together we may respond to the imperatives of local and global employment challenges to build a better tomorrow for our citizens and our beloved country.

# AAIG 2021 SUMMIT FACT SHEET

## ABOUT THE SUMMIT

The main objective of this webinar series is to catalyze the transformation of the Philippine educational landscape towards Education 4.0 by enjoining the academe, alumni, industry, and government sectors to come together in dialogue to adapt innovative and collaborative practices in bridging the academe and industry gap. The AAIG 2021 aims to provide an efficient platform for feedback and continuing conversation for future engagements and to build a robust ecosystem where fast incubation, and birth of innovative pathways lead to inclusive life success and national development.

### Program At A Glance

- **TRANSITIONING THE GRADUATES TO INDUSTRY 4.0 WORKPLACE**  
(What do Educational Institutions have to do to prepare the workforce for industry 4.0?)  
September 3, 2021 (9:00am To 12:00pm)  
Invocation: Monsignor Bernardo R. Pantin, PC, JCD  
Moderator: Prof. Clarence M. Batan, PhD
- **INDUSTRY 4.0: DISRUPTIONS, DISTURBANCES & DISORDERS**  
(What are the challenges that Industry 4.0 brings to Higher education?)  
September 17, 2021 (9:00am To 12:00pm)  
Invocation: Inocencia Ida S. Tionko, RN, MHPED  
Moderator: Assoc. Prof. Emmanuel D. Batoon, PhD
- **HIGHER EDUCATION IN THE INDUSTRY 4.0 ERA**  
(What is to be done by each sector to catalyze the transformation of the Philippine educational landscape towards Education 4.0?)  
October 1, 2021 (9:00am To 12:00pm)  
Invocation: Marilyn L. Cano, PhD  
Moderator: Prof. Nanette O. Fernandez
- **TOWARDS A ROBUST ECOSYSTEM FOR TRANSFORMATIVE EDUCATION**  
October 15, 2021 (9:00am To 12:00pm)  
Invocation: Monsignor Bernardo R. Pantin, PC, JCD  
Moderator: Atty. Dwight M. Ramos

# WEBINAR 1

## TRANSITIONING THE GRADUATES TO INDUSTRY 4.0 WORKPLACE (What do Educational Institutions have to do to prepare the workforce for industry 4.0?)

### OPENING REMARKS

**PROF. CHERYL RAMOS PERALTA, DrPH, PTRP**

Vice Rector for Academic Affairs, University of Santo Tomas

I congratulate the UST Alumni Association Incorporated and the UST Graduate School Center for Continuing Professional Education for this very successful and timely undertaking. The University of Santo Tomas is one with you in this worthwhile activity and we are very proud of our alumni's initiatives in spearheading a collaborative approach to addressing the challenges of a volatile, uncertain, complex and ambiguous or VUCA world. The University of Santo Tomas continues to dedicate itself to the formation of competent and compassionate professionals, committed to the service of the Church, the nation and the global community. In its 409 years of delivering quality Catholic education, UST has produced thousands of alumni leaders who shape the future of society. In the midst of the Covid-19 pandemic, a great number of Thomasians serve the country and the world in various capacities and industries, helping us overcome the unprecedented disruptions over current time. In the month of August 2021, the University of Santo Tomas had the privilege of participating in the Technical Working Group (TWG) convened by the Senate of the Philippines to draft an act to create a second Congressional Commission on education to assess and evaluate the state of Philippine education and recommend innovative and targeted reforms in education, otherwise known as EDCOM 2.

The TWG was participated in by policy makers and key players in Philippine education, including the Department of Education, the Technical Education and Skills Development Authority, and the Commission on Higher Education. EDCOM 2 recognizes that there is a need for transformative, concrete and targeted reforms in education and the University is honored to be heard in this forum on behalf of its internal and external stakeholders including the thousands of students and alumni that we serve every academic year.

As it is, the Covid-19 pandemic continues to bring significant financial challenges to the private education sector and the economic sector, and government support is crucial to allow them to recover from the impact of this global crisis and help address the skills gap among our graduates. Thus, UST recommended that EDCOM 2 be undertaken as a multi-sectoral, multi-disciplinary initiative involving legislative, education and industry sectors, ensuring public and private representations to guarantee a comprehensive assessment of the current status of education at all levels; identify the evolving needs of all involved sectors; establish best practices and develop potential strategies that may be undertaken to solve the current crisis in education. The AAIG Summit 2021 is a valuable step in this direction. This is indeed a great opportunity for feedback and continuing conversation for future engagements and to build a robust ecosystem where fast incubation and birth of innovative pathways lead to inclusive life success and national development. May we develop powerful partnerships that will not only prepare fresh graduates for the world of work but likewise reskill and upskill current professionals to help them adapt to the rapidly changing demands of the workplace.

Let us create a vision of our preferred future: understand connections by listening to our stakeholders, clearly and quickly make sense of the details of the chaos around us, and adapt quickly to apply solutions.



*Regardless of what industry number that we will transition to in the future, all of these things that you have learned are actually very important and are keys to success of our country, and into your own success. So please continue to leverage on these learnings, continue to reach out and continue to collaborate, not just with your students but to the professors, to the teachers, to the industry that you want to belong with in the future.*



## **Speaker**

### **ROLANDO J. PAULINO, JR.**

*Managing Director and General Manager, Shell Philippines Exploration B.V.*

#### **Point of Happiness**

I think the experiences that I had led me to two things, and that is really about creating and making dreams possible and that our success is not just about ourselves but it's really about making others successful.

#### **Point of Pearl Making**

The question that I have myself is, if the needs are not changing, what is changing with Industry 4.0? What remains constant is really about understanding the fundamentals because for you to learn new skills and be able to adapt and to be able to make sense of all these information that we have, you need to have a very fundamental understanding of subjects that you're really passionate about.

#### **Point of Innovation**

For me what is more fundamental is actually being able to do the things we want to do now and start influencing the journey that we have. It is about falling in love with the subjects that we're passionate about. It is about communicating, engaging and actively participating in the discourse. It is important that leadership skills of empathy, listening, finding your own purpose, communicating and collaboration continue to be an important and fundamental part of the education system that we have but also a very important part of the society that we continue to live with.

#### **Point of Passion**

I learned to understand that behind the technology and the technical things that I'm doing, I'm also doing it for something bigger. And that's really being part of an organization and being part of something that actually helps others to become successful. What is more important is not the vast knowledge that we continuously have. It is important to continue to develop ourselves, but what's more important is that we have the understanding of what's really important.

