

THE INVESTIGATOR



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Finding our way through inspiration



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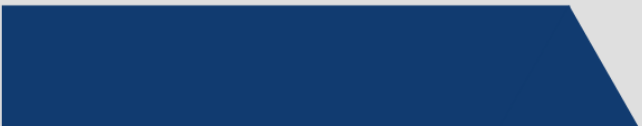


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As I close this chapter of my leadership at Philippine Public Safety College, it's the beginning of another for the incoming administration. I appreciate the journey I had with you all, where my goals were formed and realized and where the connections developed my inner growth. If I reflect on a substantial goal I accomplished in the past years, I may not have reached the goal were it not for the steps taken to get there. Here's where we need to look back on and savor the well-designed journey we treaded together here at National Forensic Science Training Institute (NFSTI). Indeed, the past 8 years of hard work paid off because of relevant and significant milestones manifested. NFSTI was deeply fixed upon in the 10-point agenda, "ACCELERATE", where it was translated into actionable strategic goals to set out plans and various objectives. I remember when I firmly decided to change the embedded cultural discourse of the organization and define opportunities for growth. The first step is always the hardest, where we must step out and leave our comfort zone. There was a lot of alignment and planning that needs to be carefully laid out to identify possible challenges and secure either long or short-term solutions. As we seek development in this Institution, we contended to improve NFSTI's premises by the inauguration of the three-story NFSTI building at Camp Vicente Lim, Calamba City in 2018.

In the act to stimulate confidence in clients and other stakeholders to a high standard, the NFSTI staff underwent a thorough preparation and received guidance from the external audits in the request for the ISO 9001:2015 certification. In addition, as we direct to be the Center of Excellence in Modern Forensics Investigation Education and Training in Asia, PPSC NFSTI was compelled to advance and redeveloped its courses, facilities, and technology. By securing its official email address with the domain name @nfsti.gov.ph, we dared to remain competitive and linked to digital society. NFSTI also expanded and partnered with local and international agencies offering investigative courses that will benefit its stakeholders in the hope of producing top-caliber police investigators. In the years 2020 and 2021, COVID-19 created the largest disruption of education systems in history, affecting nearly 1.6 billion learners in more than 190 countries and all continents including the Philippines. Closure of schools and other learning spaces has impacted this generation. On the other hand, this crisis has stimulated innovation within the training sector. National Forensic Science Training Institute (NFSTI) has seen innovative approaches in support of education and training continuity. The creation of the virtual classroom was refined and these changes have also highlighted the promising future of learning.

NFSTI utilizes Google Workspace, a point-to-point 100mbps speed that has been laid out making the institute able to impend the accelerated changes in modes of delivering quality education and building resilient education systems. In the last quarter of 2021, NFSTI opened its pioneer class for Digital Forensic Investigation Course (DFIC) which has participants in different sectors. This proves that the community recognizes the entity's relevance and the value of being with a premiere institute that will provide them with the finest training with regards to crime investigation and forensic science. As we forge ahead to innovation, NFSTI was able to launch its DFIC Logo and Digital Forensic Laboratory. PPSC NFSTI has grown and evolved over the years, we felt it was time to ensure a higher quality of training and enhance the proficiency of the students in handling digital evidence and scientific processing of the crime scene. As the President of PPSC, it is a great honor for me to see the growth of this Institute. From vision to reality.

It is beyond doubt a long, tiring, and rough ride, but the journey is about learning and growth. They are important markers of our lives and they remind us that we are all travelers of some sort.

Indeed! What a journey it has been!

MARAMI PO SALAMAT AT HANGGANG SA MULI!


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

Let me begin by saying how privileged I feel to have been the Director of the National Forensic Science Training Institute (NFSTI). After nearly one year of detailed assignments, I have seen the NFSTI grow and move forward to the achievement of its mission. When I started my term as the Director, I was fascinated by the vision our PPSC President, Dr. Ricardo F. De Leon, laid down for NFSTI, which was already in the expansion process. As we imposed targets, we focused on how to make NFSTI significant to the community. Amidst the challenges of the new normal, we see opportunity bloom and surge in providing highly specialized courses in Criminal Investigation and Detection Course aided by forensic science.

With this in mind, I am proud to say that our webinar programs were expanded, reaching not only the 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. It also serves as a favorable time for NFSTI to be well-known in providing training and methodologies in criminal investigations. We launched the Digital Forensic Science Laboratory this year. We accelerated the development of 8 forensic science laboratory disciplines, strengthening the learning in forensic science. Undeniably, NFSTI did an outstanding performance.

As the institution that provides comprehensive training for future investigators and leaders, we also aim to design an educational process that instills moral standards. Guided by the objectives of KASUROG Care, the National Forensic Science Training Institute (NFSTI) has adopted the MALASAKIT Program. The love, brotherly attitude, and realization that each one has a responsibility to each other are emphasized in this activity. PPSC NFSTI endeavors to balance fine education with the correct values in cultivating the minds of younger generations.

I have greatly appreciated the time working with NFSTI personnel dedicated to serving the discipline and the public. My job could have been much more difficult if it wasn't for your help.

Lastly, I wish good luck to the next generations of leaders who will be taking over to make NFSTI even better.

Move forward, NFSTI!


