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TRANSFORMATION AND RECOVERY AMIDST PANDEMIC THROUGH C.A.R.I.N.G.



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MESSAGE FROM THE OFFICE OF THE PRESIDENT



First of all, I would like to congratulate the National Forensic Science Training Institute (NFSTI) for a job well done in publishing their official newsletter, "The Investigator" for the second half of 2021.

For the past couple of years, we have been trying adapt to the unprecedented changes brought by the pandemic. Although this crisis forced everyone out of their comfort zones, most of us still tend to look at past successes as a blueprint for the future. However, we have to take note that change is happening faster and in exponential ways and we need have a shift in our mindset to ensure the accomplishment of our goals in order to achieve our vision.

In this regard, let me highlight three important facets in shifting our mindset that can serve as our guide in the implementation of the plans and programs of the PPSC and our Constituent Units particularly NFSTI – hindsight, insight, and foresight.

Hindsight is the capability to reflect and learn from the past. Two years ago, NFSTI had a sudden decrease in enrollment but we recognized the need to rebrand course offerings such as CRIDEC allowing the unit to bounce back. Given this lesson, we also used the current situation to our advantage by shifting into an online learning platform and creating a blended learning approach which our clients appreciate more.

Insight is the capability to interpret and respond to the present. To date, I am glad that NFSTI is set to meet its METP targets, attain goals, and continue efforts to remain relevant and known not only to its clientele but to the public as well.

Foresight is the capability to anticipate and prepare for the future. Envisioning that 2022 will be a fresh chapter for NFSTI to become a more responsive training institute for clients and to become more agile in responding to changes effectively and in a timely manner. I am optimistic that NFSTI can follow through on attaining its targets in strengthening its community extensions programs. Further, I am also looking forward to the opening of the Digital Forensic Investigation Course that will further aid in the career progression of our student officers.

With these insights, I am confident that NFSTI can be more empowered as we face 2022!

Mabuhay!

PLTGEN RICARDO F DE LEON, (Ret.), Ph.D.
President, PPSC

MESSAGE FROM THE OFFICE OF THE DIRECTOR

At the onset, I would also like to express my profound gratitude for the entire NFSTI team who put forth their effort surpassing goals for the second semester of the year 2021. I am consistently amazed by your performance and exceeded my expectations at every step. And we know that education has changed dramatically, however we have found a compound way of learning with a successful transition from face to face to online classes. We were able to develop effective online lessons in a very short period of time. Amidst the challenges of the new normal, we see opportunity bloom and surge in providing highly specialized courses in Criminal Investigation Course in Forensic Science. With this in mind, I am proud to say that our webinar programs were also expanded reaching not only limited domain but across the Philippines which helps and allow many more of our clients to attend without the usual limitations of travel and time constraints. While we know this experience will be different, it also serves as a favorable time for NFSTI to be well-known in providing training and education not only for DILG tri- bureaus but also for other interested parties. Also, due to the increasing reliance on scientific methodologies in criminal investigations, this year we aim to accelerate the development of Digital Forensic and Chemistry Laboratory which will strengthen the learning in Forensic Science.

With the guidance of our visionary PPSC President, PLTGEN RICARDO F DE LEON (Ret), Ph.D., undeniably, NFSTI did an outstanding performance that resulted achieving goals to greater heights. As the Director of NFSTI, I have no doubt that with consistent positive attitude, we are now one step closer in achieving our goal for 2030.

MARAMING SALAMAT AT ISANG MAGPAGPALANG ARAW SA ATING LAHAT!

RANDY M MALUYO, Ph.D.
Police Lieutenant Colonel
Director



EDITORIAL

The National Forensic Science Training Institute remains to be resilient in facing the challenges of the new normal. The 2nd half of 2021 has proven that through the passion and dedication of personnel, offering a highly specialized course in crime investigation aided by forensic science is very possible. The NFSTI has passed the 2nd stage audit and is looking forward to its official recognition as an ISO 9001:2015 government agency. The certification will further strengthen the Institute to realize its vision and maintain its affirmation as the premiere training center for a specialized course in Crime Investigation and Detection Course.

As a response to this growing cybercrime rate, the National Forensic Science Training Institute is crafting a Program of Instruction (POI) in helping the law enforcers agencies in solving cyber crimes. Currently, the Institute offers specialization in Investigation and Detection Course (IDC), Narcotics Investigation Course (NIC), and Traffic Investigation Course (TIC). The facilities, pool of faculty, and proven track record is a guarantee that Digital Forensics Investigation Course (DFIC) will be a significant training designed for different government agencies in bridging the gap between justice and crimes committed online. Having said and under PPSC Academic Board Resolution, the NFSTI will offer the Digital Forensic Investigation Course.

Under the “Malasakit Program” which was initiated by PLTCOL RANDY M MALUYO, Ph.D., Director, NFSTI, the Virtual Memorandum of Understanding (MOU) commenced last October 12, 2021. The PCAP was represented by its National President, Dr. Gerry J. Cano. The partnership aims to serve as main channels for information dissemination in terms of the conduct of seminars, research forums, and other related activities that will enhance the skills and learnings of professional criminologists of the Philippines, to exchange the latest trends in the conduct of forensic science and investigation courses in both the academe and applied learning set-up, to share members, administrative officials and subject matter experts for a visit, research, lectures, and discussions, to have a joint organization of conferences, seminars, and workshops on topics of common interest and identify gaps the industry needs.

Headed by Atty. Ramil. Gabao, Ph.D., Chairman of Board of Criminology, the Memorandum of Understanding between NFSTI and BC-PRC has been done. Under MOU, the Professional Regulatory Board of Criminology shall endeavor to propose an exchange program and contributions to the development in the curriculum that will be offered in NFSTI's training program/schedule; conduct a Training-of-Trainers Workshop for NFSTI's identified resource persons and administrators which will thereafter be tasked to cascade their learnings to NFSTI's audiences; and accredit training courses/ programs of the NFSTI in relation to the career progression and specialization of registered criminologists and the NFSTI students, in general. Another key feature of the partnership is that as an accredited institution of the PRC, the PRB CRM shall allow NFSTI to conduct Continuing Professional Development (CPD) course to the personnel of law enforcement as a Requirement before the license renewal.

Meanwhile, as the world is in the midst of the COVID19 pandemic, the National Forensic Science Training Institute provides support to the personnel through shuttle service, free lunch, alcohol, face mask, and vitamins. The NFSTI has provided isolation rooms and coordinated with medical services to PRO4A and has established coordination with Calamba City Health Office for the vaccination of NFSTI personnel.



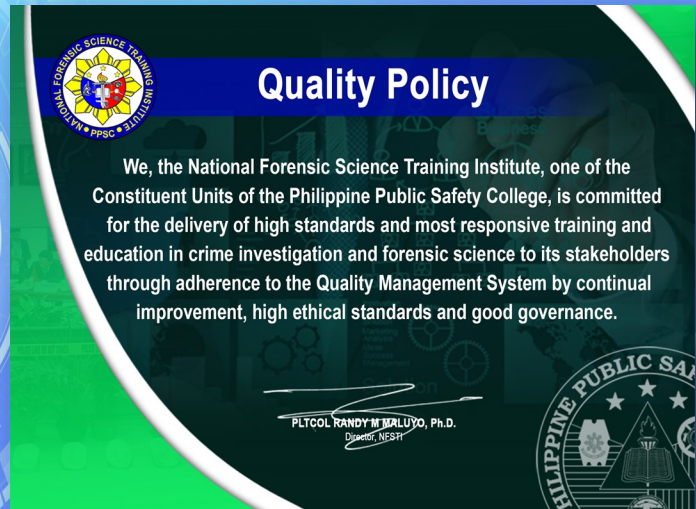
ABOUT THE COVER

The cover is showing a digital design. As the Filipino community is getting comfortable in doing online transactions and staying connected, the National Forensic Science Training Institute (NFSTI) understands the risk involved. Crimes are evolving from brick and mortar to click and mortar and from local to transnational crime. The risk involved is limitless. From this perspective, the NFSTI under the leadership of its President, PLTCOL RICARDO F DE LEON (Ret.), Ph.D. and Director, PLTCOL RANDY M MALUYO, Ph.D., the Institute is continuously providing the most responsive program of instruction to address current issues and concerns related to public safety and security training and education. Likewise, the “heart shape formation” of CRIDEC CLASS 2021-02 ECHO, FOXTROT, GOLF, NIC and TIC coy of the NFSTI affirms that the institute is committed to being part of the community in promoting the culture of caring and sharing.

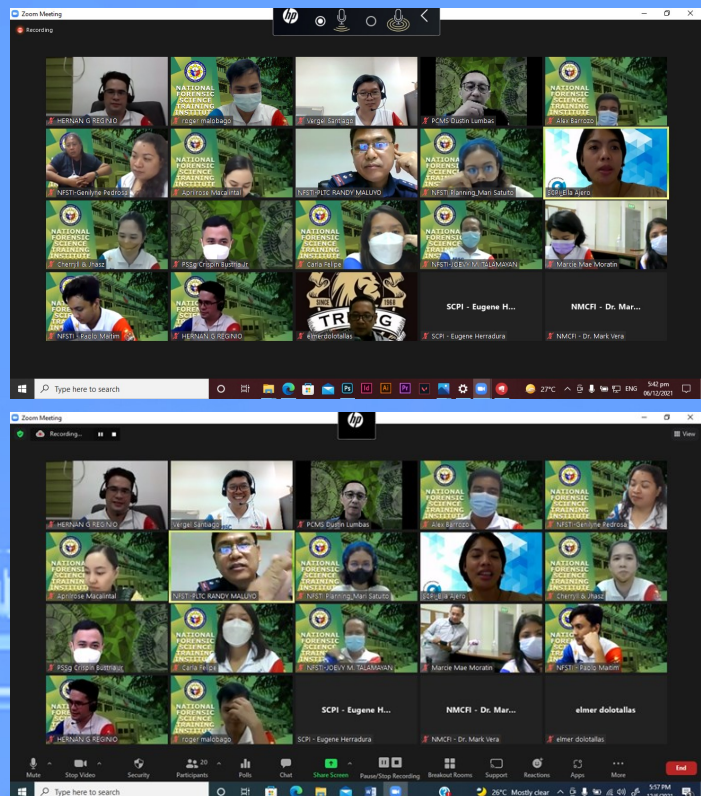
NFSTI: ISO 9001:2015 RE-CERTIFIED

ISO 9001:2015 is an internationally recognized standard for creating, implementing, and maintaining a Quality Management System for an organization. It is intended to be used by organizations of any size or industry, and it can be used by any organization. As an international standard, it is recognized as the basis for any organization to create a system to ensure customer satisfaction and improvement and, as such, many organizations or agencies require this certification from their suppliers. ISO 9001 certification provides the clients reassurance that they established a Quality Management System based on management principles of ISO 9001.

