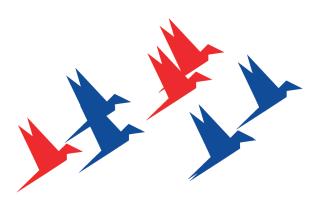


PERFORMANCE REPORT 2021

WE FLY HIGH









ABOUT THE COVER



The cover concept and design of the 2021 Performance Report of the DOST-Science and Technology Information Institute carries the theme "We Fly High" to capture the notable accomplishments of the Institute and to tell the story of how the men and women of the Institute spread their wings to fly high and reach the pinnacle of success despite the pandemic. The design of the cover takes on the simplicity of an origami style representation of a bird in flight, carrying the symbols depicting its projects, programs, and initiatives imprinted on its wings to greater heights for the past 34 years. The other avian symbols in red and blue colors complete the composition of the design that reflects the Institute's collaborative stance, flying in unison with other organizations and stakeholders to achieve a common goal - to communicate science for the people.











ABOUT THE INSTITUTE

The Science and Technology Information Institute (DOST-STII), established in 1987 through Executive Order No. 128, is the information and marketing arm of the Department of Science and Technology (DOST). DOST-STII is primarily tasked with providing S&T information services and advocacy, and S&T information reference services through its library.

DOST-STII implements its mandates through the two major programs:

- A. Operation of Science and Technology Center for Information Services
 - Library operations covering multimedia materials acquisitions, cataloging, and reader's services classification
 - · Literature search, reference, and referral services
 - · Current awareness services
 - · Document delivery services
 - Documentation
 - Training and consultancy on IT, S&T information handling, processing and services
- B. Science and Technology Promotion and Advocacy Services
 - S&T information gathering and processing, packaging, and dissemination to multimedia channels
 - Production and dissemination of in-house S&T publications
 - · Drafting and editing of speeches, messages, and DOST documents
 - Production of media guides, posters, and customized promotional materials
 - · Development of audio-visual production packages
 - · Media relations and related networking activities

PHILOSOPHY

DOST-STII's philosophy is rooted in its development mission to achieve and maintain S&T information excellence and deliver effective and efficient service in an environment where information at the moment of value is key to competitiveness.

DOST-STII promotes the widespread use and appreciation for S&T information. Through its continuing resource sharing activities, S&T mainstreaming services, and IT-based solutions, DOST-STII makes S&T information more accessible and valuable to all Filipinos.

Its people are the Institute's most important resource. Librarians, writers, information analysts and communication specialists double up as information brokers, publicists, advertising executives, and image builders for DOST and DOST-STII. With the advances in ICT and the increasing demand for S&T information, DOST-STII must keep pace by employing and training communication and information professionals who can meet the standards of competent service.





WE FLY HIGH



Mission

We provide accurate, relevant, timely, and inclusive Science, Technology, and Innovation (STI) information through resource sharing and efficient delivery systems.

We promote public awareness, understanding, and appreciation of gender-responsive STI information and its role in national development.

We capacitate our key stakeholders as partners and advocates in building an STI culture.

Vision

We are the leading agency and the authority on science, technology, and innovation (STI) information geared towards building a culture of STI to accelerate the nation's socio-economic development.

Mandate

The DOST-STII was created by virtue of Executive Order No. 128 issued on 30 January 1987, with the following mandates:

- · Establish and develop a science and technology databank and library
- Disseminate science and technology information
- · Undertake training on science and technology information

Quality Policy

"We, the management and employees of DOST-STII, are committed to establish a science and technology databank and library, disseminate and undertake training on science and technology information, and other related services to the private and government sectors, according to the core values stated below that define what the agency believes in and how it relates with its stakeholders:

INTEGRITY

Demonstrates consistently the generally accepted values and norms of professional and ethical behavior.

EXCELLENCE

Provides timely, accurate, and relevant public service to attain the highest level of client satisfaction.