PLTCOL RANDY M. MALUYO, MPSA, Ph.D.
Director



EDITORIAL

We are ignorant of how quickly time passes, thanks to modern technologies, habits, and influences. The time is limited and thus, it must be spent wisely to one's advantage, and to benefit others and society. We have witnessed significant organizational changes over the past six years, particularly at the National Forensic Science Training Institute (NFSTI). NFSTI has grown from a temporary classroom and laboratory to a three-story structure with ten classrooms and laboratories. The agency will continue to encounter challenges & issues which the institute has been severely impacted by the disparity in stakeholders' levels of appreciation resulting to significant drop in the enrollment in 2017. However, with the support of top management and the enthusiasm and commitment of the NFSTI staff, it alters the future student's perspective that ongoing training is not for compliance but for professional advancement. The NFSTI's quality training was utilized, and the students were exposed to it. Through excellence, the students have passed the word to their peers about the knowledge and advanced learning techniques they had mastered over four and a half months. That action causes a chain reaction among many stakeholders to regain their trust and improve their capabilities and skills at NFSTI. Enrollment has been rising, and it continues to get great reviews. In response to pandemic, the NFSTI reacted fast to implementing cutting-edge teaching technologies to deliver the most responsive program of instructions. The NFSTI continues to share knowledge and offers free training to the public safety and security sectors to meet the demands of law enforcement and other related agencies. By thinking beyond the box, the NFSTI is expanding its knowledge into the local and international public safety and security sectors, including the academe. The NFSTI is indeed absolutely **ACCELERATING** forward to a new journey

The journey has already begun and will go on...

ABOUT THE COVER



The cover highlighted the significant transformation of NFSTI from ground zero to a three-story building located at Camp Vicente Lim, Mayapa, Calamba City, Laguna. The three-story building is an important initiative of PLTGEN RICARDO F. DE LEON (Ret), MPSA, Ph.D., which encounters rigorous study and deliberation from the top management of the Philippine Public Safety College. The mosaic pictures of NSFTI's activities and accomplishments symbolizes the staff's camaraderie, enthusiasm, and passion for delivering the most responsive training program of instruction to its stakeholders. The colors red and green manifests the drive of the Director, PLTCOL RANDY M MALUYO, MPSA, Ph.D., and the entire staff to expand its horizon to other agencies and think out of the box learning strategies to maximize the learning of the students. With the offering of new courses, the NFSTI is with the nation to strengthen the human capital of the country's public safety and security sectors. The NFSTI will continue find its way to inspire and is the title of today's cover.

June 28, 2022 - The first Multi-Sectoral Digital Forensic Investigation Course of the Philippine Public Safety College was launched at Camp BGen Vicente Lim, Mayapa, Laguna. The ribbon cutting was led by the PPSC President PLTGEN RICARDO F. DE LEON (Ret), MPSA, Ph.D., with his loving wife DR. ANGELES T. DE LEON, MD, DPBA, MHSA, MMHA, MHA. It was witnessed by other PPSC and NFSTI key officials. After the ribbon cutting, REV. FR. PCOL RONILO A DATU, Chief, Chaplain, PRO4A, blessed the facilities.

The initiative is marched towards innovation and digital transformation through the C.A.R.I.N.G. Strategy, which the PPSC President began. As a step towards a secure and tranquil digital era of public safety, the NFSTI provided the first formal course study of digital forensics in the Philippines last December. The National Forensic Science Training Institute (NFSTI) Digital Forensic Laboratory is a specialized area to work where the students can engage in computer-related crime cases, digital data exploration, identification analysis, and digital evidence storage. Its goal is to assist future investigators in identifying, acquiring, and interpreting digital data. Therefore, it anticipates that this initiative will help students develop the abilities to work in digital forensic investigation.

PLTCOL RANDY M. MALUYO, MPSA, Ph.D., gave his welcome remarks to the participants. He emphasized that the NFSTI is continuously doing innovation and evolution and are pleased to announce the opening of the Digital Forensic Investigation Course Laboratory. Over the years, PPSC NFSTI has expanded and changed. It was time to guarantee robust training standards, improve students' competence with digital evidence, and scientifically analyze crime scenes. As technology advances, so will cybercrime—crimes involving a network or system security breach. People who use electronic gadgets also leave behind various footprints, traces, and imprints, just like in real life. They are referred to as digital traces, Director Maluyo added.

After the welcome remarks, a digital launching of the Digital Forensic Investigation Course (DFIC) logo was officially launched. It was immediately followed by a quick message from Mr. Ruck Edmund Del Rosario, the Digital Forensic expert. In his speech, he was grateful that PPSC-NFSTI had taken the initiative to establish a digital forensic laboratory as the country is already behind in digital investigation. Mr. Del Rosario looks forward to the laboratory growing and catering to a more significant portion of society. This is a good start, Mr. Del Rosario said.

As the program's highlight, the President, PLTGEN RICARDO F. DE LEON, MPSA, Ph.D., gave his inspirational message to the guests. He highlighted that the program is part of a strengthened and expanded digital forensic investigation for immediate identification of criminals and rapid processing of evidence from crimes such as rape, pornography, cyber-attacks, and hacking. It will also help increase the knowledge and skills of our authorities and agencies in combating various cyber issues in our country. It will also assist in monitoring possible digital threats from inside to outside the country. Under the supervision of the Philippine Public Safety College and the National Forensic Science Training Institute, it is also studying the relationship with universities and colleges in the country to make it part of their subject matter.

CONGRATULATIONS NFSTI!



The ribbon cutting was led by the PPSC President PLTGEN RICARDO F. DE LEON (Ret), MPSA, Ph.D., with his loving wife, DR. ANGELES T. DE LEON, MD, DPBA, MHSA, MMHA, MHA. It was witnessed by other PPSC and NFSTI key officials and students.