Full transcript:

<https://ustalumniassociation.org/2021/11/04/aaig-2021-summit-transcript-engr-rolando-paulino-jr>

“

*We have to all work together, and we have to open ourselves to whatever opportunities that come our way. And when those opportunities arrive, you just have to blossom where you are planted. And you will be rewarded with so many things, sometimes unexpectedly.*

”



## Speaker

### JEFFREY O. TARAYAO

*President, One Meralco Foundation*

#### Point of Happiness

So we already heard how technological progress is enabling machines to complete many of the tasks that once required human beings. Nearly every job will change. Many quite profoundly and the overwhelming majority of today's employees will need to develop new skills. Thus, universities will play an important role in nurturing high skill talent the country needs for sustainable economic growth.

#### Point of Pearl Making

The automation revolution has been accelerated by Covid-19. Companies are emerging from the crisis into a workplace of physical distancing and major changes in customer behaviors and preferences. Covid-19 has for the first time elevated the importance of the physical dimension of work. It has propelled faster adoption of automation and artificial intelligence, especially in work arenas with high physical proximity. And recovery is forcing organizations to re-imagine their operations, adapting to digitally driven operations and customer journeys.

#### Point of Innovation

I think the pivotal reality is that those changes will have significant effects on the requirements for workforce skills and capabilities. Particularly in two types in which it forces upskilling in which staff gain new skills to help in their current roles, and reskilling in which staff need the capabilities to take on different or entirely new roles. Companies will need people with the right skills to develop, manage and maintain their automated equipment and digital processes, and to do the jobs that machines cannot.

#### Point of Passion

Today, the operative term is right skilling. The right skilling can actually start earlier on in the university. Of course through probably the development of Education 4.0 designed for the Learner 4.0. But this may also be achieved by maximizing the ecosystem where educational institutions belong to transform into an innovation-based and futures-thinking-based educational institution. Therefore, a shared value relationship between educational institutions and companies, blueprinted probably by policymakers, can help facilitate workforce transitions.



*Higher education institutions in the Philippines certainly have their agenda full in terms of collaborating and working with government agencies, other academic institutions and the industry sector. We are definite that our colleges and universities are working constantly to address the adverse impacts of Covid-19 to the social, economic, political and environmental facets of our society. As we recognize that much have been won in the fight against Covid-19, our higher education institutions must proceed to adapting to the now normal by focusing on future needs.*



### **Speaker**

**DR. ALDRIN A. DARILAG, CHRP, RMT, RN**

*Commissioner, Commission on Higher Education (CHED)*

#### **Point of Happiness**

On my part, with futures-thinking as one of my focal advocacies in the Commission, expect my responsibility of being the torch bearer of this young and growing academic field. I shall fulfill this by strengthening the discourse on futures-thinking in the deliberation and development of new and comprehensive national higher education research agenda of the Philippines.

#### **Point of Pearl Making**

Since Covid has prevented mobility, millions of Filipinos have lost their jobs, sacrificing their daily source of income, endangering the possibility of enrolling their children, resulting to a significant decline in student enrolment, increased reports on school closures and an unexpected faculty retrenchment.

#### **Point of Innovation**

As part of the Commission on Higher Education's continued response to these challenges is the strengthening of partnerships with government, academy and industry which led to the following initiatives. First is the launching of PHL CHED Connect. Second is the Nationwide Caravan for CHED HiEd Bayanihan. Third, making campuses of State Universities and Colleges "SMART". Number four is the rationalization of the CHED-SIKAP Grant.

#### **Point of Passion**

The Commission affirms the conviction that it is through the bayanihan spirit that Filipinos can rise above the crisis and emergencies. This is an assertion of the Commission that tertiary education must espouse the notions, procedures and processes of 21st century learning. The education of the new millennium connotes revolutionized approaches to realize excellent teaching and learning that are at par with international standards.

Full transcript:

<https://ustalummiassociation.org/2021/11/04/aaig-2021-summit-transcript-commissioner-aldrin-darilag>

## WEBINAR 2

### INDUSTRY 4.0: DISRUPTIONS, DISTURBANCES & DISORDERS

(What are the challenges that Industry 4.0 brings to Higher education?)

#### OPENING REMARKS

**MICHAEL ANTHONY C. VASCO, PhD**

Dean, UST Graduate School

**F**or the past 18 months, the world order has been changed dramatically and drastically by the Covid-19 pandemic. It has practically changed and altered our daily routines and work practices. The new normal has posed challenges to education, health care, commerce and trade and the economy. And as we shift to industry 4.0 in the midst of the pandemic, the challenges and issues have become more pronounced, doubly difficult to address. While the pandemic continued to wreak havoc in our health care system and the various social political and cultural domains, and it has also posed great impact to our educational and economic systems, we need to think, to calibrate our strategies to address these challenges. In a recent article published by Bloomberg as regards the scenario of the pandemic in the next six months and beyond, it was noted that the development and outcome of the pandemic depends much on the level of preparedness and continued sustainability of strategies and solutions to resolve and mitigate the impact of the pandemic. It highlighted strategies for the health care system to cope with the possible surges so that we can slowly open our economic system and gradually return to our normal work systems in the new normal.

The strategies employed by the great economic states proved to be effective. It was achieved through a calibrated opening of their economic and educational systems vis-a-vis the effective calibration of strategies employed in their health systems.

It is heartwarming to note that people from countries in Europe, North America and East Asia are beginning to experience their usual work and daily routines in the new normal. People are slowly allowed to attend to their usual functions at work or at school and even attend religious and cultural gatherings. Notable of which was the great cultural gathering at the Metropolitan Opera House in New York to commemorate the 911 event and even the return of Broadway performances to the greater public. More and more countries have allowed some of their students to return to their schools in calibrated manner. In other words, we can already see the light at the end of the tunnel. We are already going there; it is just a question of time when to reach that goal. With the united efforts of institutions of government and the private sector, I am very sure that we will soon join other countries to perform our usual normal routines in the various domains of work in the new normal. What is important at the moment is to strike a balance between the strategies and solutions we offer to address the problems and issues posed by the pandemic with its possible impact and outcomes.

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*Covid-19 has in fact focused us to really embrace the 4th industrial revolution. It has forced to adapt us to the 4th industrial revolution. We see that Covid-19 demonstrated the importance of digital readiness among us, especially our learners and workers.*

”



### **Speaker**

#### **ROSANNA A. URDANETA**

*Deputy Director General for Policies and Planning, Technical Education and Skills Development Authority (TESDA)*

#### **Point of Happiness**

As the TVET authority in the country, TESDA ensures that the TVET sector responds to the requirements of the industry and the world of work. We have serious engagement within TESDA when we come up with training regulations even to the point of planning and prioritization of what particular qualifications will be our priority. Especially in the development of training regulations, even development of training packages, the industry is with us.