It was September 22, 2021, when the National Forensic Science Training Institute has made its 1st Stage Virtual Audit by the 3rd party auditor, SOCO-TEC. Initial comments and suggestions were made on the quality management system and were addressed immediately. The 1st stage is preparatory to the 2nd stage of the audit for the certification. The 2nd Stage Audit commenced last December 6 and the NFSTI has successfully presented the laid Quality Management System. Under the keen eyes of SOCO-TEC auditors, NFSTI processes were presented and scrutinized. Processes covered during audits are the context of the organization, quality policy, leadership and commitment, scope and boundaries of the management system, interested parties, risk and opportunities, control of documents, the conduct of an internal audit, and management review.



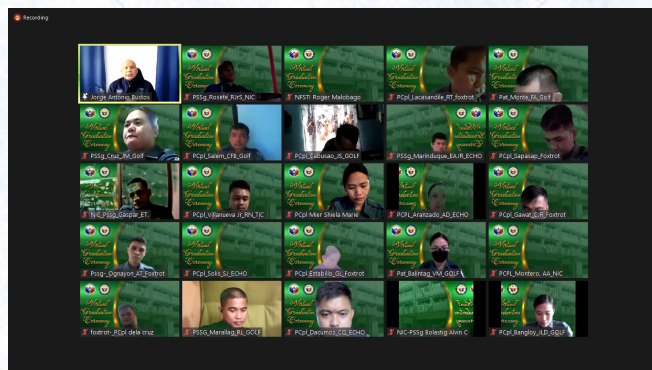
Above: The NFSTI Quality Policy was presented during the virtual audit. Below: The SOCO-TEC and NFSTI Team during the closing meeting.



This shows that the National Forensic Science Training Institute is committed to delivering the most responsive specialized training and education to its clients. The Quality Management System (QMS) in place assures holistic and high caliber services provided to both internal and external clients. It warrants a continuous improvement in the services provided to our clients from admission to graduation to after-graduation support.

SALUTE TO THE NEW CRIME INVESTIGATION AND DETECTION COURSE GRADUATES

November 19, 2021 - the day when 350 uniformed personnel from the Philippine National Police (PNP), Bureau of Fire Protection (BFP), Bureau of Jail Management and Penology (BJMP), and Philippine Coast Guards officially declared graduate for Crime Investigation and Detection Course Program of the National Forensic Science Training Institute. The virtual graduation started at 10 AM via zoom and was broadcast via NFSTI's official Facebook page.



Above: HON. CONG. JORGE "PATROL" BUSTOS as Guest of Honor and Speaker.



Hon. CONGRESSMAN JORGE "PATROL" BUSTOS as the Guest of Honor and Speaker. He is currently the representative of Public Safety Alliance for Transformation and Rule of Law, Inc (PATROL) Partylist. A native of Angeles, Pampanga, and a graduate of B.S Criminology at Angeles University Foundation. Likewise Cong. Bustos is a proud alumna of the Philippine National Police Academy class of 1996. He is also a graduate of Public Management major in Development and Security, Development Academy of the Philippines. In his message, he puts emphasis on the importance of law enforcement on the promotion of public safety and security, as the evolution and nature crimes is outsmarting the capabilities of the uniformed personnel. Providing inspiration to the graduates that through dedication, passion, enthusiasm, and good leadership, the Filipino nation will rise and leverage to its best.

Below: The PPSC President, PLTGEN RICARDO F DE LEON (Ret), Ph,D, delivering his inspirational message to the graduates.

PLTGEN RICARDO F DE LEON (Ret), Ph.D. President, PPSC delivered his inspirational message to the new CRIDEC graduates. In his message, President De Leon gave hindsights to the students on how the pandemic forced training institution to consider technology in the delivery of the courses. The President expressed his gratitude to NFSTI through exemplary qualities and creative ideas in transforming educational experiences of students with emphasis on the new role of NFSTI in Digital Investigation Training.



He urged the graduates to meet new challenges straight on with renewed enthusiasm and tenacity. The President is confident that the graduates are equip with harnessed skills and knowledge on the realm of investigation. He is looking forward that the NFSTI Alumni will keep the values flaming and pass it on to the next generation of crime investigators.

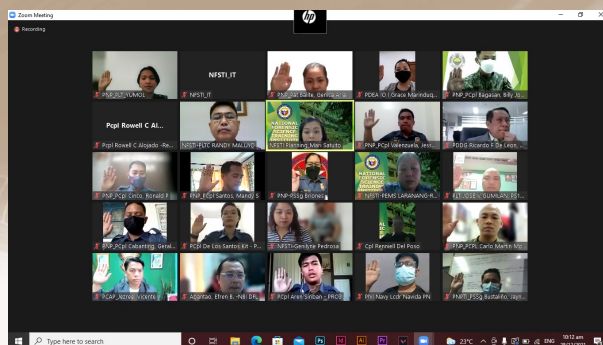
The virtual graduation was officially ended after the mass singing of the PPSC Hymn.

Digital Forensic Investigation Course OPENING

Online learning is the future of education, and it is happening right now all around us. eLearning, mobile learning, distance education; all of these technologies are providing access to information and skills that were previously available only to a select few. Now, industry leaders, workforce development managers, and educators of all types are discovering the vast promise that eLearning holds for the future of training delivery, and education in general. With that on December 28, 2021, the National Forensic Science Training Institute opened another highly specialized and technical program. The Digital Forensic Investigation Course (DFIC) is one of a kind formal training offered in the country. The 1st batch was composed of the participants from different agencies, Philippine National Police (PNP), Bureau of Fire Protection (BFP), Bureau of Jail Management and Penology (BJMP), Philippine Coast Guard (PCG), National Bureau of Investigation (NBI), Philippine Drug Enforcement Agency (PDEA), Philippine Navy (PN), Professional Criminologist Association of the Philippines (PCAP)/ PRC and Anti –Money Laundering Council (AMLC) making it multi-sectoral in nature.



Above: PLTGEN RICARDO F DE LEON (Ret), Ph.D. sharing his insights on the future of DFIC graduates. Below: The participants reciting the students' pledge.



THE MESSAGE OF PLTGEN RICARDO F. DE LEON (RET), PH.D., PRESIDENT, PHILIPPINE PUBLIC SAFETY COLLEGE DURING THE NFSTI DIGITAL FORENSIC COURSE VIRTUAL OPENING CEREMONY

... ISANG MAPAGPALA AT MAPAYAPANG ARAW SA ATING LAHAT...

FIRSTLY, I WOULD LIKE TO EXTEND MY APPRECIATION TO THE PARTICIPANTS OF THIS HIGHLY SPECIALIZED AND TECHNICAL COURSE PROGRAM OF THE NATIONAL FORENSIC SCIENCE TRAINING INSTITUTE. THE DIGITAL FORENSIC INVESTIGATION COURSE IS I THINK THE FIRST FORMAL TRAINING BEING OFFERED IN THE COUNTRY. I KNOW SOME OF THE AGENCIES AND ORGANIZATIONS ARE OFFERING THIS COURSE BUT ONLY FOR A FEW DAYS.

WHY YOU'RE PPSC AND NFSTI IS OFFERING THIS COURSE?

THE DEVELOPMENT IN THE DIGITAL WORLD BRINGS NEW FORMS OF CRIMES. CYBERCRIMES SUCH AS PORNOGRAPHY AND HACKING ARE GETTING SERIOUSLY HARMING THE ECONOMY OF THE COUNTRY. THE PHILIPPINES HAS BEEN ONE OF THE MOST FREQUENT VICTIMS OF CYBER ATTACKS IN THE PAST YEARS.

ACCORDING TO THE COMBINED DATA OF NBI AND PNP, THE CYBERCRIME RELATED COMPLAINT RATE IS 53.92% IN 2015 AND 2016. I AM SURE THIS FIGURE WILL INCREASE FURTHER IN THE ADVENT OF BEING ONLINE DURING PANDEMIC.

BY VIRTUE OF RA NO. 10175, OR THE CYBERCRIME PREVENTION ACT OF 2012, NFSTI IS OFFERING THE DIGITAL FORENSIC INVESTIGATION COURSE (DFIC).

DIGITAL FORENSIC INVESTIGATION COURSE OR DFIC CAN BE LADDERED TO ADVANCE COURSES RELATED TO DIGITAL FORENSICS FOR CAREER ADVANCEMENT. YOU CAN USE THIS AS YOUR NEXT CAREER AFTER YOU HAVE FINISHED YOUR SERVICE IN THE LAW ENFORCEMENT. YOU CAN BE A DIGITAL INVESTIGATORS OF SEVERAL INDUSTRIES IN THE LIKE FINANCIAL TECHNOLOGY AND AMONG OTHERS.

THE ADVANCEMENT OF TECHNOLOGY AND COMMUNICATION HAS SPEED-UP TRANSACTION AMONG PEOPLE ACROSS CULTURE AND COUNTRIES. HOWEVER, THIS PUT THE PEOPLE VULNERABILITY TO CYBERCRIMES WHICH INCLUDES CREDIT CARD FRAUD, IDENTITY THEFT, DATA BREACHES AND UNAUTHORIZED SOCIAL MEDIA ACCESS.

GENERALLY, THE DEVELOPING COUNTRIES INCLUDING THE PHILIPPINES STILL NEED MORE SUPPORT AND TRAINING FROM THE ADVANCE GOVERNMENT TO ENSURE A CYBER CRIME FREE COMMUNITY. AND THAT'S WHY, THE NATIONAL FORENSIC SCIENCE TRAINING INSTITUTE IS HERE TO BE PART OF THE GOVERNMENT'S TRUST TO HAVE A DIGITAL CRIME FREE COMMUNITY AND SERVE JUSTICE TO THE VICTIM OF CRIME COMMITTED ONLINE.

IN THREE MONTHS TIME, I AM CONFIDENT THAT YOUR NAME WILL BE INCLUDED IN THE LIST OF MODERN INVESTIGATORS. IN THE MEANTIME, YOU HAVE TO TAKE ADVANTAGE ON THIS OPPORTUNITY TO EXCHANGE YOUR IDEAS AND EXPERIENCES WITH YOUR CLASSMATES AS WE MAKE THIS CLASS A MULTI-SECTORAL AS WE HAVE PARTICIPANTS FROM THE NATIONAL BUREAU OF INVESTIGATION, IN THE ACADEME, AND OTHER AGENCIES. THE HOLISTIC LEARNING YOU WILL GAIN FROM THIS COURSE IS TRULY A REMARKABLE EFFORTS THAT WILL SURGE AND ACCELERATE THE PHILIPPINE PUBLIC SAFETY COLLEGES' COMMITMENT TO THE NATION TOWARDS PEACEFUL, PROGRESSIVE, AND SUSTAINABLE DIGITAL COMMUNITIES.