30 PLAYERS, ONE TEAM, ONE NFSTI

NFSTI Institutional Strengthening Activity

The National Forensic Science Training Institute (NFSTI) conducted its Institutional Strengthening Activity with the theme: *30 Players. One Team. One NFSTI*. Primarily, the activity aims to reinforce the working culture towards the advancement of the institute. A total of 30 staff departed NFSTI last May 4, 2022, at 7:30 in the morning, followed by a prayer led by Ms. Janice Gaduena, Admin Clerk. Bound to Villa Escudero Plantations and Resort in Tiaong, Quezon. Mr. Vergel Santiago, Chief Admin/RAAD, set the first activity. The first activity measures the staff's accuracy in estimating the team's arrival at the venue. Ms. Riza Dimaculangan, the Finance Clerk, provided the most accurate time estimation at 9:08 AM. The team arrived at Villa Escudero at exactly 9:06 AM. Ms. Maripaz Yalo, the SDO/Petty Cash Custodian, initiated a videoke session to ease traffic while traversing the venue.

After a temperature check and other health protocols, the staff immediately headed to Heritage Museum to deepen historical and cultural awareness. The museum showcases different religious relics, historical artifacts from different parts of the world, wildlife fossils, and remains. A sumptuous lunch were served to the staff with feet soaked in the cold spring water from the mountains of Quezon Province.

After lunch, Ms. Mari Dominique Satuito, Secretary of the Director/Planning Clerk, presented the NFSTI targets and annual updates. An open session on meeting the targets for the rest of the year. Office Chiefs presented their plans on how to achieve each target. Another topic presented is the importance of health and wellness. The activity highlighted the sharing of individual habits for maintaining overall health and reducing stress. PLTCOL RANDY M. MALUYO, MPSA, Ph.D., Director, NFSTI, gave his inspirational remarks to the team. After some guidance, the Director ended the session part.

The team enjoyed a mouth-watering buffet dinner while listening to live acoustic music prepared by Villa Escudero Management.

The following day, May 5, after a hearty breakfast, the NFSTI enjoys the infinity pool, bamboo rafting, and strike unlimited "instagrammable" photo opportunities.

The team left Villa Escudero at 11:00 AM with the flame of understanding the importance of teamwork and communication towards ONE TEAM. ONE NFSTI.



The team listens to each other's inputs on how to achieve the targets. PLTCOL RANDY M. MALUYO, MPSC, Ph.D., Director, NFSTI with the staff, captured the moment before the activity conducts.



The team enjoyed the buffet dinner after the afternoon discussions. The team enjoyed breakfast on day 2 of their free time. The team also enjoyed the infinity pool and bamboo rafting. NFSTI team takes time-unlimited "instagrammable" photo opportunities.

FILLING THE FUTURE WITH TECH

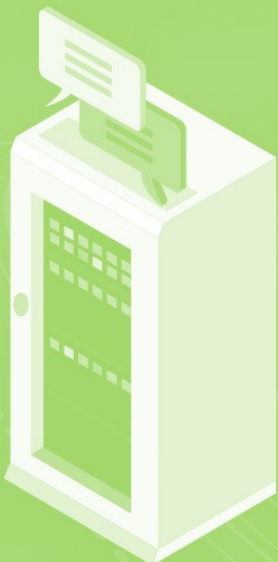
Before the COVID-19 pandemic paralyzed the majority of human activities and provided vast and unimaginable challenges, the National Forensic Science Training Institute (NFSTI) sought firm internet connectivity from Digital Subscriber Line (DSL), Broadband connection via phone lines to the wireless connection and Fiber optics geared up to the working platforms to tasks. It helped us acquire an efficient and effective working environment. The TELETRONIC SYSTEMS INC (TSI) has been creating and providing innovative communication and technology services. For three (3) generations, they have offered a range of digital ICT (Information and Communication Technology) firsts. From the group's introduction of the earliest digital voice switching platforms, the first national corporate, private data network services, to the earliest business-class broadband, TSI has been at the forefront of the Philippines' digital communications service developments and trends. And now, an enhanced managed network service solution. It is the first unbreakable, secure, and full-service business internet solution that transforms your internet access into a trusted and tailored productivity infrastructure.



Engineered by experienced ICT experts and operators, the service uses an intelligent software-defined WAN in combination with managed IT capabilities and leading threat management software. It is one-stop internet access and digital security solution designed to drive more service productivity, performance, security, flexibility, and reliability. From a solid headquarters network to cloud connectivity to remote access, the service helps ensure your business will have more effective next-level ICT connectivity.



This means helping you solve more problems and do more, whether IT or ISP-related. It aims to deliver the assurance of a best-in-class secured digital business network environment and leading IT solutions with more value at less cost. Empower the business/users with a powerful, mission-enabling, and connected next-level business network.



They are soon acquiring a fixed speed of 200 megabits per second (MBPS) remodeling to a more accurate and reliable internet set-up. Internet connectivity will pose a significant challenge for online learning students (CRIDEC and DFIC). This possesses an opportunity for students to learn online basis. Mobile devices such as smartphones greatly help the students because of the multiple functions, especially in learning.

FIRE EX: Say No to Fire, Say Yes to Fire Safety



(Above) NFSTI: Staff applying the techniques in the use of the fire extinguisher. (Below): Resource Person sharing their knowledge in the use of fire extinguisher. (Left): Awarding of Certificate to the Resource Persons.