#### **Point of Pearl Making**

We at TESDA have this particular challenge that if we come up with training regulations, competency standards, by the time we finish a training regulation, the technology is already obsolete. That is really the basic challenge we face when doing training regulations in TESDA.

#### **Point of Innovation**

I would like to take this opportunity to advocate the Philippine Qualifications Framework (PQF), which was institutionalized to Republic Act 10968 in 2017. The Philippine Qualifications Framework is a national policy that describes the levels of educational qualifications and sets the standards for qualification station outcomes. It is a quality-assured national system for the development, recognition and award of qualification based on standards of knowledge, skills and values acquired in different ways and methods by learners and workers in the country.

#### **Point of Passion**

With the PQF, which is the main objective of supporting academic and worker mobility, TVET is very well situated. As defined by UNESCO and ILO, TVET refers to aspects of the educational process involving, in addition to general education, the study of technologies and related sciences and the acquisition of practical skills, attitudes, understanding and knowledge relating to occupants in various sectors of economic and social life. It has two-pronged strategic direction: TVET for global competitiveness and workforce readiness and TVET for social equity and poverty reduction. Likewise, we have developed the TVET 4.0 framework which is anchored on the NTESDP in ensuring that we prepare the workforce for the 4th Industrial Revolution.

Full transcript:

<https://ustalumniassociation.org/2021/11/17/aaig-2021-summit-transcript-ddg-rosanna-urdaneta>



*In making sure that when we do our mandate, to make sure that there's life-long learning, kailangan maunawaan po ng buong komunidad, ng buong bansa, na ito po ay hindi lamang aming mandato at trabaho sa DepEd, pati na rin sa CHED at TESDA. I'm sure there are laws out there telling our partners, CHED and TESDA, that we have to engage partners and make them realize that this is not the responsibility alone of DepEd, CHED and TESDA but a collective responsibility.*



## **Speaker**

### **TONISITO M.C. UMALI, ESQ.**

*Undersecretary for Legislative Affairs, External Partnerships and Project Management Service, Department of Education*

#### **Point of Happiness**

Private and public schools are partners, and we are investing to improve our learning environment, improving our alternative learning system. Those who cannot enroll in the formal school, we have a very strong alternative learning system.

#### **Point of Pearl Making**

Ito pong school year namin nagsimula September 13. Yung aming enrolment ay nasa 27.5 (million) na sa kabuuan, at sa pampublikong paaralan ay nalampasan na namin yung numero. Bagamat sa private schools ay ang aming nakikita ay medyo bumaba ang bilang, pero sa kabuuan lumalabas lumipat sa pampublikong paaralan. Nauunawan natin ito dahil nga po sa challenges siguro na kumita ang magulang at magbayad ng matrikula.

#### **Point of Innovation**

In DepEd, meron kaming ipinatupad na Basic Education Learning Continuity Plan (BE-LCP). I'm sure in UST and in all other HEIs, bumuo kayo ng plano, paano ninyo masisiguro na maipatuloy ang edukasyon maski ganito ang ating sitwasyon. Sa basic education talagang bawal ang face-to-face. Ang sinasabi ko lamang po ay ang DepEd ay may klaro pong plano katulad ng UST, katulad ng CHED at TESDA, para po magpatuloy ang pag-aaral at kung papaano po maisasagawa ito.

#### **Point of Passion**

Sa ilalim po ng Saligang Batas Article 2 Section 17, wala na debate at pag-uusap, dahil sinabi na po na ang edukasyon, agham, teknolohiya, sining, kultura pati ang palakasan, pareho po ang DepEd at CHED, ay dapat pong bigyan ng prioridad ng estado to foster patriotism, nationalism, accelerate social progress and promote total human liberation and development.

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*We have to put in place connectivity with faster bandwidth and with access available to all Filipinos from all over the country. Connectivity is essential to modern life and I believe it should be made available for free. Our educators must search for technologies that transform our education system. Educational institutions should fill other roles. One is research and development of new technologies, products and services. The second is to be a stimulus for the growth and development of the communities around it.*

”



## Speaker

### **ALBERTO VICTOR P. FENIX, JR, PhD**

*President, Human Resource Development Fund, Philippine Chamber of Commerce and Industry*

#### **Point of Happiness**

I'm currently one of the members of an education task force convened by the Philippine Chamber of Commerce and Industry and we are in the thick of work to come up with recommendations to improve our education system to meet the demands of the current, of the 4th Industrial Revolution.

#### **Point of Pearl Making**

Higher education needs to move beyond existing approaches. It needs to restructure and utilize new methods of teaching and learning. This process of restructuring higher education must start with restructuring basic education.

#### **Point of Innovation**

In basic education, learners should acquire the 3 R's: Reading, (W)riting and 'Rithmetic. In class today, we must add digital literacy. The learning should be a circular staircase with increasing complexity, as the learner moves from grade level to the next grade level. Learners need a strong foundation in literacy and numeracy. You cannot code if you cannot do math. You cannot communicate effectively if you cannot read or write. You cannot innovate without knowledge. Higher education should continue this circular staircase with still increasing complexity as we give the learners the skills, competencies and capabilities needed in the world of work.

#### **Point of Passion**

It is imperative that we re-structure our education system immediately; we cannot stand still. We must redouble our efforts to shorten the gap or even overtake the other countries. How to achieve this? This is what the PCCI education task force is currently working on: to come up with recommendations to innovate education and transform our future.

Full transcript:

<https://ustalummiassociation.org/2021/11/17/aaig-2021-summit-transcript-dr-alberto-victor-fenix-jr>



*New technologies can drive inclusive, resilient, sustainable, and industrial development for the Philippines. Smart manufacturing introduces innovation and competitiveness, transforming how goods are produced and what goods are produced. In the process, it provides better job and income opportunities, creates new industries and promotes environmental sustainability, builds industrial competitiveness and enhances linkages of enterprises to other industries.*



## **Speaker**

### **RAMON M. LOPEZ**

*Secretary, Department of Trade & Industry*

#### **Point of Happiness**

There are over 790,000 annual college graduates in the country and over 200,000 of these graduates are in the engineering, information technology, and medical-related fields. This is the often-cited factor why many of the foreign investors now located in the country are here. That is one advantage the Philippines has and the reason why we continue to attract investors.