KUDOS TO PPSC AND NFSTI!

MARAMI PONG SALAMAT AT MULI ISANG MASAGANANG BAGONG TAON SA ATING LAHAT!

Cyber Crime and Digital Forensics*

ABSTRACT

The growing number of smart phone ownership and access to internet has made the Philippines exposed to cyber criminals. The rising popularity of online transaction and social media is an opportunity for cyber criminals to take advantage of victimizing people through identity theft, fraud and malwares - Cyber criminals is seeing light from the dark web. Despite the present of law related to cybercrime, increases in cases were reported. The lack of supervision, awareness of the people on protecting themselves against cybercrimes, weak infrastructure, the technical knowledge of law enforcers and justice system may falling short against on-line criminals.

KEYWORDS

cybercrime, Philippines, internet, cyber security, online, digital forensics

INTRODUCTION

The world is getting connected through the internet and the rise of the internet-of-things makes the community across the globe highly vulnerable in cyber crime (Lillis etc, 2015). The emerging world wide web, smart phones and other computer enabled devices pushed the people to interact online and offline and can freely performed unethical social engagements or simply conducts criminal liabilities (Holt, etc., 2015) As defined, Internet-of-things is the interconnection of all devices using computing devices using the internet infrastructure (Perumal, 2015). The internet-of-things opens a lucrative opportunities in different fields but introduces a new challenge in the area of digital forensic investigations (Zawoad and Hasan, 2015). Criminals are shifting to digital channel as they looked for a shining light in the dark web as they are eyeing for \$2.3 trillion retail industry and is putting conventional retailers at risk of shutting down (Hurlburt, 2017). Another target for cybercrime is the global banking and financial institutions (Camillo, 2017). The transnational crime in the developing world amounting to \$1.6 to \$2.2 trillion and was committed in 11 crimes including the crimes committed online (Kar and Spanjers, 2017). The figure indicates that there is really a need to step-up the cyber security and implement pro-active measures seriously (Abomhara, 2015) and there is no question that this is going global as compared to terrorism (Pakes, 2017).

As the Philippines being part of the emerging digital users is at high risk in cyber attacks which primarily includes fraud, malwares, identity theft and among others. Information on cybercrimes in the country are limited, thus this paper will review on how the government is performing in securing the public against cyber attack.

OBJECTVES OF THE STUDY

This review discussed how developing countries including the Philippines are getting highly vulnerable in cyber attacks and how the authorities are responding in the identification and resolution of crimes committed online.

METHODOLOGY

Literature that deals with cyber attacks and digital forensic analysis and investigation were utilized in this study. Sources used were primarily from Google Scholar, ERIC and other open access research journals. The phrases used to search for the information were: cyber crimes, digital forensic, investigation and crimes. Likewise, 'gray' literature was utilized to pay off for the restricted reliable articles on cybercrimes and digital forensic investigation in the Philippines. The paper described the impact of cybercrimes in the economy, people and how different agencies are responding to this emerging type of crimes.

RESULTS AND DISCUSSIONS

Cyber Security as Human Right

The access in the internet is considered as an emerging human right (Shackelford, 2017) because it is also a way of giving an individual freedom of expressions (Benedek & Kettema, 2014). Internet is a channel that encourages the users to express their thoughts, ideas and sentiments on certain issues specifically in different social media platform and can be anonymous, free from censorship and permission less innovations (DeNardis & Hackl, 2015). Since access to internet is a human right, the government must be committed to ensuring the internet's universality, reliability and sincerity (Tully, 2014). To protect the people, the government is reinforcing its capability to cyber attacks through the improvement of their strategy for digital economy (Teoh & Mahmood, 2017). Private and government are putting investment in cyber security on top of their agenda (Gordon, (2015).

Internet Usage of Filipino

On the average, 22% of adult Filipino has smart phones ownership and 40% internet usage between 2013 to 2015 (Poushter, 2016) and grows to 44% and 56% respectively after two years (Poushter, et al., 2018). Based on study, a significant increase of Filipino using internet is 50% and 94% are using mobile devices accessing inside their homes (94%), 22.2% using free WiFi access inside the malls, 11.1% in restaurant and 38.9% access to other public areas (Omorog & Medina, 2018). The number is substantial to put Filipino at risk in cyber attacks such as malware and phishing. As first steps in cyber security, the Philippine government is in need to increase the awareness of the Filipino on crimes committed online.

Cybercrime and the Philippines

The Philippines has first tasted internet in 1998 with only 9% internet usage (Labucay, 2014) and has started the Philippines susceptible to hackings. After nearly ten years, internet remains to be a problem and is getting complex (Parcon, 2017). The Republic Act 10175 or the Cybercrime Prevention Act of Philippines has now been in full implementation; still many Filipino became victim of different cybercrimes (Tarun, 2018). In the years 2011 to 2015, there were 55 reports and articles stating that the victim were from nine regions with age ranging from 18 months to 17 years old who were sexually exploited and abused online (Hernandez, et.al, 2018). The rapid growth of online banking and e-payments paved ways to Filipino got engaged to crypto currencies (Geronimo, 2018).

*The research article is the output of Vergel O. Santiago on the Seminar/Workshop on Publishable Review of Related Literature

However, the lack of regulatory supervision of crypto currencies has provided cyber criminals to take advantage financial transfer discretely (Biswas, 2018). Trolling, is a new breed of cybercrime appeared in 2016 in which subjective form of expression were published on different social media platform (Cabañes & Cornelio, 2017). Equally, 'keyboard armies' tends to manipulate civil society the manner they think on certain issues and known personality in politics and entertainment arena (Sombatpoonsiri, 2018). Credit cards, online payment and banking have become famous in cyber crime in the Philippines and victims suffer from social and economic sabotage due to identity fraud (Funcion, 2017). To the Philippine government has established a 'cyber-cop' to combat crimes committed in cyber arena through the Philippine National Police Anti-Cyber Crime Group and the Department of Justice (McMahon et al., 2016).

To combat cybercrime, different tools in the crime prevention and detection techniques were being utilized as discussed by Gance (2017):

Cybercrime is a multifaceted and forever changing phenomenon. It is found that Cyber criminals who are becoming more classy and stylish are making consumers of both private and public organizations their prey. To prevent attacks additional layers of defense are required. It has been observed that Cyber crime has increased in density and complexity and financial costs ever since organizations have adopted the use of computers in carrying out their business processes. An example of the case studies carried out on cyber crimes is the Parliament attack case. Various prevention techniques and detection techniques like Tripwires, Honey Pots, anomaly detection system, configuration checking tools and operating system commands, various acts that have been imposed against Cyber crime and online safety tips are also discussed.

In the Philippines, a 12 years imprisonment will be imposed to anyone found guilty on online crime (Rama, 2018) and is somehow control the people in committing relevant crimes.

Digital Forensic and Investigation

The growing cyber crime reported is alarming (and, the government has started strengthening its personnel for digital forensic training based on volume of the objects of forensic area, importance, unclear network parameters and boundless networks, especially on methodology for conducting the investigation (Perumal, et al., 2015). Digital Forensic Investigation Framework for IoT (DFIF-IoT) that is able to support future IoT investigative capabilities with a degree of certainty (Kebande, 2016). Despite the breakthrough in the areas of Digital Forensic, there is a variety of new digital evidence sources that pose new and challenging problems for the investigator from an identification, acquisition, storage and analysis perspective (Lillis, 2016).

CONCLUSIONS

The advancement of technology and communication has speed-up transaction among people across culture and countries.

However, this put the people vulnerability to cybercrimes which includes fraud, identity theft, and malwares. The increase awareness to cyber security is a challenging task for the government. Though there is already an established laws related to cyber crime, there is a gap in the supervision and implementation. The Philippines being one of the fast growing economy in the world is in high risk being attack online. The number of smart phone users and ease of access in the internet make the Filipino more exposed in cyber crimes. The war against cybercrime is one of the top priorities of the Philippine government. The presence of RA 10175, inter-agency coordination and campaign are visible. Generally, the developing countries including the Philippines still need more support and training from the advance government to have a cyber crime free community.

RECOMMENDATIONS

It is recommended that the Philippine government shall exert more effort in increasing the awareness of the Filipino people on cyber crimes. As of this writing, this is the only and most feasible way to prevent crimes in the cyber space. Likewise, comprehensive trainings are implemented to the member of the cyber crime group and increase visibility in the international organization to gather support from advance countries. Infrastructure related to cyber security must be in placed as dark web is gaining strength rapidly.