The National Forensic Science Training Institute conducted a practical guide on using fire extinguishers last June 14, 2022, at the NSFTI Rizal Hall. The seminar aims to educate the personnel and the maintenance team on the proper types, parts, and effective use of fire extinguishers, including the classification of fire hazards, standard best practices, and appropriate incident response procedures. This includes discussing the types of fire extinguishers, proper placement, and the requirements for maintaining office and portable fire extinguishers.

FO1 Manuel M. Binwag Jr. and FO1 Boy Norman P. Jacawill of Calamba City Fire Protection provides fire extinguisher user training with step-by-step procedures for effectively using fire extinguishers in a fire event.

A total of 28 NFSTI staff participated in the seminar and experienced the hands-on use of fire extinguishers. The seminar is part of the personnel development plan of NFSTI.

Through the seminar, the NFSTI facilities are guaranteed to be safe from the threat of getting burned down.

Selected NFSTI staff attended the "How to become an Effective ISO 9001:2015 Document Controller" seminar last April 22, 2022, initiated by the Department of Trade and Industry-Philippine Trade Training Center - Global MSME Academy (DTI-PTTC-Global MSME Academy). Deputized Document Controllers, namely Ian Mark D. Martin, Hernan G. Reginio, Joevy M. Talamayan, and Janice A. Gaduena started a whole day of training. The seminar was fast-paced, extensive, and grueling, given the wide breadth of lecture content, online and hands-on activity they had to learn, and the technical skills they needed to acquire.

In the current era, artificial intelligence and emerging technologies make our work much more accessible than earlier; document control management or archive management has become a value-added project management tool for current business. Due to COVID-19, we are moving towards business transformation management in digital control, where these tools will become necessary for any small or large business.

Mr. Romeo Ramirez, the Resource Speaker, gives a robust foundation for the profession and explains all the tasks and responsibilities of a document controller. It contains numerous workshops and tutorials that will acquire competencies and enables the participants from different constitutive units under the Philippine Public Safety College to achieve their goals of becoming effective document controller that can apply to day-to-day work. Most Document Controllers learn the discipline 'on the job.' The seminar consolidates the profession's foundation, formalizes knowledge, and deepens competencies. It allows experienced Document Controllers to compare their experience with best practices.

Any organization wanting to comply with the ISO 9001:2015 standard must produce certain documents, including a quality manual, a quality policy, and specified documented procedures. Of course, most organizations will choose to record much more information than that required by the standard. Controlling documents is a crucial requirement of ISO 9001:2015, and one documented procedure is the Document Control Procedure. The standard specifies that controls should be defined within the procedure; these explain further below.

The seminar points out to help the participants to meet the nine required areas of document control: Layout and Structure, Coding and Numbering Scheme, Review and Approval, Status Control, Version Control, Document Preservation Control, Distribution Control, Document Security Control of Obsolete Documents. First is the "Layout and Structure," which facilitates the identification of unapproved QMS documents and Guides compliance to requirements through pre-defined fields. "Coding and Numbering Scheme" provides standard, logical, and traceable QMS docu-



ments. "Review and Approval" specify reviewing and approving authorities for each record and reviewing approved documents before issuing or re-issue. "Status Control" typical document control status identification: Stamp (controlled or uncontrolled), Dry Seal, and Color-coded papers for controlled copies. "Version Control" identifies the current revision status and denotes revision marks (Revision levels or Issue levels) or the latest release by date. "Document preservation control" document must remain legible, identifiable, and specify a method to recall and replace soiled, torn, physically deteriorated documents. "Distribution Control" documents are available and suitable where and when needed; Distribution defines who decides, who does it, who checks it, External defines who decides, who acquires, who distributes, and updates master lists to track down documents. In addition, "Document Security Control" protects documents and maintains confidentiality and integrity, prevents improper use, specifies accessibility policy outside of working hours, electronic copying or emailing policy, establishes policy for unauthorized changes, reproduction, disposal or issuance, establishes a system for issuing "uncontrolled" copies and assignments with prior authorization. Lastly, the "Control of Obsolete Documents" recalls obsolete documents, records the call if outdated copies were kept, specify a method of identifying outdated documents, e.g., rubber-stamped "Obsolete."

In general, to be an effective documents controller, they should understand the standard and document control requirements and procedures, establish them, review, and be familiar with the specified forms such as document change requests, master list, distribution list, issuance, and recall, safeguard the document control stamps – "Controlled", "Uncontrolled", "Obsolete", "Reference". Communicate and clarify with concerned offices/functions. Always exercise patience and diligence, but also be mindful of details and maintain compliance to document control policies and requirements. Document control plays a vital role from beginning to the end of a project to ensure the proper flow of documents. It is an essential process in the QMS. It controls and manages all maintained documented information in the system. If it fails, the QMS will crumble and also forget. The Document Controller is the gatekeeper of the supported recorded data of the QMS. The Document Controller's training, commitment, and competence are crucial to an effective document control system. Be sure and don't overthink your writing.



Above: Red roses were given to the female staff as the culminating activity of Women's Month. Below: Team NFSTI enjoying the street foods at the main lobby. The NFSTI staff with Pres. Ricardo F. De Leon after the launching of Women's Month.



Empowering Women: The NFSTI Way

Because Women's Month is celebrated in March, most GAD events are concentrated in the year's first quarter. The Institute's GAD facilities, which were opened, includes the NFSTI GAD Corner, which functions as a bulletin board for updates and information relating to women's sectoral concerns and causes. Another is the Lactation Room, an improvised room for nursing women and their newborns. The inauguration was held on March 8, 2022, and was attended by Dr. Ricardo F. De Leon, President of PPSC, and other key officials.