#### **Point of Pearl Making**

The pandemic situation has resulted in the accelerated adoption of digital tools and automation of tasks in all levels of our lives. 55.1% of enterprises are expected to modify their value chain by 2025, and 34.5% are expected to expand their workforce due to automation. Likewise, the technologies most likely to be adopted by 2025 are cloud computing, big data analytics, Internet of Things (IoT), encryption and cyber-security, and artificial intelligence.

#### **Point of Innovation**

Moving to DTI's Industry 4.0 Approach is to support manufacturing firms from end-to-end—from awareness to adoption. DTI provides support throughout the journey of Industry 4.0 transformation of manufacturing enterprises covering all facets of production: skills, financial support, and technology expertise.

#### **Point of Passion**

Our Inclusive Filipinnovation and Entrepreneurship Roadmap aims to increase the country's ability to innovate. With innovation at the core of the country's strategic industry development policies and programs, we are working towards establishing an inclusive innovation and entrepreneurship ecosystem in the country. Our ultimate aim is for the country to be constituted by connected and creative communities in various regions of the country.

## WEBINAR 3

### HIGHER EDUCATION IN THE INDUSTRY 4.0 ERA

(What is to be done by each sector to catalyze the transformation of the Philippine educational landscape towards Education 4.0?)

#### OPENING REMARKS

**INOCENCIA IDA S. TIONKO, RN, MHPED**

Vice President, UST Alumni Association, Inc.

The third industrial revolution has brought educators to an environment where access to information is immediate and free, shifting the focus toward active learning pedagogies that place a premium on collaboration with diverse teams in a project-based and peer-learning environment. Education experts agree that any educational plan for Industry 4.0 must be built upon the results of the third industrial revolution with its emerging development of hybrid, online and in-person instruction, an efficient and seamless integration of global video conferencing, and a wide array of asynchronous educational resources. Blended instruction and optimization of prepped and online courses will make more efficient learning environments. Traditional undergraduate education through information transfer is no longer a viable form of education to ensure employment and a career.

Education through traditional institutions of higher education is still important, but their collaboration with industry and governments need to be much more intense. At this point, I am proud to share that in relation to graduate employability, UST ranked second among Philippine universities in this area according to a survey by London's Quacquarelli Symonds or QS, just released on September 23. These graduate employability rankings evaluate universities according to metrics namely: partnerships with employers, graduate employment rate, employer student connections, alumni outcomes and employer reputation. Indeed, this is proof of the university's performance and commitment in preparing employable and responsible citizens that is required of Education 4.0 for Industry 4.0.

Education through traditional institutions of higher education is still important, but their collaboration with industry and government needs to be much more intense. Higher education must change to prepare their workforce in the fourth industrial revolution. The fourth industrial revolution has changed the landscape of educational innovation, the exact impacts of such technologies and society and the planet is still unknown. The fact that they will bring profound and rapid change seems all but certain. The need for higher education to respond is urgent. Education 4.0 focuses on educational development and skill that has made future learning more customized, hyper intelligent, portable, worldwide and virtual. In the future, there will be a lot of changes in ways of teaching and learning, but the logic of education systems should be such that it is a system that conforms to the learner rather than the learner to the system. This is the essence of personalization.

Full transcript:

<https://ustalumniassociation.org/2021/12/06/aaig-2021-summit-transcript-inocencia-ida-tionko>



*IR 4.0 is not going away, because that is the future. You have to be able to keep up with the advancement...enabling laws that we need to put out there to mandate digital transformation in the country. The use of digital technologies, the creation of new modalities of learning, the creation of a new curriculum that will allow us to keep up with the technology and with the times. So let's please collaborate, we can't do it alone.*



### **Speaker**

**MA. YOLANDA C. CRISANTO, MBA**

*Senior Vice President for Communication, Globe Telecom, Inc.*

#### **Point of Happiness**

Sustainability at Globe is one of our practices. We look at ourselves as a leader in this practice, and this comes from our mission in having a purpose which is in everything we do, we treat people right to create the globe of good.

#### **Point of Pearl Making**

The education sector is one of the most severely impacted by the pandemic. Student enrolment went down. Those who previously studied in private schools moved to public schools and about 860 private schools had to close down. The Department of Education had to implement a modular mode of learning where they transitioned from face-to-face learning to online, print, radio and TV based learning.

#### **Point of Innovation**

As a sector response, we supported DepEd in 3 key areas. First is to address the limited access to the internet. We also worked with DepEd in zero-rating their sources of education content and content platforms to make it easy for teachers and students to get the content that they need. Second, we supported teachers with professional training to boost their confidence in delivering remote learning. And third, we helped address anxiety amongst teachers, students and parents brought by the pandemic by providing mental wellness programs.

#### **Point of Passion**

Globe is helping students gain functional literacy by empowering communities to make early language literacy content accessible and available through our educational platforms. As part of our commitment to the education sector, we recently launched Go Learn, a unified initiative that brings together products, programs and services that will empower the whole learning ecosystem. It aims to deliver affordable connectivity for all, highly accessible platforms aligned with the current learning set up and safer learning environments to protect our educators and learners from online risks.

“

*During the early months of the lockdown, the Federation of Association of Private Schools Administrators (FAPSA) gathered data in relation to the schools that were affected with the Covid-19 pandemic. Nobody volunteered in the regions of Visayas and Mindanao. And even if I am just an ordinary school administrator in a small school in Cebu, I volunteered to take the opportunity to help, especially our affected school administrators, teaching and non-teaching personnel.*

”



## Speaker

### LEO H. ABERION, PhD

Managing Director, StudyPlex Learning and Development Training Center

#### Point of Happiness

The Employees Compensation Commission is an attached agency of DOLE and its administering agency is the SSS. With our monthly contribution of Php 10 or Php 30, we can get assistance/benefit outside of SSS.

#### Point of Pearl Making

The most affected sector during the Covid-19 pandemic especially during the lockdown was the private sector. It's not only the big schools, but the small and medium-sized private schools all over the country. It's very unfortunate for us, even my institution, because we were struggling for four months from April to July before the opening of classes. We tried our best what to do especially for the financial assistance to our teachers considering that they are just earning a little, unlike in the government institutions wherein they are paid regularly even during the pandemic.