LITERATURE CITED

- Abomhara, M. (2015). Cyber security and the internet of things: vulnerabilities, threats, intruders and attacks. *Journal of Cyber Security and Mobility*, 4(1), 65-88.
- Benedek, W., & Kettemann, M. C. (2014). *Freedom of expression and the Internet*. Council of Europe.
- Biswas, R. (2018). Combating Terrorism and Organized Crime: Cryptocurrencies and Cybercrime. In *Emerging Markets Megatrends* (pp. 217-227). Palgrave Macmillan, Cham.
- Cabañes, J., & Cornelio, J. (2017). The rise of trolls in the Philippines (and what we can do about it). *A Duterte Reader: Critical Essays on Rodrigo Duterte's Early Presidency*, 231-250.
- Camillo, M. (2017). Cybersecurity: Risks and management of risks for global banks and financial institutions. *Journal of Risk Management in Financial Institutions*, 10(2), 196-200.
- DeNardis, L., & Hackl, A. M. (2015). Internet governance by social media platforms. *Telecommunications Policy*, 39(9), 761-770.
- Funcion, D. G. D. (2017). Content Analysis of Online Documents on Identity Theft Using Latent Dirichlet Allocation Algorithm. *Journal of Science, Engineering and Technology*, 5, 57-69.
- Geronimo, R. S. Q. (2018). Bitcoin and Cryptocurrency Regulation in the Philippines. Available at SSRN 3138051.
- Gance, A. Q. (2017). Cyber Crime and Cyber Security. *Detecting and Mitigating Robotic Cyber Security Risks*, 160.
- Gordon, L. A., Loeb, M. P., Lucyshyn, W., & Zhou, L. (2015). Externalities and the magnitude of cyber security underinvestment by private sector firms: a modification of the Gordon-Loeb model. *Journal of Information Security*, 6(1), 24.
- Hernandez, S. C. L. S., Lacsina, A. C., Ylade, M. C., Aldaba, J., Lam, H. Y., Estacio Jr, L. R., & Lopez, A. L. (2018). sexual Exploitation and Abuse of Children Online in the Philippines: A review of online news and Articles. *Acta Medica Philippina*, 52(4), 306.
- Holt, T. J., Bossler, A. M., & Seigfried-Spellar, K. C. (2015). *Cybercrime and digital forensics: An introduction*. Routledge.
- Hurlburt, G. F. (2017). Shining Light on the Dark Web. *IEEE Computer*, 50(4), 100-105.
- Kebande, V. R., & Ray, I. (2016, August). A generic digital forensic investigation framework for internet of things (IoT). In *2016 IEEE 4th International Conference on Future Internet of Things and Cloud (FiCloud)* (pp. 356-362). IEEE.
- Kar, D., & Spanjers, J. (2017). Transnational crime and the developing world.
- Labucay, I. D. (2014). Patterns of Internet usage in the Philippines. *The Internet and the Google age: Prospects and perils*, 27.
- Lillis, D., Becker, B., O'Sullivan, T., & Scanlon, M. (2016). Current challenges and future research areas for digital forensic investigation. *arXiv preprint arXiv:1604.03850*.
- McMahon, R., Bressler, M. S., & Bressler, L. (2016). New global cybercrime calls for high-tech cyber-cops. *Journal of Legal, Ethical and Regulatory Issues*, 19(1), 26.
- Omorog, C. D., & Medina, R. P. (2018). Internet Security Awareness of Filipinos. *International Journal of Computing Sciences Research*, 1(4), 14-26.
- Pakes, F. (2017). *Comparative criminal justice*. Routledge.
- Parcon, R. M. L. C. (2017). Addressing Cyberspace Vulnerability: The ASEAN and the Philippines.
- Perumal, S., Norwawi, N. M., & Raman, V. (2015, October). Internet of Things (IoT) digital forensic investigation model: Top-down forensic approach methodology. In *2015 Fifth International Conference on Digital Information Processing and Communications (ICDIPC)* (pp. 19-23). IEEE.
- Poushter, J. (2016). Smartphone ownership and internet usage continues to climb in emerging economies. *Pew Research Center*, 22, 1-44.
- Poushter, J., Bishop, C., & Chwe, H. (2018). Social media use continues to rise in developing countries but plateaus across developed ones. *Pew Research Center*, 22.
- Rama, M. (2018). Redrawing Battle Lines in the Struggle for Civic Space: Insights from the Philippines. *CIVIC SPACE*, 51.
- Shackelford, S. (2017). Exploring the 'Shared Responsibility' of Cyber Peace: Should Cybersecurity Be a Human Right?.
- Sombatpoonsiri, J. (2018). Manipulating Civic Space: Cyber Trolling in Thailand and the Philippines.
- Tarun, I. M. (2018). Legal Consequences of Social Networking Malpractices: Users' Perspectives versus the Reality of Cybercrime Prevention Act of the Philippines. *Advanced Science Letters*, 24(11), 8111-8114.
- Teoh, C. S., & Mahmood, A. K. (2017, July). National cyber security strategies for digital economy. In *2017 International Conference on Research and Innovation in Information Systems (ICRIIS)* (pp. 1-6). IEEE.
- Tully, S. (2014). A human right to access the internet? Problems and prospects. *Human Rights Law Review*, 14(2), 175-195.
- Zawood, S., & Hasan, R. (2015, June). Faiot: Towards building a forensics aware eco system for the internet of things. In *2015 IEEE International Conference on Services Computing* (pp. 279-284). IEEE.

NFSTI CO-DEVELOPED A TRAINING MANUAL ON HIV SERVICE PROVISION FOR PEOPLE WHO INJECT DRUGS (PWID) AND PEOPLE DEPRIVED OF LIBERTY AND LIVING WITH HIV (PDLHIV)

The international community has made tremendous headway in combating the HIV pandemic, but concentrated infections among critical populations continue to be a problem. The persistently high rates of HIV transmission in Eastern Europe, Central Asia, many regions of West, South, and South-East Asia, as well as some portions of Sub-Saharan Africa, are mostly due to HIV infection through hazardous injecting drug use (1). These high rates are the result of a combination of a lack of evidence-based comprehensive HIV services and continuous criminalization and discrimination of PWID (2). Law enforcement (LE) officials vow or affirm to follow the laws of their countries, particularly laws that safeguard public health, fundamental human rights, and promote health-related programs and interventions when they are appointed. LE authorities may make a substantial contribution to public health and public safety by supporting programs that work with critical communities to lower their risk of HIV infection and guarantee that all citizens' fundamental right to health is safeguarded.

The development of a resource guide entitled "HIV Service Provision for People Who Inject Drugs (PWID) and People Deprived of Liberty and Living with HIV (PDLHIV) - A Training Manual for Law Enforcement Officers in the Philippines" is a result of TLF Share Collective Inc. and United Nations Office for Drugs and Crime (UNODC) collaboration to adapt UNODC's unpublished global manual entitled "Training Manual for Law Enforcement Officials on HIV Service Provision for People who Inject Drugs", developed in 2014, to the Philippine context.

To ensure contextualizing the manual to the Philippine setting. The TLF Share Collective Inc. and United Nations Office for Drugs and Crime (UNODC) has touched base with the National Forensic Science Training Institute with other key law enforcement agencies such as the Bureau of Jail Management and Penology (BJMP), Department of the Interior, and Local Government (DILG), Philippine National Police (PNP), and learning institutions under the umbrella of the PNP such as Philippine National Police Academy (PNPA), National Police College (NPC), Philippine Public Safety College (PPSC), and the Philippine Drugs Enforcement Agency (PDEA), and PDEA Academy. A series of consultations were conducted to elicit inputs from LE training, academic, and operations perspectives. The enthusiasm and passion of LE agencies and academies enhanced the content of the manual. The development of the manual was guided by the country's national drug and related policies and the timely passage of the Philippine HIV and AIDS Policy Act of 2018 and its Implementing Rules and Regulations (IRR).

Last December 14 to 16, 2021 the output has been pre-tested to get feedback from the end-user at The Manor Hotel, Camp John Hay, Baguio City. The representative of the NFSTI, Mr. Vergel O. Santiago, Chief of Research and Academics Affairs and Administrative Division, and Mr. Hernan Reginio, Public Information Officer and Learning Manager attended the activities.

It is hoped that the use of the manual will assist LE officials and other uniformed officers in building their understanding of HIV prevention, treatment, care, and support services for PWID/PWUD and PDL. More particularly, the manual lays the important role that LE can and will play in collaboration with other stakeholders in enhancing the enabling environment for the Philippines' HIV and AIDS prevention and control program.

The National Forensic Science Training Institute is looking forward that the training manual will be launched and implemented at the soonest time possible.



Above: The participants having photo-ops. Right: Mr. Vergel Santiago is providing background to the participants on how the training manual has evolved.

1. Wodak A and McLeod L. The role of harm reduction in controlling HIV among injecting drug users. AIDS, 2008 22 Suppl 2: S81-92.
2. Kimber, J., Palmateer, N., Hutchinson, S., Hickman, M. Goldberg, D. & Rhodes, T. Harm reduction among injecting drug users – Evidence of effectiveness. In Rhodes, T. and Hedrich, D., Harm reduction: evidence, impacts and challenges (Eds.), EMCDDA Monographs 10, 115-163, 2010.

**Virtual Ceremonial MOU Signing Between
National Forensic Science Training Institute (NFSTI)
Professional Criminologists Association of the Philippines (PCAP)
Board for Criminology, Professional Regulation Commission (BC-PRC)**

Last October 14, 2021, the Ceremonial MOU Signing between NFSTI, PCAP, and BC-PRC was conducted via zoom. The event was attended by key officials of PPSC-NFSTI headed by PLTGEN RICARDO F DE LEON (Ret) Ph.D., President PPSC, Dr. Gerry J. Cano, National President of Professional Criminologists Association of the Philippines and Atty. Ramil G. Gabao, Chairperson, Board for Criminology, Professional Regulation Commission.

The program was hosted by Vergel O. Santiago, Chief Administrative/Research and Academic Affairs Division of NFSTI. After the invocation, Atty. Ramil G. Gabao gave remarks of circumstances for the Board for Criminology, Professional Regulation Commission. In his remarks, he stated that the partnership paves way for BC-PRC to strengthen criminology skills in the country. The NFSTI-BC-PRC will play a huge role in the continuing training and development of criminology professionals in the field of forensic science and crime investigation. Atty. Gabao reiterated that BC-PRC will be proposing an exchange program and contributions to the development in the curriculum that will be offered in NFSTI's training program/schedule; conduct a Training-of-Trainers Workshop for NFSTI's identified resource persons and administrators which will thereafter be tasked to cascade their learnings to NFSTI's audiences; and accredit training courses/ programs of the NFSTI concerning the career progression and specialization of registered criminologists and the NFSTI students, in general. Likewise, it will cover NFSTI as an accredited institution of the PRC, the PRB CRM shall allow NFSTI to conduct Continuing Professional Development (CPD) course to the personnel of law enforcement as a requirement prior to the license renewal.

Dr. Gerry J. Cano, as the National President, gave his remarks of circumstances on behalf of the Professional Criminologists Association of the Philippines (PCAP). He highlighted that this is a response to support the learning and career development of the criminology professionals in the Philippines. Dr. Cano on behalf of PCAP will endorse NFSTI to all its members for academic discussions, consultations, and learning opportunities; provide a pool of professional criminologists that will be part of NFSTI's subject matter experts during the conduct of the CRIDEC Program subject to PPSC's Faculty Rank Classification and Accreditation Procedures. Likewise, PCAP can propose an exchange program and contributions to the development in the curriculum that will be offered in NFSTI's training program/schedule; and conduct a Training-of-Trainers Workshop for NFSTI's identified resource persons and administrators which will thereafter be tasked to cascade their learnings to NFSTI's audiences.

PLTCOL RANDY M MALUYO, Ph.D., Director NFSTI emphasized that the partnership has opted for the NFSTI to help criminology professionals to excel in their field of professions either in the academe, law enforcers, and industries. The PPSC and NFSTI recognize the value and significance of the partnership to protect and secure the public.

PLTGEN RICARDO F DE LEON (Ret) Ph.D., President PPSC emphasized that the partnership will develop and encourage an environment for the effective and efficient use of the facilities and expertise to the future public safety officers and personnel which is vital to the transformation of the country's public safety services; and work on integrating character competencies, patriotism, trends in forensic sciences and investigation into relevant courses and learning paths to be identified by both parties. The PPSC-NFSTI and other PPSC-NFSTI satellite campuses shall likewise conduct/ provide similar courses for the personnel of law enforcement agencies in the area.