The first quarter's activities began on February 14, 2022, when all employees celebrated Valentine's Day by exchanging gifts and sending love wishes. While plans for a month-long celebration of Women's Month were being made, a letter was issued to the PPSC of the list. Following that, the NFSTI Director, through his GAD focal person, announced the activity on February 28th immediately following the flag raising ceremony.

The students were informed about the traditional all-female student-led Monday Flag Raising Ceremony. As a result, the class female representatives will hold events on March 7, March 14, March 21, and March 28. Meanwhile, the celebration would not be complete with the posting of PWC prescribed streamer at the fences of NFSTI.

All zoom activities have been with the PWC prescribed backdrop, which NFSTI customized by placing their logo and named edifice. GAD T-Shirts were also produced for all the employees.

On March 7, exercise such as Zumba was adapted to care for the employees' health. A decision was also made to sponsor an Ash Wednesday liturgy at the PRO-4A chapel.

A webinar named "A GAD Inspired Digital Literacy: Content, Create, Edit, and Upload," organized by NFSTI on March 22, 2022, was also held. Also, a culmination activity was scheduled to last March 31, 2022.

Changing the Gear of Learnings from Offline to Online



The Character and Competency Framework for Law Enforcers and Public Safety Officers

PLTGEN Ricardo F De Leon (Ret.), MPSA, Ph.D.
 President
 Philippine Public Safety College
 Department of the Interior and Local Government



Above: Behind the scenes action on the production of asynchronous learning materials on Character and Competency Framework of DR. RICARDO F DE LEON, President, PPSC. Below: Director NFSTI, giving his introduction to the author. A thumbs-up sign as the final frame of the asynchronous materials.

With the ongoing trend in modern delivery of training and education, NFSTI is preparing itself to adapt the new way of learning modalities through the use of technology. In response to significant demand, NFSTI asynchronous learning allows students to learn on their own schedule, within a certain timeframe. Asynchronous learning may also encompass a wide variety of instructional interactions, including email exchanges between teachers, online discussion boards, and course-management systems that organize instructional materials and correspondence, among many other possible variations. A huge advantage of online learning is that it is inherently easy to scale. The use of educational technology tools can begin to convert selected subjects to asynchronous modalities. Once created asynchronous learning you can push it out to as many people as you want and there are no scheduling challenges, geographic barriers, or device restrictions. These online programs will support the PPSC mission of serving another sector of society that's in charge of public safety and security.



You can't teach people everything they need to know. The best you can do is position them where they can find what they need to know when they need to know it.

-Seymour Papert



NFSTI

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

26TH ANNIVERSARY

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

NFSTI: PROVIDING THE MOST RESPONSIVE TRAINING IN CRIME INVESTIGATION AND DETECTION FOR 26 YEARS.

The theme for the 26th anniversary of the National Forensic Science Training Institute's founding was C.A.R.I.N.G. Strategy to Exist @ 26th. The concept was motivated by the Institute's unwavering dedication to its stakeholders. The country was beginning its sluggish recovery from the pandemic; thus, the theme was appropriate. The NFSTI will continue to offer the most relevant instruction and training in criminal investigation and detection courses. For the next 26 years, NFSTI will continue to expand students' knowledge of forensic science and crime investigation. The NFSTI is a specialized course that provides the most effective specialized training to the nation's law enforcement organizations.

To continue to exist, the Institute must SURGE and ACCELERATE more. As the NFSTI, our duty to our fellow citizens is to produce qualified graduates who will uphold and protect public safety.

To provide improved hygiene precautions and can safely remain physically together inside the institute. The program was conducted simultaneously via zoom and with a bit of face-to-face setup. To safeguard its stakeholders and employees for safe operations, they conducted an ocular examination of the Philippine Public Safety Academy's Mess Hall and Dormitory housed on the grounds of NFSTI, under the direction of the PPSC President and staff.

Following the inspection, the program began at 10:00 AM with PBGEN RITCHIE MEDARDO A. POSADAS, MPSA, Ph.D., who serves as the Office of the Chief PNP's Chief of Peace Process and Development Center as Guest of Honor and Speaker.



L to R: NPC, Director ROMEO MAGSALOS, MPSA, Ph.D., PPSC, President PLTGEN RICARDO F. DE LEON (Ret) MPSA, Ph.D., PBGEN RITCHIE MEDARDO A. POSADAS, MPSA—Guest of Honor and Speaker, Ph.D., NFSTI, Director PLTCOL RANDY M. MALUYO, MPSA, Ph.D., PPSC, Vice President PBGEN FERDINANDO G. SEVILLA, (Ret), MPSA.

The National Jail Management and Penology Training Institute Director, JCSUPT HILBERT M. FLOR, MPSA, PLTCOL RANDY M. MALUYO, MPSA, Ph.D., Director, NFSTI, and representatives from other Constitutive Units are also present on this occasion, along with the President of the PPSC, PLTGEN RICARDO F. DE LEON, MPSA, Ph.D., VP for Administration, PBGEN FERDINANDO G. SEVILLA, (Ret), MPSA.

KUDOS, Sir Randy! The 2022 PRC Outstanding Professional of the Year in the Field of Criminology



POLICE COLONEL RANDY M. MALUYO, MPSA, Ph.D. is a Bachelor of Science in Criminology graduate in 1996 and passed the Licensure Examination for Criminologist in 1999. He also took a Bachelor of Laws (LLB) in 2004, Master of Management and Doctor of Philosophy Major in Development Administration in Philippine Christian University, and freshly completed his Master in Public Safety Administration as a scholar with honors at Philippine Public Safety College.