#### Point of Innovation

It was only this June that we were able to get the data or information about the benefits that we get from the Employees Compensation Commission. We were able to conduct a series of webinars in terms of Employees Compensation Program, and it helped those affected teaching and non-teaching personnel, because before they do not know that Covid-19 is covered with the Employees Compensation Financial Assistance. It covers work related injuries, sickness and death. They made the process simple; you're just required to submit the SSS sickness notification approval, the COE and your medical certificate.

#### Point of Passion

With the experiences that we have, we are still surviving and of course with the help of God almighty, we keep going. We don't surrender We are a partner of the government in nation building and we hope that the government will continue to assist us especially in facilitating our students to continue their studies amidst the pandemic.

Full transcript:

<https://ustalumniassociation.org/2021/11/17/aaig-2021-summit-transcript-dr-leo-aberion>

“

*I look at this pandemic as a great reset. I think this is a good time for us to start, especially that we have a lot of time. There's no stopping everyone to be teachers, to be educators. In fact, it democratizes learning as well. Because I know the great teachers are also not just in the academe, but also in the industry.*

”

## **Speaker**

### **LEONARDO A. RIINGEN, MBA**

*President & CEO, Informatics College*

#### **Point of Happiness**

Now is the right time actually to capitalize on and look at this pandemic as an opportunity to revolutionize, and to change and put innovation into education.

#### **Point of Pearl Making**

When we got to know that the government locked down the country, it would have a big impact on education, specifically on our education business, in this case Informatics. That was kind of difficult for us because we didn't know whether this Covid pandemic would extend. And there were three options that we were deciding. First is just to wait it out. The second option is to close. And the third one is really to act and adapt. So the great dilemma for everyone is "do we prioritize health or do we prioritize education?"

#### **Point of Innovation**

I found it as an opportunity to revolutionize education, and the only way to do that is to help the country by coming up with solutions. And in this case, it's really EdTech. It is the process of integrating technology. It's basically not replacing teachers, which I think a lot of us fear as educators, but still to build better experiences in teaching and learning, hoping that the outcomes will be much better.

#### **Point of Passion**

Rather than fight technology, you have to live with technology right now and use it. This is what we want and this is something that we don't actually get in school. The role of technology is to enhance rather than to replace human teachers' capabilities and human interaction. The lack of face-to-face class would limit the learning ability of students and it would have a lasting effect when the student enters the labor force. So the effect would not just be on students not learning, but also the economy, because we might have a labor force which is lacking in knowledge. And again, this is where technology should come in, to replace face-to-face.



*All these things will not mean anything if in the end we lose our humanity. Kaya nga as technology rises up, and so the basic component of being human should also rise. Nandyan ang technology in order to enhance and improve our relationships with one another. And of course when I say humanity, it won't be long that we will discuss about who created humanity. Hindi mawawala sa equation ng ating reality ang presence ng higher being, and that is God.*



## Speaker

**REV. FR. JESUS M. MIRANDA, JR., OP, PhD**

*Faculty, Educational Leadership and Management, UST Graduate School*

### Point of Happiness

The world has become fast and it's been moving fast and this is part of the impact that the Industry 4.0 has on us. We are asked to be more flexible, adaptable; you should be a fast learner and be able to sustain being an adult learner, and also give emphasis on being a lifelong learner.

### Point of Pearl Making

We have to understand that Industry 4.0 is not only about the advancement of technology. It is all about making humans at the center of the situation. Technology is just a means, not an end in itself. Technology should be there in order to serve humanity. And so what is needed is still much collaboration among humans, among people. They should still learn how to empathize; they should build up, and in a way, make sure that they are having a good relationship with one another.

### Point of Innovation

Substantial change to the science and technologies curriculum is a must so that students can develop capacity in the rapidly emerging areas. An educational plan for the 4th IR must be built upon the emerging development of hybrid online and in person instruction. It's also a time to see the new role of liberal arts and humanities because as I mentioned at the center of this 4th IR, it's not only technology but still man.

### Point of Passion

Liberal arts and the humanities are supposed to articulate what it means to be human in the 4th IR as it brings new conditions. Before, we always relate with each other physically, personally. But now we relate with each other, as the new condition gives us, virtually. And I think it's the humanities and it is the discipline in the liberal arts that would help us find meaning and deepen our understanding of a new situation of humanity, assisted by technology.

Full transcript:

<https://ustalumniassociation.org/2021/11/17/aaig-2021-summit-transcript-rev-fr-jesus-miranda-jr>

## WEBINAR 4

### TOWARDS A ROBUST ECOSYSTEM FOR TRANSFORMATIVE EDUCATION

#### OPENING REMARKS

**FE A. HIDALGO, PhD**

Former OIC Secretary/Undersecretary, Department of Education

**T**hree years ago, the first three-day summit of Alumni – Academe - Industry and Government (AAIG) met towards a strategic move for collaborative and inclusive public and private sector partnership in development. We had high hopes that the movement was the beginning of a more progressive initiative for development, and that we will see more progressive initiatives, more fellows and scholars as well. As we move towards more productive partnerships and networks in the immediate future and in the long term journey for progress, our coming together in this second summit is a fulfillment of what we had hoped for the long journey for progress which is here very much today. As we begin our discourse, let me share with you an inspiring quote to begin with. “The art of progress is to preserve order amid change, and to preserve change amid order.”

Full transcript:

<https://ustalumniassociation.org/2021/12/06/aaig-2021-summit-transcript-dr-fe-hidalgo>



*The creation of transformative education requires a very close cooperation between schools, the industry and authorities. That is the starting point. However, it is not enough. We also need these networks of like-minded people, the clusters where start-ups and teachers, researchers and educators from basic education to higher education as well as vocational education, the parents, business leaders, artists, learners who can experiment with new ways of learning and new ways of teaching. And of course, we need leadership from policy makers.*



## Speaker

### **WILFREDO E. CABRAL, PhD**

*Regional Director, Department of Education – NCR; Officer-in-Charge,  
Office of the Undersecretary for Human Resource and Organizational Development.*

#### **Point of Happiness**

The future learning ecosystem reflects a transformation away from the disconnected episodic experiences and towards a curated continuum of lifelong learning tailored to individuals and delivered across diverse locations, media and period of time. This will pivot our systems and society to make a way from formal detached education and training towards experiential, personalized and interconnected journeys.

#### **Point of Pearl Making**

Technology amplifies both good and bad teaching, but we must not lose sight of the fact that quality teaching is, and will remain, the center of the learning process.

#### **Point of Innovation**

Learning designers will need to understand how to apply diverse technologies, blend disparate delivery of modalities into holistic experiences, build-in and apply learning analytics, balanced and practical and collective across the diverse communities who actively contribute to the realization of transformative education.