The National Forensic Science Training Institute is looking forward to being the Center of Continuing Professional Training and Education in Forensic Science and Crime Investigation in the nearest future.

Below: Invited officials from the PRC and PCAP witnessing the virtual MOU signing. Dr. Gerry J. Cano, PCAP National President, Atty. Ramil Gabao, Chairman, Board of Criminology, PRC, PLTCOL RANDY M MALUYO, Ph.D., Director, NFSTI and PLTGEN RICARDO F DE LEON (Ret), Ph.D. President, PPSC



“Nurturing Minds Towards Resilient and Secured Public Safety: Malasakit Webinar Series”

Theme #1: Empowering Educational Leaders on Character Development, Patriotism, Nationalism and Career Progression

The National Forensic Science Training Institute (NFSTI), the 4th Constitutive Unit of the Philippine Public Safety College envisions itself to be the Center of Excellence in Modern Forensics Investigation in Asia. To realize the vision it will stay committed to providing responsive, scientific, relevant, and continuing investigative education and training to the PNP, BFP, BJMP, allied public safety and security institutions' personnel, and other stakeholders.

The training institutes, SUCs, and the educational system in the country were challenged as face-to-face classes were halted brought about by the global pandemic. Online teaching became the strategy of this institute to cope with its mandate in delivering and maintaining quality services to the students/trainees as information technology and trends also evolve along with this shift of learning scheme. These challenges and realities, make this institute more inspired in meaningful collaboration, partnership, and linkages to SUCs that are far beyond reach. This program is conceptualized as part of the NFSTI's thrust on “Malasakit Community Safety Program” to collaborate with the State Universities and Colleges (SUCs), and Commission on Higher Education (CHED), and Professional Regulation Commission (PRC) to provide an avenue and opportunity for forensics and safety training, which the NFSTI carried out to bridge the gap among law enforcement agencies, allied, public safety and security institutions' personnel and other stakeholders, and the LGU aligned with Community Service-Oriented Policing (CSOP) to synergize the learning objective, best practices, and realities in the ground. One of its goals is to come up with the competency and general overview of what is being taught in the applied training and virtual academic setting in forensics and crime investigation. Furthermore, it aims for subject matter experts (SMEs) from the SUCs (Criminology Schools) to exchange knowledge and expertise and be updated to the current trends and protocols that are being imparted by the public safety training centers in the country, with the



tri-bureaus – the Philippine National Police (PNP), Bureau of Jail Management and Penology (BJMP), Bureau of Fire Protection (BFP) and other allied services.

In this institute, the competencies, skills, and values development are the

highest priorities for the students/trainees as they were joined by the public and private security sectors to be capacitated in favor of the community. Therefore, this program is a way to bridge the gap among law enforcement agencies, allied public safety, security institutions' personnel, and other stakeholders including the local government units.

On September 30 and October 6, 2021, respectively when NFSTI conducted its first webinar which was attended by 1,012 criminology professionals from the academe and various industries across the Philippines. Topics in the webinars were delivered by experts in the field of criminal justice, transnational crime, communist armed conflict, character, and nationalism development. After the invocation, PLTCOL RANDY M. MALUYO, Ph.D. delivered the welcome remarks and provided the participants an overview of the Malasakit Program. Dr. Gerry J. Cano, the President of the Professional Criminologists Association of the Philippines (PCAP) presented a brief description of PCAP. Atty. Ramil G. Gabao, Chairperson, Board for Criminology, Professional Regulation Commission discussed the Career Progression and Specialization for Criminology. Transnational Crime was discussed by PCOL FROILAN P ELOPRE (Ret), the Acting Administrative Division of the Philippine Public Safety College (PPSC) and was followed immediately by the presentation of Nationalism and Patriotism by PMGEN CEDRICK G TRAIN (Ret), the Vice President for Academics of PPSC. A glimpse of Digital Forensic was presented by Mr. Ruck Del Rosario, a subject matter expert in digital forensic.

During the afternoon session, Mr. Jeffrey Celiz presented some information on End Local Communist Armed Conflict. Finally, the PPSC President, PLTGEN RICARDO F DE LEON (Ret), Ph.D. has shared his Character Competency Framework he developed and being implemented to the curriculum of the all mandatory and specialized courses offered by the Philippine Public Safety College. The discussion is very interactive as the chat box was exploded by the questions.

By at large, 86% who attended the webinar is very satisfied with the event. While 89% of the participants expresses that the webinar is very relevant to their current job. The participants are educational leaders from different SUCs and agencies. Moreover, there is a significant number of satisfied participants in the different areas of the webinar. The resource person got the highest satisfaction rating of 72% and was followed by the facilitator and the program flow. The majority of the participants are very satisfied with the invited resource persons. All the speakers used suitable language that can easily understand.

Moving forward, the NFSTI “Malasakit Webinar Series” will be cascaded to over 60,000 criminology students across the Philippines to reach more future law enforcers of the country.

And the Legacy Continues...

The KASUROG COPS Program which was initiated by then Region 5 Director, PLTGEN RICARDO F DE LEON has created inspiration to the men and women of the Philippine National Police in the region. Over the past years, it has continued reaching out to the community and creating an impact to elevate the lives of its beneficiaries as well as to build rapport with the different sectors of the country. To continue the legacy, former Regional Training Director 5 and now the Director of National Forensic Science Training Institute (NFSTI), PLTCOL RANDY M MALUYO, Ph.D. added new flavor to the program and was transformed to KASUROG Care. The inspiration has made PLTCOL RANDY M MALUYO, Ph.D. to bring in the principles and ideals of the KASUROG program.

Guided by the objectives of the KASUROG Care, the National Forensic Science Training Institute (NFSTI) has adapted the MALASAKIT Program. One of the program objectives is sending and endorsing students to schools. As a kick-off, the NFSTI has sent one high school student for the academic year 2021. As Region-5 Training Director, PLTCOL RANDY M MALUYO, Ph.D. sent fifty (50) professionals to take the Master in Public Safety Administration (MPSA) with full scholarship. The professionals include a governor, lawyers, and other high-ranking authorities in the field of public safety and security. Likewise, under the MALASAKIT Program, the NFSTI is progressing by establishing linkages good rapport with deans, faculty, and students of different colleges and university offering criminology courses that aim to bridge the gap between the schools and requirements of the law enforcement agencies.

Keeping the Legacy of Caring and Sharing through the “Malasakit Community Safety Program”

The National Forensic Science Training Institute’s culture of sharing and caring has once again shone to the community. With the advent of pandemic and heightened community quarantine to control the spread of COVID 19, the number of families was economically affected since they can no longer earn to meet their basic needs. The NFSTI understand their situation, as such, from September to October 2021, the students of the National Forensic Science Institute’s (NFSTI) Crime Investigation Course (CRIDEC) CI 2021-01 Echo, Foxtrot, Golf, NIC, and TIC, under the supervision of Director PLTCOL RANDY M MALUYO, conducted a series of activities through financial assistance, food packs, school materials for the VAWC victims, public elementary school, and abandoned children.

The activities were conducted by different teams of CRIDEC students and were implemented in different regions simultaneously with the aims to somehow ease the adverse situation of a few individuals who are financially challenged brought by the pandemic.

The objective of the activity is not mainly in helping those in need but to internalize the importance of appreciation of the blessings given to participants (students). It is also a way of the NFSTI to plant the seed of wisdom so to speak that money is not the most significant aspect of life. The love, brotherly attitude, and realizing that each one has the responsibility to each other is emphasized in this activity. Community service has taught CRIDEC students to notice other people around and become a real part of society. Participation in the community service has a significant influence on NFSTI and the future lives of CRIDEC students.

A total of 200+ individuals, majority are children and students benefited from this countrywide community service program. The NFSTI and CRIDEC students ensure that all activities were conducted in strict compliance with prescribed protocols set by the IATF.



"Ang paniniwala sa isang bagay na gusto mong makuha ay makakamit mo, kung ito ay sasamahan mo ng pananampalataya at kabutihang pakay upang makatulong sa mga nangangailangan sa hinaharap."

Ganito ko mailalarawan ang salitang ito base sa aking karanasan mula ng kunin ko ang magandang kursong investigation and Detection Course sa ilalim ng CRIDEC Program ng National Forensic Science Training Institute. Kabilang po ako sa Class PS IDC 2021-01, Foxtrot Company na nagsimula noong buwan ng Mayo at nagtapos ng buwan ng Nobyembre taong 2021.

"AKO AT ANG NFSTI"

Mula ng magpulis ako, ang pagiging imbestigador na ang nais kong maging trabaho. Ngunit, dapat ay armado ka ng mga sapat na kaalaman, pamamaraan at dedikasyon upang hawakan ng maayos ang mga kasong kakaharapin mo. Gusto ko rin palang ipamukat sa inyo ang kultura at tradisyon sa mundo ng organisasyong kinabibilangan ko. Sa kapulisan po kase ay di ma wawawala ang pagkakaroon ng "seniority" bilang isang pag-respeto sa mga nauna sa iyong nakapasok sa serbisyo, ako, bilang isang "junior" o bago palang sa serbisyo ay naranasan ko sa NFSTI ang pagiging pantay-pantay sa mga kaklase, mapa patrolman man o opisyal lahat ay tinatawag namin sa katagang "Sir" o "Ma'am". Kahit man taga ibang regional offices at ibang unit ang mga ito ay di naging hadlang upang magkaroon ng mahirap na pakikisama sa kanila, lahat ay handang magbahagi ng kanilang mga kaalaman, karanasan at matuto ng sama-sama sa aming klase. Isa ito sa mga ibinabahagi ng NFSTI sa amin habang nagpapatuloy ang course. Ipinapakita ng programa ng CRIDEC ang team building at relasyon ng bawat estudyante na talagang napaka-halaga para maging maganda ang nabuong samahan. Kahit na ang pag-aaral ay tinatawag na "blended learning" at limitado ang "face to face class" ay hindi naging hadlang iyon upang mabuo ang pagkakaibigan ng bawat isa. Malaking bahagi dito ang pagiging mapagsubaybay ng mga course coordinators, kabilang na sila Sir Hernan, mga advisers at mga taong bumubuo ng NFSTI. Sa pamamagitan ng kanilang walang sawang pagsusubaybay, pagbibigay ng mga tinakdang gagawin, pagpapaalala at mga payong lubos na nakakatulong sa lahat kahit man personal na problema. Isa ito sa naging tulay upang magkaroon ng malawakang ugnayan kung saan nagkaka-buklod-buklod ang lahat hanggang sa makabuo ng isang kaluwagan ng kalooban ng bawat isa, na ang lahat ay makibagay at makisama. Hindi lamang ito tungkol sa pagkakatuto o pagkakaroon ng mga karagdagang kaalaman, tungkol din ito sa pagbuo ng isang matibay at kongkretong kumpiyansa sa sarili na may tiwala sa isa't-isa. Sadya namang marami kaming natutunan sa prestisihyosong institusyong ito na magagamit namin talaga sa totoong buhay ng trabaho. Pwede kang tumawa at magbiruan sa bawat isa, pwede kang umiyak at magbahagi ng mga sentimyento o saloobin, lahat po yan ay pwede dahil sa magandang pagkakalatag ng programa ng mga namamahala ng kurso. Dahil dito ay nabuo agad ang isang pamilya na kinabibilangan naming lahat, Opo, isa kaming pamilya mula sa namumuno dito hanggang sa mga nasa bandang ibaba na mga mag-aaral. Hindi lamang karunungan ang matatanggap mo sa kanila kundi pati ang pagbabalik narin sa mga gawaing kabutihan na nawawala narin minsan sa ating pagkatao ng di natin namamalayan. Kusa itong nanunumbalik ng di natin namamalayan at bigla ka na lamang mapapangiti, kusang tumutulong at maisip mo na lamang ang lahat ng ito sa huli. Isa lamang ito sa mga masayang nagustuhan ko sa NFSTI.