He has held various key positions within the police service; he became the Chief of Police in Infanta, Pangasinan, and Chief of Anti-Carnapping. He was also assigned as the Chief of District Intelli-

gence Operations Unit (DPIOU) MPD and conducted numerous sensitive police operations. He led the arrest of multiple high-value targets (HVT) National level, NCR, and MPD, most wanted persons, including the ambush of Maria Cristina Decena in Quezon City in 2014. This commendable gallantry, dedication, and competence to duty earned him exceptional performance among his peers in the police service and the community.

His passion and commitment to serving the community as a police officer hold forth simply in solving crimes. Afterward, he was assigned as the Director of Regional Training Center in Region V, establishing the capacity for community building of criminology community in various schools, colleges, and universities. He also aims to design an educational process that instills moral standards, guided by the objectives of his KASUROG Care program "allied for progress," a partnership that aims to strengthen community cooperation.

In 2021, he was appointed as the Training Director of the National Forensic Science Training Institute (NFSTI). He secured that professionals in the law enforcement agencies will receive and benefit from the most responsive career progression programs from the basic to advance training courses. He also went beyond the call of duty as he established the granting of scholarships to the underprivileged but deserving students through grants supported by partner individuals and organizations. Under his initiative, he adapted the MALASAKIT Community Safety Program, which benefited stakeholders such as the academe (SUC's Criminology Departments), local government units, law enforcement agencies, and qualified individuals interested in the field of public safety and security for education and training. The program is anchored in support of the Philippine government Ambisyon Natin 2040, which targets a sustainable, peaceful, and secure community for the progressive Philippines.

His excellent track record speaks for itself; he bestowed 88 various awards and recognition from different organizations, to name a few, as awarded as Best Training Director in the year 2019 by Philippine Public Safety College and Outstanding Criminologists of the year 2021.

As a commissioned officer of the Philippine National Police and detailed to PPSC – National Forensic Science Training Institute, his relentless dedication to the organization's goal is a testament to his outstanding professional career performance.

THE NFSTI FAMILY IS SO PROUD TO HAVE YOU! POLICE LIEUTENANT COLONEL RANDY MATA MALUYO, MPSA, Ph.D. - 2022 PRC Outstanding Professional of the Year in the field of Criminology.



HOW TECHNOLOGY HELPS EDUCATION

Education is one of the areas most affected by the COVID-19 lockdown, with social distancing measures leading schools to be closed. The COVID-19 pandemic is rapidly highlighting the importance of online education as a component of teaching and learning. Teachers can use online learning as a potent teaching tool by implementing it into current curricula rather than using it only as a crisis-management tool. Virtual classrooms, video, robots, and other technology tools can make the class more interesting and create more inclusive learning settings that stimulate cooperation and inquisitiveness while allowing teachers to collect data on student performance.

For the benefits of technology in education, teachers desire to increase student performance, and technology can assist them. To address the issues, administrators should assist instructors in developing the skills required to improve student learning using technology. Furthermore, classroom technology should simplify teachers' tasks without adding extra time to their day. Technology provides students with fast access to knowledge, accelerated learning, and enjoyable opportunities to put what they've learned into practice. It allows students to study new disciplines and expand their comprehension of inside and outside the classroom.

Because of educational technology, collaboration and communication have improved. Teachers can interact with students during lessons, but students can also speak with one another. Students cooperate to solve challenges through online lectures and learning activities. Students can share their views and ideas and encourage others in collaborative tasks. Simultaneously, technology allows for one-on-one connections with professors. Students can ask questions about the classroom and seek more assistance with difficult to understand topics. Students can upload homework from home and teachers can access and view completed assignments on their laptops.

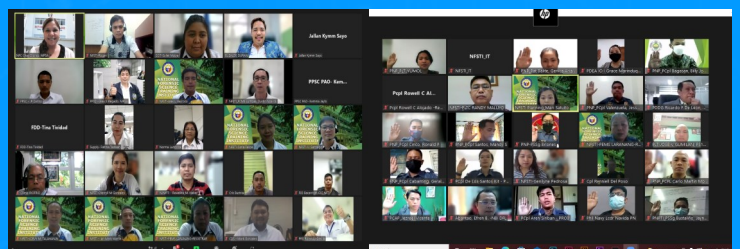
In opportunities for personalized learning, technology enables continuous access to educational resources. Classes can be entirely online using a laptop or mobile device. Learning that is hybrid combines the

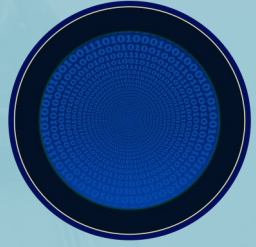
use of technology from anywhere with regular in-person classroom sessions. It is possible to employ technology to adapt teaching plans for the individual student in both cases. Lessons can be designed based on student interests and strengths. Another advantage is that students can learn at their own pace. Students can review videos in the lesson plan when they need to study class material to understand critical ideas better. Teachers can use the data provided by these online activities to discover which pupils struggled with specific courses and offer

additional help and support. Teachers can encourage children's curiosity and inquisitiveness through entertaining and informative content so that curious students can learn math and reading subjects more effectively. Videos and podcasts may also be used to create compelling content. Students can engage with classmates from around the world or add films to their assignments, for example.