COMMITMENT

Demonstrates passionate drive to deliver quality results.











INNOVATION

Adds value by pursuing continuous improvement of products and services.

COLLABORATION

Engages competent people to achieve a common objective.

We are committed to continually improve the effectivity of our Quality Management System at all times in order to meet customer satisfaction and all regulatory and statutory requirements; to address risks and opportunities; and to pursue the vision and strategic direction of the Institute to be the leading agency and the authority in Science, Technology, and Innovation (STI) information geared towards building a culture of STI to accelerate the nation's socioeconomic development."









CONTENTS

Message from the Secretary	9
Message from the Undersecretary	11
Message from the Director	13
View from the Top: The Office of the Director's 2021 Report	15
Technical Support Services	19
Unleashing Virtual Networks for Seamless Delivery of Services	21
Engaging the Public through Livestreaming Services	
Recalibrating Strategies to Serve Clients Efficiently, Effectively	
Shifting Library Services through the Digital Platform	29
Library Collection, a Commitment to Continuously Grow	31
Revitalizing IRAD Services through Social Media	32
STARBOOKS @10 and Beyond	36
Training Opportunities at the Comfort of Home	41
Soaring to Greater Heights by Embracing Traditional	
and Emerging Media Platforms	
Promotion Services	
National Science and Technology Week	49
Media Engagements	50
DOSTv: Science for the People	52
S&T Awareness	53
AV Services	54
Special Projects	56
Big 21 In 2021	57
Rizal The Filipino Scientist	58
Outstanding Financial Performance Through the Years	62
ISO 9001:2015 Recertification	63
Baseline Assessment of Internal Control System	64
Compliance to COA's Audit Recommendation	65
Shaping the Future of STII Leadership	66
Keeping the Workspace Safe and the Workforce Healthy	67
Bayanihan Within the Walls of STII	71
Production Team	79







DOST-STII AT A GLANCE

Physical Accomplishment

Science and Technology Information Reference Services



Quantity

Number of clients served



Percentage of clients who rated the services satisfactory or better



Content Build-up

S&T information materials scanned (titles/pages)

Science and Technology Promotion and **Advocacy Services**



Quantity

Number of promotion services rendered



Percentage of clients who rated the services satisfactory or better



Awareness

Percentage of National Awareness of S&T information



DOST Net Satisfaction Rating

Budget Utilization



Obligations incurred/Allotment received

Disbursements/Obligations incurred rate

ACTUAL ACCOMPLISHMENT

2020

2021

2,245,941	2,307,205
98.48%	100%
titles 506 pages	3,298
55,457	338,629

ACTUAL ACCOMPLISHMENT

2020	2021	
1,045	5,495	
100%	100%	
23%	24.5%	
+57	40.5%	

ACTUAL ACCOMPLISHMENT

2020	2021
94%	97%
97%	91%







2021 Highlights

DOST-STII milestones, awards, and recognitions received

DOST Report	Expertalk Online	Bantay Bulkan	Siyensikat	Animagham	FB Page Visits
(for 53 episodes)	(for 52 episodes)	(for 45 episodes)	(for 13 episodes)	(for 10 episodes)	Impressions: 584%
Reach	Reach	Reach	Reach	Reach	increase
2,625,277	531,286	2,702,173	AM Slot: 768,000	60,080	For Comparison:
Engagement	Engagement	Engagement	PM Slot: 869,000	Engagement	2020 - 7,364,781
149,757	18,973	25,010	Average View-	815	2021 - 50,434,344
Views	Views	Views	ership/min	Views	Audience Reach:
593,323	197,580	804,801	107,000	11,630	434% (increase) 30,053,325



16th Gandingan Awards Core Awardee

Gandingan ng Kaunlaran: DOSTv: Science for the People

Most Development-oriented Womens Program;

Expertalk Online: #Women in Science

Saving the Environment through Community Empowerment

Most Development-oriented Livelihood Program; Expertalk Online: Made in the Philippines Products Week