Dahil nasa bago na tayong mundo at mabilis ang galaw at mga pagbabago nito, ang NFSTI ang siyang angkop na lugar upang makasabay ang mga kapulisan natin at ibang law enforcement agencies sa larangan ng imbestigasyon sa mundo. Gamit ang mga makabagong pamamaraan sa tulong ng siyensya ay napapadali o nalulutas nito ang mararaming mga kaso, nagbibigay ng malalakas na ebidensiya o ika nga nila ay siguradong titindig o tatayo ang kasong ito sa korte dahil matibay at hindi mababal ang ebidensiyang hawak mo. Ang korte ay bumabase sa mga ebidensiya at hindi pwedeng baliin ng sinoman. Kahit sa kalagitnaan ng pandemya ay di ito naging hadlang upang hindi magpatuloy ang kanilang magandang hangarin na ibahagi ang karunungan para ito ay magamit sa mga mamamayan. Bilang pagtalima sa mga inatas ng gobyerno ukol sa pag-iingat laban sa pandemiya ay ginawa ng NFSTI ang ilang mahihigpit na palatuntunan para sa ikaliligtas ng lahat, gayunpaman, hindi pinawalang bahala parin ang ilang pamamaraan upang sa sapat na kakayahan ay maibigay parin nila at madala sa mga estudyante ang nararapat na karunungan para sa kanila. Kaya isang pasasalamat dahil nabigyan ako ng pambihirang pagkakataon na makapag-aral at makakuha ng mga sapat na kaalaman na siyang magagamit ko sa aking karera na makakatulong at makakahatid ng karapat-dapat na hustiya, serbisyo para sa lahat. Kailangan nating panindigan ang katotohanan kahit man ito ay masakit o di katanggap-tanggap, ika nga sa kasabihan, "Mabuti ng mamuhay sa masakit na katotohanan kesa mamuhay sa masayang kasi nungalingan." Ang pamamaraan ng programa ng CRIDEC ay makatulong sa paglalabas ng katotohanan at walang pagtatakip sa kahit anong imbestigasyon na gagawin ng isang taong mag-iimbestiga nito, patas sa lahat ng bagay at pagkakataon.

Ang mga karanasan ko sa NFSTI ay isang di mapapantayang mga alaala na dadalhin ko ng may buong kasiyahan, pagmamalaki at pagpapahalaga. Sa mga natutunan ko, sa mga natuklasan, sa mga napagtanto at pagkakaroon ng mga bagong kaibigan ay pinagmamalaki ko ang aking pagiging bahagi ng isang kinikilala at nirespetong institusyon sa bansa. Habang buhay ko itong tatanawin ng utang na loob na napamahagian ako ng mga kaalamang sadyang makakatulong sa akin at sa aking paglilingkuran bilang isang alagad ng batas, at ang pangyayaring ito sa buhay ko ay isa sa mga pinakamasaya ko na dadalhin sa tanang buhay ko.

Lubos na nagpapasalamat,

Pcpl Zosimo Asido Jr.

PS IDC 2021-01

Foxtrot Company



Dahil nasa bago na tayong mundo at mabilis ang galaw at mga pagbabago nito, ang NFSTI ang siyang angkop na lugar upang makasabay ang mga kapulisan natin at ibang law enforcement agencies sa larangan ng imbestigasyon sa mundo. Gamit ang mga makabagong pamamaraan sa tulong ng siyensya ay napapadali o nalulutas nito ang mararaming mga kaso, nagbibigay ng malalakas na ebidensiya o ika nga nila ay siguradong titindig o tatayo ang kasong ito sa korte dahil matibay at hindi mababal ang ebidensiyang hawak mo. Ang korte ay bumabase sa mga ebidensiya at hindi pwedeng baliin ng sinoman. Kahit sa kalagitnaan ng pandemya ay di ito naging hadlang upang hindi magpatuloy ang kanilang magandang hangarin na ibahagi ang karunungan para ito ay magamit sa mga mamamayan. Bilang pagtalima sa mga inatas ng gobyerno ukol sa pag-iingat laban sa pandemiya ay ginawa ng NFSTI ang ilang mahihigpit na palatuntunan para sa ikaliligtas ng lahat, gayunpaman, hindi pinawalang bahala parin ang ilang pamamaraan upang sa sapat na kakayahan ay maibigay parin nila at madala sa mga estudyante ang nararapat na karunungan para sa kanila. Kaya isang pasasalamat dahil nabigyan ako ng pambihirang pagkakataon na makapag-aral at makakuha ng mga sapat na kaalaman na siyang magagamit ko sa aking karera na makakatulong at makakahatid ng karapat-dapat na hustiya, serbisyo para sa lahat. Kailangan nating panindigan ang katotohanan kahit man ito ay masakit o di katanggap-tanggap, ika nga sa kasabihan, "Mabuti ng mamuhay sa masakit na katotohanan kesa mamuhay sa masayang kasi nungalingan." Ang pamamaraan ng programa ng CRIDEC ay makatulong sa paglalabas ng katotohanan at walang pagtatakip sa kahit anong imbestigasyon na gagawin ng isang taong mag-iimbestiga nito, patas sa lahat ng bagay at pagkakataon.

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Ang mga karanasan ko sa NFSTI ay isang di mapapantayang mga alaala na dadalhin ko ng may buong kasiyahan, pagmamalaki at pagpapahalaga. Sa mga natutunan ko, sa mga natuklasan, sa mga napagtanto at pagkakaroon ng mga bagong kaibigan ay pinagmamalaki ko ang aking pagiging bahagi ng isang kinikilala at nirespetong institusyon sa bansa. Habang buhay ko itong tatanawin ng utang na loob na napamahagian ako ng mga kaalamang sadyang makakatulong sa akin at sa aking paglilingkuran bilang isang alagad ng batas, at ang pangyayaring ito sa buhay ko ay isa sa mga pinakamasaya ko na dadalhin sa tanang buhay ko.

Lubos na nagpapasalamat,

Pcpl Zosimo Asido Jr.

PS IDC 2021-01

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KEEPING THE NFSTI CONNECTED

Internet nowadays is a conclusive technology of Information, it is the engine of technological transformation of the Industrial Age. From the network of computers, platforms of wireless communication, provides universal capacity of multi modes of activities nor projects that have multiple “modes” of communicating a message, and interactive communication. the Internet was limited by the difficulty to lay out land-based telecommunications infrastructure in the emerging countries. This has changed with the explosion of wireless communication in the early twenty-first century. In today world best way of communicating is Internet through which you can communicate with anyone.

The Year 2019 was a year of changes and evolution for our institute. From Digital Subscriber Line (DSL) broadband set-up to a Fiber-Optic internet connection bundled with Wireless internet connection access. Challenges drives us to become optimistic as the coronavirus disease (Covid-19) pandemic strikes last March 2020, we were able to build and secure internet accessibility with the helped of Ms. Malen Zaracena, Business Development Officer from Teletronics Service, Inc. (TSI) providing innovative communication and technology services.

The culmination of the successful transformation was benefited by our institute with the students and instructors performing on-line learning module set-up as our places enters various lockdowns discouraging face-to-face activities for safety health reasons. The National Forensic Science Training Institute (NFSTI) is looking forward for the modernizations of ICTs as technology rises emerging technological paradigm based on the digital revolution and some major sociocultural changes.

November of 2019, TSI technical staff allied by PT&T conduct assessment of the site range including the facilities, and on that year, a wireless internet tower was built with 100 MBPS mount on top of NFSTI building. June 2020, the wireless internet connection was dedicated and stable. Last 2021, a Fiber-optic connection was installed for visibility, security and reliability into internet access platform. This year 2022, the TSI will schedule a system upgrade making our band-width 100 MBPS to 200 MBPS double-speed internet for reliable and faster internet connectivity. The said upgrade of NFSTI internet connection is free of charge as mentioned by Mr. Alber Cas, Project Manager of TSI in exchange of our loyalty as their customer. Looking forward for continuous business relationship with them.