Teachers can use technology to achieve new productivity levels, implement useful digital tools to expand student learning opportunities, and increase student support and engagement. It also enables teachers to improve their instruction methods and personalize learning. Schools can benefit from technology by reducing the costs of physical instructional materials, enhancing educational program efficiency, and using teacher's time efficiently

Several people believe that technology "spoils" children. For example, they will use a calculator instead of sitting down and learning how to count. Even though these people exist, technology continues to be an essential component of the world we live in today. By incorporating technology into our schools and classrooms, we will ensure that kids have far better tools and knowledge to make the transition from school to the workplace as smooth as possible. We must confront the reality that technology is the "in" thing in the world today, and it has become vital in every part of our life including education. It benefits at increasing our students' knowledge and making them more competitive in the employment market. Technology is a versatile and valuable tool for teaching, learning, and becoming a way of life. The most important thing is that teachers need to be prepared to use these technologies effectively. Schools can use technology effectively. For the welfare of students, teachers, and society, it must be done.





CIRCUIT BOARD AND BINARY CODE

A Circuit board is the visual representation of all the computing devices that Digital Forensic investigators should examine to acquire data (binary code).



PHILIPPINE MAP

Represents the different Philippine government agencies and institutions that are being catered to by NFSTI in the training proper of digital forensic investigation.



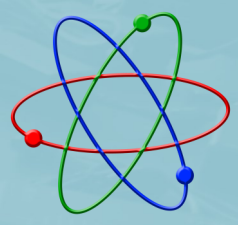
FIREWALL SECURITY

Represents the knowledge of cybersecurity which is one of the essential skills in being a digital forensic investigator because cybersecurity protects data from theft and damage.



FIRE

Also known as Cyberspace, is composed of computer networks which is the playing field for digital forensic investigators.



INTERTWINING CIRCLE

Represents science and skills.



MAGNIFYING GLASS

Represents the investigation tool.



COMPUTER MONITOR AND USB

Represents the digital forensic tools.



WORLD WIDE WEB

Also known as Cyberspace, is composed of computer networks which is the playing field for digital forensic investigators.



SCALE

Symbolizes fair use of technology, free of prejudice so that a fair outcome can be reached in aid of investigating cybercrimes.



WI-FI

Represents data transmission and fast access to real-time information in real-time. It also represents the availability of data anytime and anywhere that boosted the prominence of cybercrimes. That is why the digital forensic investigation is important.



WORD AND HASH VALUE

- DIGITAL** - 4bdf5e08b6342b373
- FORENSIC** - 19da2a6cdbfeafb
- INVESTIGATION** - 7ed1dff7dea2
- COURS** - 1063e3295c003d5a67e1



SATISFACTION WITH TRAINING SERVICES OFFERED BY THE NATIONAL FORENSIC SCIENCE TRAINING INSTITUTE*

The training school is very valuable for all uniform personnel. From the beginning of their profession, training is the most important before they reach the highest position and for them to upgrade their knowledge to become effective and efficient in their respective ranks. Since it is very substantial to all tri-bureaus in the Philippines, the researcher came up with this to make sure that the client of the institute is satisfied with the services.



The study assessed the satisfaction of CRIDEC students with NFSTI training services and the challenges that they encountered during their stay in terms of faculty and their instruction, facilities particularly, classroom, e-library, laboratory, crime scene plaza, mess hall, and dormitory. Using G*Power, the result of respondents were 280 from Alumni from 2017 to 2019 and current students. A descriptive correlational research design was used in the study. The survey questionnaire was divided into three parts: Demographics, training services satisfaction, and challenges encountered by the students.



The findings of the study showed that the alumni and current students were fully satisfied in terms of faculty and instruction, classroom, e-library, laboratory, crime scene plaza, dormitory, and were also satisfied with the mess hall, including the top five challenges during training. In terms of facilities, there was a need to improve especially in the infrastructure, renovation, and supplies inventory. The findings revealed that there is no significant difference between the assessment of alumni and current student trainees on the NFSTI training services.



*A Master in Business Administration Thesis presented to the Faculty of the School of Graduate Studies Laguna College of Business and Arts by RIZA P. DIMACULANGAN, NFSTI, Finance Clerk.

NFSTI: My HOME away from home



Reynosa E. Rustia
NFSTI Staff

How is NFSTI interpreted? Not just in the meanings of each letter but what it means in each person's life. Is it a school, a building, or a team? For me, I need to add the word—family. Let me enumerate one by one. NFSTI is a school that helps to develop and further expand students' knowledge. NFSTI as a building that brings together people seeking a life with various positions in government. NFSTI as a team is the people who provide colors and life to training directives provided by the PPSC. But, the most important thing is that NFSTI is a family. NFSTI has been a part of my life from then until now, in hardship and comfort, and in sadness and joy.

I used to dream of being part of Team NFSTI, but a lot of negative thoughts playing in my mind; they might not like me; it might be difficult for me because I can't meet above-average people, or think that I should have the same education and experience as them. All of that runs through my mind. "*Bahala Na! Hindi naman masama kung susubukan*"; these phrases are all in my thought bubbles. Everything is wrong because the staff here at NFSTI is the opposite of what I thought. I was very impressed with the treatment and warm welcome of the NFSTI staff. They hired me into the team, not as a new employee, but as a new family member. My wildest dream has come true! And it is true enough—I got into NFSTI. I have learned and will learn many new things. I will also be able to share it to my children so that they will be able to use them if they are the ones to seek for their own life. And also, I will never forget the wisdom given to me by one of the officials, Ma'am Mari Yalo. She said "Love your work, so that your work will love you too". A simple word, but has a deep meaning.