Most Development-oriented Science and Technology Program;

DOST Report: DOST Drug Discovery in the New Normal

Special Citation

Gandingan ng Agham at Teknolohiya: Fortunato T. dela Peña: DOST Report

General Awardee

Most Development-oriented Online Video: Paglaya (Native Chicken Story)



43rd CMMA Best Special Feature Winner

Faithfully Serving the Nation through Science



18th Philippine Quill Awards for Excellence in Government Communication programs: STARBOOKS

5,412

STARBOOKS Sites Installed (Nationwide)as of December 2021

Number of Years Included in the NEDA National Priority Plan

STARBOOKS (2017-2021)

5 4

DOSTv (2017, 2018-2021)

12

New partnerships sealed

4

STARBOOKS Mobile App

ISO 9001:2015

Recertification with no nonconformities and six best practices

Bronze Award (Activity Level II) Civil Service Commission











MESSAGE FROM

THE SECRETARY

It has been both challenging, but fruitful year once again for the Science and Technology Information Institute amidst the prevailing threat brought about by the COVID-19 pandemic. In two years, the circumstances under the pandemic have kept us in limbo and many of our plans still hang in the air.

Since Day One of this pandemic, however, DOST-STII firmly implemented measures to remain in business. And as the pandemic marched on to another year, the Institute focused on sustaining the headways it had made and entered the blue ocean of new opportunities for DOST-STII to make a significant difference in the delivery of its services to the public.

DOST-STII optimized the DOST presence in social media for S&T information dissemination to overcome the limited physical engagements that we have with our stakeholders since 2020.

The continuous development of news stories that capture the attention of the media has noticeably increased the DOST media mileage by major networks. This is a result of the tireless efforts of our pool of seasoned inhouse writers who, over the years, have developed the nose for good stories that are too good to pass on. This contributed to the four-folds increase in S&T awareness from just 6% in 2017 to 24.5% at the end of 2021 according to SWS. In all areas and across socio-demographics, the net satisfaction rating of DOST ranges from moderate to very good. Meanwhile, the Publicus Asia published its 2021 Pahayag Quarter 4 survey showing DOST at number 6 in both approval and trust rating among government agencies.

Regular news updates on related COVID-19 research, technologies, and services streamed on DOSTv over social media and Youtube channel and in mainstream media like CNN, kept our publics and the media abreast with the latest developments and information on the goings on in the science community.



And as the pandemic marched on to another year, the Institute focused on sustaining the headways it had made and entered blue ocean of new opportunities for DOST-STII to make a significant difference in the delivery of its services to the public.







Although face-to-face classes have yet to return, the DOST-STII Library made sure that students and faculty members can continue to access S&T information through the virtual library setup. Moreover, the conduct of virtual literacy program for library users and other value-adding webinars that provide new knowledge have made the DOST-STII library services relevant and supportive of the continuous learning of students, educators, researchers, and even ordinary Filipinos.

Although the COVID-19 pandemic may not go away sooner than desired, let me reassure the public that the DOST-STII together, with its able and competent leaders and staff, will always find ways to deliver its services to the public where and when they need them.

I would like to congratulate the DOST-STII for another fruitful year and we, at the DOST system, are banking on your core expertise to see more groundbreaking science communication initiatives that will convert S&T information into transformative knowledge, products, and services for the people.

ORTUNATO TO LA PEÑA

Secretary













MESSAGE FROM THE UNDERSECRETARY

When we look back to 2021, and as we assess where we are now a year after, we tend to look into our accomplishments as well as the things we were not able to do. For year 2021, despite the presence of the pandemic, I can confidently say that it was still a very productive year by any standard.