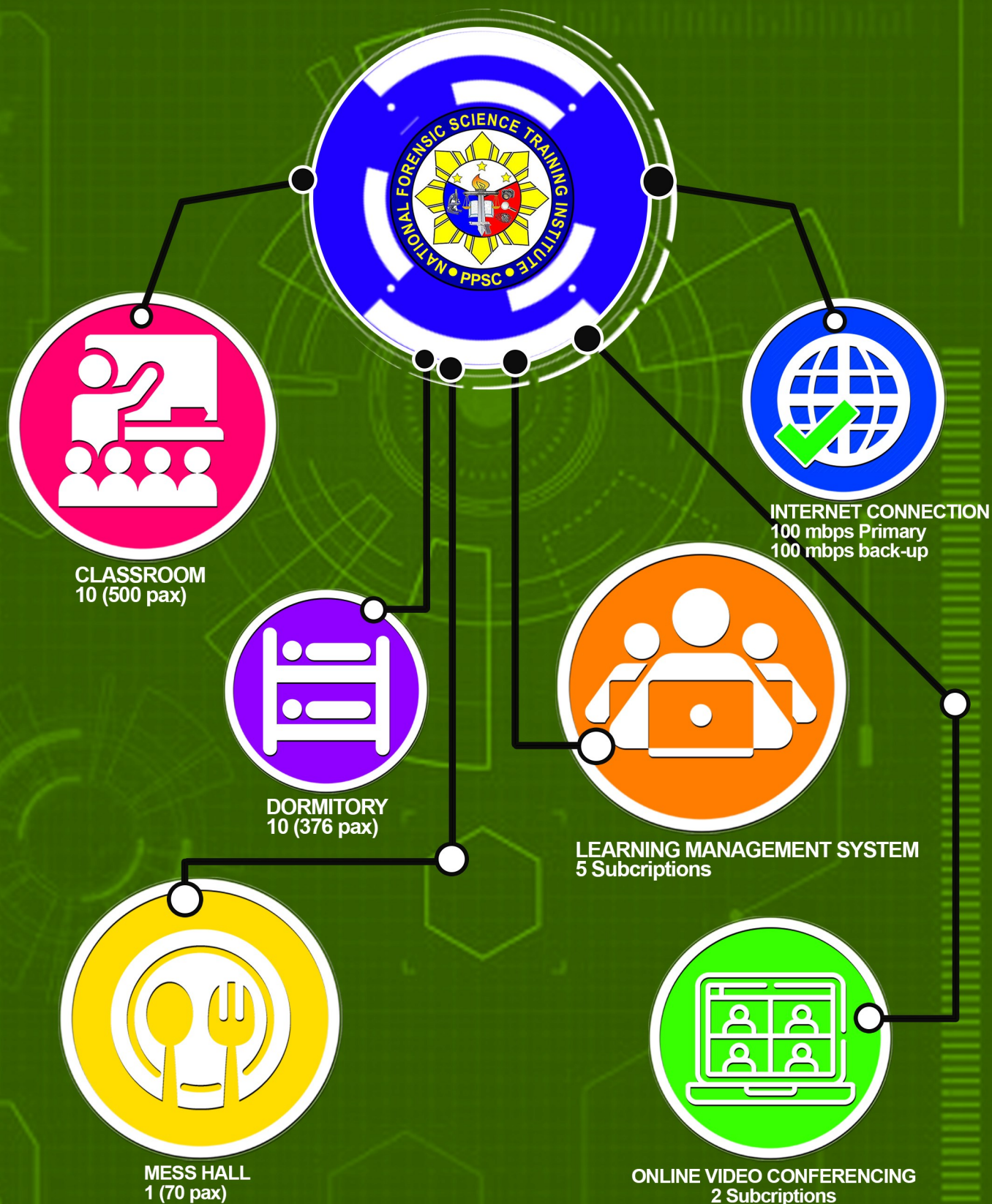
Special thanks to Philippine Public Safety College (PPSC) President, **PLTGEN RICARDO F. DE LEON, (Ret) Ph.D. and IT staff** for the continuous support of Information Technology leading and strengthening our institute working hard in fulfilling our goals and objectives.

“The advance of technology is based on making it fit in so that you don't really even notice it, so it's part of everyday life.”

By: Bill Gates



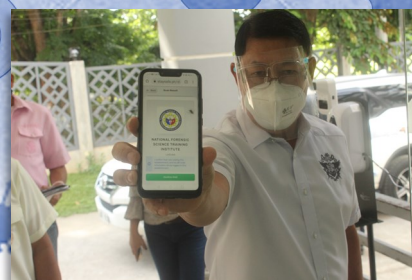
FACTS AND FIGURE



As of December 2021, the National Forensic Science Training Institute has remained committed to the enhancement of its facilities. Repairs and maintenance are in full swing towards the end of the year 2021. The development of its facilities is a major agenda on the ten-point strategic plan of the PPSC President, PLTGEN RICARDO F DE LEON (Ret), Ph.D. - ACCELERATE. Following the agenda, the enhancement of NFSTI facilities will have an encouraging work and learning environment for both staff and students. It is truly amazing that staying at NFSTI is a wonderful experience and will leave mark a legacy to the future crime investigators of the country.

KEEPING NFSTI SAFE

PBGEN FERDINANDO G. SEVILLA (Ret), PPSC-VP for Administration, visited the National Forensic Science Training Institute (NFSTI) last July 14, 2021 to inspect the implementation of Safety Seal Program in the institute. The program seeks to encourage as well as to increase personnel and clients' confidence in the resumption of face-to-face operation. PBGEN SEVILLA also inspects their respective areas of responsibility and establishments to affirm if it is compliant with the minimum public health standards set by the government. NFSTI prominently displayed an impressive preparation and best practices as well as integrates its contact tracing with staysafe.ph. At NFSTI, he was satisfied at safety hygiene practices displayed conspicuously at all entrance points according to prescribed dimensions. He also convey his confidence that the laid protocols are in accordance with the minimum public health standards required by the safety seal. The visit of the PPSC VP Admin is a proof that the management is prioritizing the overall health of its personnel in the entire organization.



Above: PBGEN Ferdinando G. Sevilla (Ret), PPSC-VP for Administration is showing his [stay.safe.ph](https://staysafe.ph) access during his visit to NFSTI. The staff welcomes him with strict observance to the health protocols laid by the Institute.

CONTACT TRACING WHAT TO KNOW:

WHAT IS CONTACT?

Anyone with exposure to a SYMPTOMATIC and ASYMPTOMATIC (+) COVID 19 case.

CLOSE CONTACTS?

- Interacted with a (+) COVID case within two meters for more than 15 minutes without mask or PPE
- Direct physical contact with a (+) COVID case without a mask or PPE
- Providing direct care for a (+) COVID case without proper PPE

HIGH RISK EXPOSURE:

- Household contacts for an hour or longer
- Carpool with a positive COVID-19 case for more than an hour
- Eating without proper distance from a positive COVID-19 case for more than 15 minutes
- Talking/Meeting in an enclosed space with a positive COVID-19 case for more than 15 minutes with either or both without mask

WHAT TO DO?

DO NOT REPORT TO WORK and quarantine for 14 days and monitor symptoms 2x a day. If symptoms appear get tested immediately. If remains asymptomatic GET TESTED on DAY 5.

Inform your Barangay Health Emergency Response Team (BHERT) for assistance

FOR LOW RISK EXPOSURE: Return to usual work and self-monitor for symptoms 2x a day if symptoms appear, test and quarantine.

HAVING COVID SYMPTOMS?

COMMON

- Colds
- Fever
- Sore throat
- Cough
- Loss of smell/taste

SERIOUS

- Shortness of breath
- Difficulty breathing
- Chest pain

WHAT TO DO?

STAY AT HOME! DO NOT GO TO WORK!

ISOLATE YOURSELF FROM FAMILY MEMBERS!

TAKE CARE OF YOURSELF BY DOING THE FF:

- Take paracetamol for fever
- Gargle with warm saline water or Bactidol
- Take at least 1000mg of ascorbic acid daily
- Daily sun exposure for 20 minutes between 10am-11am.
- Monitor your vital signs using thermometer and pulse oximeter
- Eat a healthy diet
- The body will do the rest.

MONITOR YOUR SYMPTOMS. SEEK IMMEDIATE MEDICAL CARE IF HAVING DIFFICULTY BREATHING.

PROTECT OURSELVES FROM COVID:

- Wear face mask properly
- Wash/sanitize hands frequently
- Practice one-meter physical distancing
- Limit physical interactions
- Avoid crowded places
- Ensure good indoor ventilation
- Maintain healthy body and mind

A VACCINATED FUTURE

DURING THE HOMILY IN THE CHRISTMAS EVE MASS THAT I ATTENDED, THE PRIEST MENTIONED THAT THE WORD PANDEMIC WHICH IS A WORD THAT WAS RARELY USED BEFORE BECAME VERY COMMON IN 2020. THEN ON TO 2021, VACCINE BECAME THE MOST COMMONLY USED AND OVER-USED WORD. THINKING OF WHAT TO WRITE I SETTLED ON THIS.

COVID VACCINE DEVELOPMENT STARTED AS EARLY AS FIRST QUARTER OF 2020. THE TASK WAS UNPRECEDENTED CONSIDERING VACCINE DEVELOPMENT TAKES YEARS BUT DUE TO THE PRESSURE FELT BY HEALTHCARE SYSTEMS AND ECONOMIES WORLDWIDE SCIENTISTS HAD TO EXPEDITE A COVID-19 VACCINE. THIRD QUARTER 2020 SAW THE CLINICAL TRIAL PHASE OF THE COVID VACCINES BEING DEVELOPED AND WERE REPORTED TO HAVE HIGH EFFICACY RATE. BY JANUARY 2021, VACCINES WERE ALL READY FOR ROLLOUT.

AND SO, THE YEAR 2021 HAS BEEN FOCUSED ON ENDING THE PANDEMIC THROUGH VACCINE DISTRIBUTION. IN THE COUNTRY, THE ROLLOUT STARTED IN MARCH UPON ARRIVAL OF ASTRAZENECA VACCINES FROM THE COVAX FACILITY. PHILIPPINES IS AMONG THE FIRST COUNTRIES IN SOUTHEAST ASIA TO RECEIVE VACCINES FROM COVAX. COVAX IS A WORLDWIDE INITIATIVE AIMED AT EQUITABLE ACCESS TO COVID-19 VACCINES (wikipedia).

AS OF THIS WRITING 105.4M DOSES HAVE ALREADY BEEN ADMINISTERED AND 54M ARE FULLY VACCINATED SINCE THE ROLLOUT. THE VACCINATION WAS HIGHLY ANTICIPATED AND WAS OF COURSE WELL RECEIVED WHEN IT STARTED. A PRIORITY POPULATION GROUP FOR VACCINATION WAS SET FOR EFFICIENT ALLOCATION OF AVAILABLE VACCINES. BELOW IS THE LIST:

- A1: Frontline workers in health facilities, health professionals and non-professionals like students, nursing aides, janitors, and barangay health workers
- A2: Senior Citizens
- A3: Persons with co-morbidities
- A4: Frontline personnel in essential sectors including uniformed personnel
- A5: Indigent population

DESPITE THE GOOD TURN OUT OF VACCINATION, SOME PEOPLE STILL PREFER NOT TO GET VACCINATED DUE TO FEAR OF ADVERSE EFFECTS EVEN WHEN MEDICAL EXPERTS AND STUDIES SHOW THAT THE BENEFITS OF GETTING VACCINATED FAR OUTWEIGH THE SIDE EFFECTS FROM IT. I AM SURE THAT A LOT OF YOU WITH VACCINATION CARDS WOULD AGREE WITH THE SAID STATEMENT. VACCINES DO NOT ONLY PROTECT THE PERSON FROM GETTING INFECTED WITH THE VIRUS BUT PREVENT SEVERE EFFECTS OF COVID19 VIRUS IF EVER ONE GETS INFECTED.