#### **Point of Passion**

The hierarchical arrangement and organization of what is deemed important to teach may not really mirror the reality of today. Instead, we need to view the curriculum as a network where disciplines are developed in an interdisciplinary relationship with one another. And this makes curriculum richly connected to the life and world problems and opportunities, as 21st century skills inform the learning process. This is further highlighted in the goal of the Sustainable Development Goals (SDG) of the United Nations: to ensure inclusive and equitable quality education, and promote lifelong learning opportunities for all.

Full transcript:

<https://ustalumniassociation.org/2021/11/17/aaig-2021-summit-transcript-usec-wilfredo-cabral>

“

*Our biology is fundamentally similar to the biology of our ancestors. But our lives are radically and dramatically different, not because of our biology, but because of our cultural inheritance. And we need to recognize that cultural inheritance is something that is very precious.*

”



## Speaker

**JAMIE METZL, PhD**

*Founding Chair, One Shared World*

### Point of Happiness

Education at its core is the realization of our potential as individuals, as communities and as humans. There is no doubt that as we unlock the secrets of genetic code, we are learning more and more about how much of our identity is coded in our genetics. But it is also true that our lives are in many ways far more determined by our cultural inheritance than even by our genetic inheritance.

### Point of Pearl Making

This is what I said in the earliest days of the pandemic last year, that if we solve the Covid-19 pandemic but don't solve the broader issue of pandemics, we'll get through this and then we'll have the next pandemic and the next one. If we solve the broad issue of pandemics but don't solve climate change, we will be jumping out of the frying pan and literary into the fire, with ecosystem collapses in our oceans and elsewhere. And even if we should rally and solve climate change, if we don't address other global existential issues like proliferating nuclear weapons, what difference does it make if we protect our climate if we end off wiping ourselves out through nuclear war.

### Point of Innovation

The only way that we are going to solve these problems is with empowered global publics around the world. And the only way those publics can be empowered is if we have highly functioning educational systems that give people the tools to learn, which is critically important, to engage, to be citizens of their countries, to be informed citizens of the world.

### Point of Passion

The only skill worth learning is how to learn, how to be wise, how to apply our most cherished values to our greatest challenges, how to apply our most sacred values to guide the application of our increasingly god-like technology. Our greatest asset is our young people, and their greatest asset is their mind.

Full transcript:

<https://ustalumassociation.org/2021/11/17/aaig-2021-summit-transcript-dr-jamie-metzl>



*We collectively believe that transformative education is a matter of human heart, that quality education thru AAIG 2021 is the bridge we must build for our children.*



### *Speaker*

**ERNESTO JAY G. ADALEM, MD, LLB, PhD, DFRIM**

*President, Mount Hermon Academy, Board of Trustees, St. Clare Group of Schools*

#### **Point of Happiness**

Majority of our students from basic education to tertiary levels are coming from depressed communities. Most of our students can only dream of going to the so-called big schools. Yet they carry within them the same dreams and aspirations of every Filipino youth.

#### **Point of Pearl Making**

The sorry state of our small and medium-sized private schools in the Philippines is one for the books, especially during this time of pandemic. Record shows that last school year, almost 1,000 small/medium-sized private schools around the country closed operations, not because the owners no longer believe in the visions and missions for which their schools were founded. But they had to close operations to save on expenses because of the severe impact of the pandemic.

#### **Point of Innovation**

From the ranks of the school administrators in which we belong, we believe on an authentic education reform, renewal and transformation to be meaningful, sustainable. On the ranks of our teachers, we believe in the importance of inculcating in our learners the values and principles of life skills for life success, to nurture our learner's compassionate heart, not just thinking, and develop essential skills not just academic skills. From the ranks of our students, we believe that every child has genius potentials in more ways than one. From the ranks of our parents, we believe that while we're not enjoying the beauty of face-to-face classroom learning due to the pandemic, we must maximize the benefits of the heart-to-heart home learning. From the ranks of all those who serve education: the school owners, school leaders and managers, teachers, psychologists, lawmakers, policymakers, government and private educational institutions must pour a concerted and continuing effort into a review and a reformulation of the educational system even beyond Industry 4.0.

#### **Point of Passion**

We in the small and medium-sized private schools remain steadfast to thrive not just survive. To produce quality and productive graduates even in the midst of this pandemic. We remain with one heart, one head and one hand in perpetuating the gift of perpetual learning.

Full transcript:

<https://ustalumniassociation.org/2021/11/17/aaig-2021-summit-transcript-dr-ernesto-jay-adalem>



*I took this road because I felt duty-bound to contribute to how we could change the way they're running government. So unless we make our feet wet right there, we may not be able to achieve a lot. And I stand by the Thomasian spirit that if everybody's seated you may need to stand up, and if everybody's standing up, you might want to stand out. If everybody has stood out, maybe you want to be the standout, or if everyone is already the standout, maybe you want to be outstanding.*



## Speaker

### **CARL E. BALITA, EDD, RN, RM, LPT**

*President, UST Nursing Alumni Association; Chairperson for Basic Education, Philippine Chamber of Commerce and Industry; Overall Chair, Franchise Asia Philippines.*

#### **Point of Happiness**

One of the good things that happened in our ecosystem of education to transform it is the Philippine Qualifications Framework (PQF) which is our response to the ASEAN Qualification Reference Framework (AQRF) related to the mutual recognition arrangement.

#### **Point of Pearl Making**

There is a need to optimize the Republic Act 11230 which is the Tulong Trabaho, which actually establishes the Philippine Labor Force and Competencies Competitiveness Program and the Tulong Trabaho fund. And this is where the ecosystem really works. Those who are working, who are already employed but may need additional skills and competencies, may go back to school or might go back to training and continue in the pursuit of their lifelong learning skills.

#### **Point of Innovation**

I'd like to present a concept of the Individual Learning Accounts. This provides for funds made available to individuals to purchase training. It is a demand-led approach and therefore this supports the training relevance and responsiveness for the employee. I'm looking at how it can be integrated into some of the existing policies or create even policies in the future, or through some legislative agenda that I look forward into pushing and advocating.

#### **Point of Passion**

As an Outstanding Thomasian Alumnus, I commit to live up to faith, hope and love, and imbued with an ending grace, I will always carry the torch of UST. And what I've learned in UST will become my moral compass to serve and to make other people's lives better. So I am making this stand, and the magic word is really to make a stand.