The DOST, our agencies, and our regional offices still performed well and to some extent, we have surpassed expectations as our R&D initiatives were in full swing. Innovation remained the key to our sterling performance with the emergence of new facilities and laboratories that addressed the challenges of the

pandemic and created value propositions that were needed to move forward. The science community remained vibrant and pro-active in addressing the needs of various sectors as we all repositioned our strategies to lessen the impact of COVID-19 and the natural hazards that came our way.

Through the entire year, the Science and Technology Information Institute never wavered on its mandate to bring the good news to our people, in all fronts, at a time when hope was a highly prized commodity. As the information and promotions arm of the DOST, STII proved its worth as the hardworking men and women of the Institute banded together to continue to communicate science and highlight the benefits it gives to the people.

By taking the extra mile, DOST-STII was able to maximize its resources to generate more accurate and timely press releases, publications, social media posts, educational information and materials online, and broadcast news and features through livestreaming and TV programs aired four times a week.

By taking the extra mile, DOST-STII was able to maximize its resources to generate more accurate and timely press releases, publications, social media posts, educational information and materials online, and broadcast news and features through livestreaming and TV programs aired four times a week.







As we continue to herald the many good deeds of our scientists, researchers, engineers, and innovators, DOST-STII gave its undivided support to make all of these known to our people. As a result, our SWS survey for year-end 2021 posted a positive 24.5% level of awareness on S&T information, a notch higher from 23% in November of 2020, and four times better than 6% way back in 2017. Awareness level on DOST remains high at 94% with a net satisfaction score of +34, considered as a rating of good, falling within the range of moderate +28 (December 2015 and March 2018) to very good +58 (April 2016).

I would partially attribute this to the DOST-STII who played a substantial role in creating good image for the DOST by amplifying the communication efforts of DOST agencies and regional offices with its own communication strategies.

Again, I commend the Institute for being instrumental in spearheading the promotion efforts in major events like the National Science and Technology Week, Regional Science and Technology Week celebrations, the launch of Big 21 in 2021 on September 7, 2021, the 6th National Research and Development Conference, and the Rizal the Filipino Scientist campaign that marked the 125th year of martyrdom of Dr. Jose Rizal with the largest 3D printed monument of our national hero.

Perhaps there were targets you have missed, but I would say that 2021 was much better for DOST-STII and the theme of their performance report is just as fitting because, as an institute, it did fly high and soared the skies of possibilities by adapting to current situations, embracing changes to effectively and efficiently deliver your tasks, and at the same time ensuring the welfare of the employees who are the real assets of the organization.

I congratulate the DOST-STII for a job well done. And now, I urge each and every one to sustain that passion for public service; to be more creative and resilient amid the challenges of the times; and to remain steadfast and hopeful of a better tomorrow. Fly high DOST-STII and flap your wings to bring science closer to the people!

DR. RENATO U. SOLIDUM JR.

Undersecretary for Scientific and Technical Services











MESSAGE FROM

THE DIRECTOR

I caught the COVID-19 bug in April of 2021, just as the second surge of infections quickly snapped up healthcare facilities and medications all over the country. Thanks to my smartphone and the support of family, friends and colleagues, I got hospital admission, ambulance service, and the expert services of a medical team led by, guess what, the son of a dear friend, just in time.

Despite makeshift initial accommodations at the hospital, my bilateral pneumonia was arrested and in six days I walked out of the facility, without paying a single peso!

I cannot imagine how that could have happened without the power to instantaneously communicate, on multiple platforms enabled by technology and the kindness of the universe. The pandemic may still be ongoing but we are certainly much better off today in facing the health crisis than at the time of the Spanish flu, a hundred years ago.

Similarly, despite the lengthening pandemic restrictions, DOST-STII in 2021 continued to Pivot, Perform and Excel, and, like the eagles, we flew high. We rose on the winds that brought the storm.

We passed our ISO accreditation with no non-conformities and six best practices.