THE YEAR 2020 WAS A TOUGH YEAR FOR EVERYONE WITH SOCIAL MEDIA PLATFORMS FLOODED WITH COVID-RELATED DEATHS OF FRIENDS, PEOPLE YOU KNEW AND INTERACTED WITH, WHICH WAS VERY TRAUMATIC AND FRIGHTENING AT THE SAME TIME. YEAR 2021 WAS STILL A CHALLENGE BUT PROVED TO BE PROMISING WITH THE CONTINUOUS VACCINATION GOING ON. GRADUALLY EVERYTHING HAS STARTED TO PICK-UP WHERE THEY LEFT OFF. EVERYONE HAS ADJUSTED WELL TO THE NEW NORMAL OBSERVING BASIC HEALTH PROTOCOLS IN EVERY ESTABLISHMENTS. AND WITH THE VACCINATION OF THE ADOLESCENTS 12-17 YEARS OLD THE GOVERNMENT RECENTLY HAS ALREADY ALLOWED SOME SCHOOLS TO CONDUCT FACE-TO-FACE CLASSES. BOOSTER DOSE FOR THE FRONTLINERS HAVE ALSO ALREADY COMMENCED. HOPE IS JUST AROUND THE CORNER AND GETTING BACK UP FOR THE MOST AFFECTED IS SEEING LIGHT.

AS THE YEAR 2021 PASSES AND 2022 BEGINS, LET US ALL BE THANKFUL FOR THE BLESSING THE COVID19 VACCINES BRING. LET US ENCOURAGE THE PEOPLE STILL SKEPTIC OF THE VACCINES AND PROBABLY SAVE MORE LIVES IN DOING SO. LET US ENVISION A VACCINATED FUTURE FOR OUR COUNTRY.



The world is continuously adapting to the changing landscape of social, political, economic, technological, and environmental conditions. As we live in this volatile, uncertain, complex, ambiguous, disrupting, and diverse world, we are confronted by unthinkable foes. The world now is a very different place than it has been for a long time. We are confronted with both benefits and drawbacks as a result of the double-edged influence of globalization and the new challenges of the twenty-first century. Transnational crimes, terrorism, cybercrime, and a worldwide health crisis have all resulted from the connectivity of politics, economy, resources, and technology across states in an endeavor to unify and form a global society. Complexity tells us that an organization must be compatible with its environment to survive. And the challenge is for the current VUCA world to be transformed by VUCA Leaders: Visionary, Understanding, Collaborative and Agile Leaders.

The UN Sustainable Development Goals, a blueprint for creating a more just world, has named “quality education” as its fourth goal. One target of that goal is ensuring that by 2030, all children have the means to complete a “free, equitable, and quality primary and secondary education.” As an educational institution, the PPSC has been working really hard in fulfilling our goals and objectives and living the name as the premier public safety and leadership educational institution.

Today’s learners in the education setting have been surrounded by digital technology. However, our learners are not equally prepared for their technologically advanced future: a variety of digital inequalities still exist in society, affecting the younger generation and their digital destinies. To satisfy the needs of the new generation and their digital future, schools and learners’ education need to undergo a significant paradigm change. The COVID-19 pandemic has compelled schools and education to undergo such a transition quickly and dramatically.

Through our **ACCELERATE** Initiative, we have already set out our plan and accomplished various measures and objectives. It was indeed a bumpy ride and journey towards the realization of such goals. But our tasks are not yet done. We must continue to envision greater heights. We still aim to transform our organization into a Smart University, the one that “provides innovative ways of working, learning and teaching” among smart students, smart teachers and smart administrators. In the Legacy Plan 2030 Digital acceleration is one of the beneficial outcomes of lockdown and quarantine. Resistance to digital technology has been replaced with reliance. As mental barriers have been removed, the adoption of technology-enabled educational methods is being facilitated. As virtual classes became the norm, learning management systems (LMS) provided instructors and students at higher education institutions with a suitable platform for assigning assignments and turning in completed work. Learning outside of synchronous virtual classes has also been augmented by using online learning materials.

C.A.R.I.N.G. Strategy

In order to further complement our previous accomplishments through ACCELERATE, and as we begin another milestone and opening of the year, may all of us be guided by the so called C.A.R.I.N.G. Strategy. This strategy will signify our desire to transform our organization into a SMART organization amidst digital revolution.

C - Capable and High Caliber Pool of Subject Matter Experts

One of our goals is to continue to expand our pool of subject matter experts. In response to the growing demand for public safety training and education, the college should still be focused on hiring highly qualified subject matter experts from various fields. The College must intensify its faculty intervention practices capacitating our SMEs with trainings on Flexible Learning Management System and blended learning modalities. We will continue to invite more experts to be part of our growing academic community in order to build stronger foundation, strengthen our research undertakings and establish partnerships and networks with other institutions.

A - Accessible Online Learning System

Even before the onset of the pandemic, the PPSC has already laid down its plan and strategy in shifting to flexible learning management system. And so with the mobility restriction amid the Covid-19 pandemic, we were able to successfully develop and implement Flexible Learning Management System (FLMS) for continuous education and training. Now, our aim is to ensure that our students are well-engaged and are fully maximizing the benefits that online learning has to offer.

R - Relevant and Responsive Curriculum

The PPSC continues to make great strides in implementing various academic training reforms to address the changing dynamics of peace and order, public safety and security. We continue to revisit our existing curriculum, update our references, and ensure that the knowledge that our students will get are indeed up to date and essential. The recent inauguration of the Library for the MPSA signifies our intention to continuously update, improve, and develop our curriculum for the betterment of our students.

I - Innovation, digitization, and transformation

Through the Information Technology Infrastructure Development Program, various innovations on learning administration were already introduced such as the establishment of flexible learning management system canvas along with our interconnectivity partnership with the Department of Information and Communications Technology where we've had recently signed the memorandum of agreement with Sec. Gringo Honasan of the DICT. Now, we must continue to improve our information technology capacity and ensure state-of-the-art infrastructures and facilities.

M - New Mindset

Mindsets are not just important for learning new skills. They can affect the way that we think about everything. Your mindset is a set of beliefs that shape how you make sense of the world and yourself. It influences how you think, feel, and behave in any given situation. What we want is to instill the strong foundation characterized by continuous skills and capacity building, professional competence, emulating Filipino ideologies and values such as nationalism and patriotism, and strengthened transformative leadership capabilities.

G - Global Academic Leadership

The PPSC continuously fortifies its alliance with various higher educational institutions and special police training organizations both locally and internationally. We have laid down our plans and we will continue to push through with this endeavor in connection with our goal to become one of the leading public safety and leadership educational and training institutions in Asia. Through our strengthened partnerships with international police institutions and organizations, we were able to benchmark best practices and allow our students to learn from our international partners. These plans, strategies and action programs of our institution are all anchored and supportive of the country's commitment to achieve safer, greater and more resilient communities in line with the directions indicated from the overarching programs of Ambisyon Natin 2040, COP26 Paris Agreement, and the United Nations' Sustainable Development Goals.

Changing the Mindset

Transition and transformation require a shift in mindset from the pandemic and crisis mode to a recovery and regeneration scenario. Thus, the VUCA perspective — which stands for Volatility, Uncertainty, Complexity and Ambiguity — may be reversed and transformed into Vision, Understanding, Clarity and Ability. Behavior modification is vital to a mindset shift. Long-term exposure to the pandemic's disruptive aspects causes risk aversion and an excessive dread of the unknown. Purposive self-reflection and brainstorming reveal the availability of resources — including people — who can jumpstart growth in new and different directions. The positive VUCA mindset needs to be complemented by a purposive heart set. Mindset is what one believes that, in turn, shapes what one perceives and how one views the world. Mindset or the way of thinking also determines ways of doing.

It is our second year of celebrating Christmas season amidst the pandemic. As the country eases restrictions in order to slowly boost our economy, we also look forward to a brighter and better celebration of Christmas with our loved ones. Indeed, this year has been very challenging as we continue to face the complexity and uncertainty of the current realities. But despite all of our downfall and losses, we must remain stronger as ever. At the heart of our accomplishments and legacy lies our strong desire and dedicated will to fulfill our mission. In this joyous occasion, may we always be reminded that our transition and transformation towards a better organization requires a change of mindset; a paradigm shift from pandemic and crisis mode to resilience and recovery. The key to changing the mindset is to believe that everything is possible, for as long as we have the heart to do it. We should never stop to keep on looking for opportunities and possibilities. We must be able to effectively lay down our way forward.

In our building-back stronger strategy framework for the PPSC, we have illustrated our significant undertakings using futures thinking in setting the pace towards progress and development. The way forward for the PPSC is to continue to build opportunities for collaboration, engage in partnerships and networks with public and private institutions, both in the local and international levels. It is in our earnest hope that as we in the PPSC continue to perform our mandate, we will also continue to create more significant positive impacts in building a more sustainable and resilient society. May we all continue to enrich our institution entrenched in integrity and trust.



PPSC PRES. RICARDO F. DE LEON

Sharing the C.A.R.I.N.G strategy for 2022

NFSTI HYMN

We hail you and greet you!
With voices loud and clear!
Without a thought of fear!
We sing with pride and cheer!

VISION

NFSTI.....In **VISION** are the best,
In training Law Enforcers
You're full of zest!

**By 2030, NFSTI is the Center of Excellence
in Modern Forensic Investigation Education and
Training in Asia.**

We are the country's dearest children,
We advocate a life of peace and order,
We truly serve our dearest nation,
With so much love and true devotion.

We are the country's dearest children,
A life of turmoil, troubles are forbidden,
We strongly do our very best,
To glue most serious matters.

MISSION

We are the country's dearest children,
Lovers of peace and order,
Who honestly do the inquiry,
To hold integrity and dignity,
We are the country's dearest children,
We are the country's dearest children,
We are the country's dearest children,
**NFSTI is committed to provide responsive,
scientific relevant and countinuing investigative
education and training to the PNP,BFP,BJMP,
allied public safety and security institution'
personnel and other stake holder.**

Opposed to those of other nations.

Law enforcers we are,
Who shun the thought of war
We call ourselves the best of Champions,
Patriotism, Nationalism our idealism.

In unison we sing this song!
For we are ONE where we belong

We work for peace and harmony,
Help people of our community,
Evade from threats of criminality!

Repeat refrain:
We hail you and greet you!
With voices loud and clear!
Without a thought of fear!
We sing with pride and cheer!