# IMPRESSIONS

***“Collaborate, create and cultivate. Collaboration is essential as it is the first step in establishing meaningful relationships with the different stakeholders. This collaboration encourages a symbiotic relationship among these partners as they get to create opportunities for improvement and continuous development not only of the students but even of the leaders and movers in the different sectors. Each of the partners play a significant role in molding the future of the youth by creating relevant programs and initiatives that will equip them with the prescribed 21st century skills - the skills that will prepare the students not only in the world of work and the globally competitive aspect of business but also in becoming an integral human being. The partners are responsible for planting the seeds of aspiration to the students to do more and to be more. Therefore the cultivation of these skills and aspirations is necessary and this should be done by means of expertise in the field, clarity of core values, alignment of non-negotiable ethical practices in the organization.”***

- **Dr. Leandro Loyola**

*Director of the College of Student Affairs,  
De La Salle University (Laguna)*

***“The UST Alumni Association believes that the alumni community can play a very crucial and important role in preparing our students beyond the Industrial Revolution 4. We would like to share with you the formation of three core values of competence, compassion, and commitment which can apply to all of us. We believe that the alumni bring with them real life work experiences that serve to prepare the graduates to the challenges of real-life work experiences. We believe that alumni associations can function beyond the traditional social club character and champion projects and programs that enhance our collective sense of humanity. We also believe that alumni associations can champion academic related activities that promote inclusive success. We are one in the goals and objectives of AAIG 2021 and vow to continue supporting its mission towards a robust and transformative education.”***

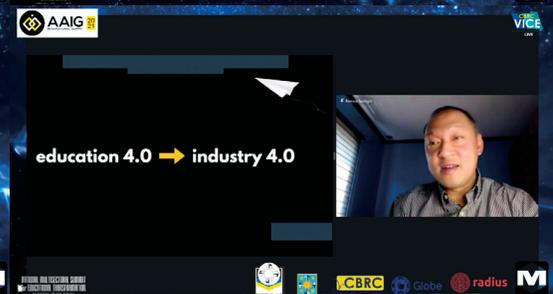
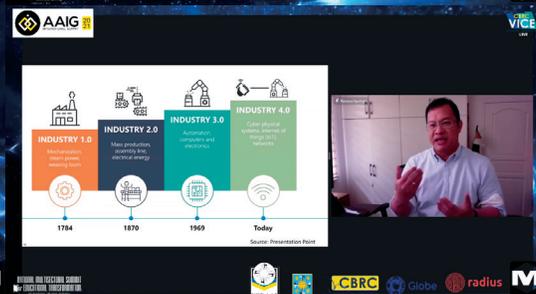
- **Dr. Mildred Mariano**

*President, Tomasinong Kapampangan.*



UNESCO COVID-19 Educational Disruption and Response Taskforce, through its Global Monitoring Report

1.2 billion young learners



**CLOSING REMARKS**

DEAN HENRY S. TENEDERO  
Chairman of the Board, USTAAI  
Convener, AAIG 2021 Summit

Industry 4.0 Workshops

Conducted Industry 4.0 Workshops for more than 200+ C-level company executives

of leading manufacturing firms in the Philippines to introduce Industry 4.0 concepts and technologies and discuss how these can be leveraged to future proof their business.

Sectors: automotive, electronics, aerospace, chemicals, pharmaceutical, and the consumer materials sectors.



**BASIC EDUCATION LEARNING CONTINUITY PLAN**

Titled **LEARNING OPPORTUNITIES SHALL BE AVAILABLE: The Basic Education Learning Continuity Plan (BEL-CP) in the Time of COVID-19**, the BE-LCP provides guidance to all levels of governance of DepEd (Central Office, Regions, Divisions and Schools), and to education partners, in fulfilling our responsibility to provide learning opportunities to our children.

**TVET**

Responding to the Challenges of Industry 4.0 and the New Normal and Beyond

RODRIGUEZ M. LUPINA  
National Adv. Secretary Bureau for Education Transformation

**The Role of Liberal Arts and Humanities**

The Liberal Arts and Humanities are appreciated as the following:

What it means to be human in the 4IR as the revolution brings new human condition?

The shift of approaches stress the digital education is more than a purely technical concern, as online environments change the dynamics of space and time to create new learning cultures that challenge our earlier notions of social interactions and enable new perspectives on our shared humanity independent of geographic boundaries. (Peter Jenkins, "From Anthropogenic Humanism to Critical Post-humanism in Digital Education," in Learning in the Age of Digital Reason (Routledge, Sense Publishers, 2017), 119-121).

**REV. FR. JESUS M. MIRANDA, JR., OP, PhD**  
Faculty, Educational Leadership & Management, UST Graduate School



**EMPLOYEES COMPENSATION PROGRAM: A COMFORT IN THE STORM**

Leo H. Aberion, Ph.D.

**LEO H. ABERION, PH.D**  
Managing Director, StudyPlex Learning and Development Training Center

**Pandemic & post-pandemic strategies for schools**

1. Learning Modules (hard copy, teacher visits)
2. Online/Distance (synchronous via videocon and asynchronous via LMS)
3. Limited Face to Face (scheduling, reduced students / class)
4. Hybrid / Blended (face to face + online/home schooling)

**LEONARDO A. RIINGEN, MBA**  
President & CEO, Informatics College



**GO LEARN: INCLUSIVE EDUCATION IN ACTION**

TILLY AND LEARNING TILLY HAS BECOME

LEARNING OPPORTUNITIES THROUGH WITH (1) AFFORDABLE CONNECTIVITY, (2) ACCESSIBLE LEARNING PLATFORMS, AND (3) SOLUTIONS TO MAKE LEARNING EASIER FOR ALL

**MA. YOLANDA C. CRISANTO, MBA**  
Senior VP for Communication, Globe Telecom, Inc.

**CARL E. BALITA, EDD, RN, RM, LPT**  
President, UST Nursing Alumni Association  
Chairman for Basic Education, Phil Chamber of Commerce and Industry  
Overall Chair, Franchise Asia Phils



**ERNESTO JAY G. ADALEM, MD, LLB, PhD, DFRIM**  
President, Mount Hermon Academy  
Board of Trustees, St. Clare Group of Schools

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**EVELYN A. SONGCO, PHD**  
President  
UST Alumni Association, Inc.