The word NFSTI is not just a word. It will leave you with many beautiful memories and many things to learn. I, Reynosa Rustia, thank everyone who makes up NFSTI and for accepting me. God Bless NFSTI Family!

Becoming a Great Nation



When you think of an ideal version of your nation, it is nice to think that it will be a place where the environment is loved and a land where knowledge, wisdom, and enlightenment are education. A country that is neither defenseless nor an aggressor, is governed by enlightened beings who promote peace, harmony, and human rights and ensures an all-people democracy. It seems to be something everyone is yearning for, myself included. It makes me wonder does that perfect country exist? Is there a formula to a great nation? Let's look at the world right now with everything's going on, unhappy people are everywhere who believe that life will be better in a developed nation and will have more opportunities and dream of a country with less corruption.

The Philippines is considered as one of the mega-diverse countries in the world with a high percentage of flora and fauna endemism, rich in culture, and land that abounds in so much natural wealth and social mobility. But why it remains to be asked why the Philippines has not made significant strides in improving its relative living standard? Hard-working Filipinos remain poor while other nations in the region get richer. Revolutions come and go with the aim of economic change, but nothing has changed. With the recent national election fueled by hope to resolve salient issues, campaigns thru social media have become a trend. Still, some of us no longer engaged in political discourse because all we did was snipe at one another, and we reached the point where the country gets more divided. Social media was supposed to serve as a platform where we could source our information relating to the campaign and the election, yet it failed to encourage any discourse.

This was a dangerous trend, many of our youth began to doubt and not participate in any meaningful political address. It was more of a battle of memes, cancel culture, disrespecting parents, and others. Little did they know, the corruption and political oppression remains, preventing us from making the great leap towards prosperity. And this happens for a familiar reason, lost values and moral uprightness.

(continuation "Becoming a Great Nation") Critical to the success of nations are the values we adapt. We vote by our values and live accordingly. At the national level, cultural values influence what institutions are formed and how they perform. It is challenging to maintain a democracy if the underlying values necessary to sustain it aren't respected in the first place. We are at the crossroad where different generations with different mindsets, beliefs, and habits are mixing up. With the rise of illiberal and failed democracies, we are learning that values play a role; our nation's institutions need people to support underlying values that are considered essential to the community.

Philippine Public Safety College (PPSC) and National Forensic Science Training Institute (NFSTI) caught sight of these arising complications. As the Institution that provides comprehensive training for future investigators and leaders, we aim to design an educational process that instills moral standards to create more civil and democratic societies. PPSC NFSTI firmly believes that an exemplary citizen is made, not born. As we learn and gain theoretical knowledge, we should also become specialists in values education fundamental to living in harmony and social progress, such as respect, empathy, equality, solidarity, and critical thinking. PPSC NFSTI endeavors to balance good education and the values in cultivating younger generations' minds. In his book entitled "Who are you who is dragging me?" Ock Soo Park says that "we must teach the heart first, and everything will follow". Like a river, there is a way the heart flows. For instance, working hard with personal interest is good, but still, it will change nothing. Has it been able to bring happiness to people? NO! But if we know the world of the heart, it would be a happy world. Universities, colleges, and schools are busy focusing on exploring the world of knowledge, forgetting to trail the world of heart.

Government and agencies, including PPSC NFSTI, must stay vigilant and proactive in the face of global security and for its country's welfare. Aside from these, we saw the danger of disinformation materials that spread on social media platforms heavily affecting the democracy of a state. However, social media also benefits society in more ways than one as it serves as one of the most trusted and convenient sources of information. The challenge now lies in nurturing the health of that information ecosystem.

How can the government use that technology? How we can make use of our advantage in the social media sphere. In the Philippines, 80% (89 million) of its population is a social media users. Let's fill the walls of social media users with meaningful information about loving the country. Vlogs with nationalism and patriotism-related content are a way of exploring the heart of the youth. However, it is not guaranteed that we capture a significant heart. Still, we are sure that at least 1 of the 89 million users will increase the development of nationalism and patriotism in our country. It will ripple until it reaches the remaining 20% of the population. For example, the resurgence of military training among youngsters has elicited various responses. Some people support it, while others do not. Some claim it will jeopardize their health, others would increase their expenses, and others claim it is ineffective. It is reasonable to comprehend the reactions, considering it was a previous error. However, with the correct information and financial support from the government, the youth will learn and be motivated to complete the program, and the rest will fall into place.

The Philippines may accomplish the same as Ukraine, Israel, and South Korea, where everyone is prepared to undertake military training and fight for their country despite unfair competition with conflict countries. Their hearts drive them to love their country beyond all else. Naturally, patriotism and nationalism are bursting from inside with tremendous respect for people of all races, religions, and cultures.

From this light, I would like to say that the role and importance of national and universal values in the upbringing and ensuring a sustainable social environment in the Philippines is incomparable. If we are to improve this country, we must work together for the common benefit, which creates an understanding of moral and ethical values to guide and make our youth morally upright citizens of the country.

We must try to improve rather than destroy the institution. Progress has never been simple.

NFSTI HYMN

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

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

NFSTI.....The school we proudly claim,
A school with undefeated aim.

We are the country's Law Enforcers,
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.

We are the law Enforcers,
Lovers of peace and order,
Who honestly do the inquiry,
Uphold integrity and dignity
Prove and disprove irregularity.

Pursue continuing education,
For the good of our nation,
We are the truest advocates,
Of patriotism and nationalism.

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 !