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# UNIVERSITY OF SANTO TOMAS

UST ALUMNI ASSOCIATION INC.

in partnership with

The Graduate School

CENTER FOR CONTINUING PROFESSIONAL EDUCATION AND DEVELOPMENT



## National Multisectoral Summit for Educational Transformation: An Academe – Alumni – Industry – Government Collaboration

### RATING RANGE DESCRIPTION

3.44 - 4.00	-	Outstanding	1.61 - 2.21	-	Below Satisfactory
2.83 - 3.43	-	Highly Satisfactory	1.00 - 1.60	-	Poor
2.22 - 2.82	-	Satisfactory			

<p><b>Webinar 01: “Transitioning the Graduates to Industry 4.0 Workplace”</b> 03 September 2021 🕒 09:00am – 12:00 nn</p> <p><i>OVERALL AVERAGE</i>                      <b>3.79</b>    <i>Outstanding</i></p> <p>WHAT ABOUT THIS COURSE WAS <b><u>MOST</u></b> USEFUL TO YOU?</p> <ul style="list-style-type: none"> <li>- I think it’s more about how essential it is to integrate technology to increase efficiency, productivity and effectivity. Moreover, the importance of learning these technologies and educating myself regarding data management.</li> <li>- I very much appreciate the relevance of the webinar to address current concerns of academe and industry. This is the first webinar that I was able to attend that really discussed a new and relevant topic.</li> <li>- The discussion in the webinar is indeed very informative and transformative especially during this pandemic. It provided a framework for every sector to capitalize on as blueprint.</li> </ul>	<p><b>Webinar 02: “Industry 4.0: Disruptions, Disturbances and Disorders”</b> 17 September 2021 🕒 09:00am – 12:00 nn</p> <p><i>OVERALL AVERAGE</i>                      <b>3.86</b>    <i>Outstanding</i></p> <p>WHAT ABOUT THIS COURSE WAS <b><u>MOST</u></b> USEFUL TO YOU?</p> <ul style="list-style-type: none"> <li>- The coping mechanism on COVID19 in academe; though we cannot guarantee the 100% solution, we can still be resourceful in providing an alternative.</li> <li>- Knowing the current status of different sectors can help in information-giving to students in career counseling, as well strategies imparted and competencies expected</li> <li>- The long term impact to all aspects of industry. This will guide us to focus our efforts in the academe to produce a workforce which would fit the future industry.</li> <li>- Technology and industry is nowadays inevitable in attaining meaningful and practical education.</li> </ul>
<p><b>Webinar 03: “Higher Education in the Industry 4.0 Era”</b> 01 October 2021 🕒 09:00am – 12:00 nn</p> <p><i>OVERALL AVERAGE</i>                      <b>3.91</b>    <i>Outstanding</i></p> <p>WHAT ABOUT THIS COURSE WAS <b><u>MOST</u></b> USEFUL TO YOU?</p> <ul style="list-style-type: none"> <li>- Social Media as powerful tool in bringing knowledge and information in the community</li> <li>- The emphasis of inclusion of humanity in the industry 4.0.</li> <li>- The need to be prepared for contingency and disruption while the learning organization is trying to up the ante in their programs, projects, and initiatives</li> <li>- The most useful for me is the importance of being ready, and of course as a student the internet and technology</li> <li>- Putting deeper meaning in use of digital platforms. It is just a tool but focus should always be improvement of humanity and how we can all be guided by moral and ethical thinking.</li> </ul>	<p><b>Webinar 04: “Towards a Robust Ecosystem for Transformative Education”</b> 15 October 2021 🕒 09:00am – 12:00 nn</p> <p><i>OVERALL AVERAGE</i>                      <b>3.83</b>    <i>Outstanding</i></p> <p>WHAT ABOUT THIS COURSE WAS <b><u>MOST</u></b> USEFUL TO YOU?</p> <ul style="list-style-type: none"> <li>- When one of the speakers mentioned about the importance of maintaining our mental health during this time of pandemic; this is very important since many people, even us, are already experiencing stress and uncertainties because of what is happening around us.</li> <li>- There are things we can do for the transformation of the Philippine educational landscape towards Education 4.0. Every stakeholder needs to lift a finger. Collaboration, cooperation, re-skilling, upskilling are necessary. Re-structuring of the curriculum is MUST to adapt to the present times. We must keep pace with the changing times. Most importantly, we need to be RESILIENT.</li> </ul>

# ACKNOWLEDGEMENTS

## **THE AAIG 2021 CORE TEAM**

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Dean Henry S. Tenedero  
Inocencia Ida S. Tionko  
Assoc. Prof Jocelyn F. Agcaoili  
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## **SINCEREST THANKS AND GRATITUDE**

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## Manifestation of Solidarity

We, the Members and Friends of the University of Santo Tomas Alumni Association Incorporated (USTAAI) who actively participated in the National Multisectoral Summit of Academe, Alumni, Industry and Government 2021 (AAIG 2021), held on September 3 and 17, October 1 and 15, 2021 via Zoom, hereby declare and manifest in solidarity with one another our commitment to the following statements:

Whereas, we are cognizant of the multifarious challenges that fresh graduates experience as they search for rewarding careers in employment or entrepreneurship in today's world of work;

Whereas, we recognize the important roles that the alumni, academe, industry and government play in national development and the unique contribution that each of them makes in creating favorable environments and innovative pathways that enable fresh alumni in transitioning successfully from their pursuit of academic qualifications to their meaningful practice of a profession or a vocation;

Whereas, we value the need for open communication, continuing engagements and joint collaborations among the academe, industry and government in forging collective and alumni-centric initiatives aimed at propelling the fresh alumni toward optimized personal, professional and economic well-being and development; and

Whereas, we believe that the empowered alumni is a critical contributor to the nation's social capital formation and an indispensable force toward the realization of the envisioned inclusive and sustainable development of the Philippines today and well into the future;

Now, therefore, be it Resolved, that the AAIG 2021 participants:

1. Affirm that the AAIG 2021 shall serve as a historical milestone that sets into motion the sustainable regular staging of an AAIG Summit every other year;
2. Endorse that the UST Alumni Association Incorporated and the UST Center for Continuing Professional Education shall continue to spearhead the organizing of the AAIG Summits with support from friends and other likeminded individuals and groups;
3. Commit that In between two AAIG Summits, continuing conversations, collaborations and initiatives with significant alumni, academic, industry and government partners shall be undertaken at various levels – regional, provincial, city, municipal or institutional – to create synergies, achieve successes and drum up widening awareness and interest leading up to the staging of the subsequent AAIG Summits.

Manifested this 15th day of October, 2021

National Multisectoral Summit for Educational Transformation:  
An Academe · Alumni · Industry · Government Collaboration  
(AAIG 2021 Summit)