The DOST Internal Audit Service (IAS) gave DOST-STII the highest rating among the 25 DOST agencies it had assessed. As per IAS Director Maria Teresa B. de Guzman, STII was able "to leverage its strength in communication in setting a strong tone at the top and effectively cascading this to the entire organization."

In communicating Science For The People, we were able to generate 37,558 news stories in 2021, up 110% from 2020, valued at P13.6 B or more than double from last year at P6.6 B.



The DOST Internal Audit Service (IAS) gave DOST-STII the highest rating among the 25 DOST agencies it had assessed.







On social media, we had 4,621 posts, up 386% year-on-year, and extended our reach to 30 million, up 435% from 5.6 M in 2020.

The online reach of the DOSTv digital broadcasts exceeded 76.2 million, representing an increase of 78% over the previous year.

Siyensikat, our science show on CNN, increased our average viewership per minute to as much as 107,000 compared to 83,000 when it initially aired on GMA News TV in 2019. It was also able to achieve an audience reach of 869,000 for its afternoon slot, and 768,000 for its morning slot every Saturday and Sunday at 8:00am and 4:00pm. This generated an advertising value of PhP169 million and media pickups valued at PhP17.9 million.

Meanwhile, STARBOOKS was installed in 449 new sites despite continuing travel and mass gathering restrictions brought about by the pandemic. It continues to hold its coveted spot in NEDA's National Priority Plan (NPP), and since 2017 generated a total of P12.8M in donations. For its part, DOSTv also saw its inclusion in the NPP, and generated P7.4M worth of donations in four years including two new Hyundai Starex vans in 2021.

DOST-STII also saw its achievements breaking ground in a number of fields in 2021. An article originally published in the First Quarter issue of the S&T Post was awarded Best Special Feature in the 43rd Catholic Mass Media Awards. The 18th Philippine Quill Awards cited STARBOOKS for Excellence in Government Communications Programs. More importantly, in 2021, the Institute earned the Bronze Award (Maturity Level II) from the Civil Service Commission, a major step in its constant drive towards excellence in human resource management.

All of these accomplishments are at the back of sound financial management with 97% OBUR and 91% DBUR.

Consequently, these achievements contributed to raising the national awareness level of Science, Technology and Innovations, to 24.5%, representing an increase from 23% in December 2020, 16% in December 2019, 13% in April 2018, and 6% in October 2017.

And in closing, the eagle rises above each storm, using the wind to lift it higher. It rises on the winds of adversities in the same way DOST-STII did in the two years of the pandemic. For us, the winds that constantly lift us remain to be our mandates, our vision and mission, our core values, and the people who are willing to ride the storms amidst individual crises, limitations, and difficulties.

A salute to the men and women of DOST-STII who made our pivot to success a seamless process. Together we fly high!









sense of purpose is integral to the human experience, says Anthony L. Burrow, Human Development. "Purpose is a forward-looking directionality, an intention to do something in the world," he says. On the onset of the pandemic in 2020, people were scared, confused, and uncertain to what will happen.

In 2021, as cases moved up, online and work from home became the norm, awareness about mental health took centerstage in our lives. Fear and anxiety became prevalent, even in the workplace. Nonetheless, it is natural to feel stress, anxiety, grief, and worry during the COVID-19 pandemic.

As a government agency that serves the Filipino people with up-to-date, relevant, and factual S&T information, the Science and Technology Information Institute under the Department of Science and Technology (DOST-STII) learned to adapt to the changing times, and observed the Work-From-Home arrangement to continuously deliver its services to the Filipino people in the safety of their homes.

The term WFH, an abbreviation for Work From Home, has become an effective alternative work arrangement. At DOST-STII, however, the term also stands for "We Fly High", to continually pursue our purpose to new and greater heights despite challenges and difficulties.



quick view of DOST-STII 2021 accomplishments







In 2021, the National S&T Awareness level rose to 24.5%. This percentage has gradually increased from 6% in October 2017, 13% in April 2018, 16% in December 2019, and 23% in December 2020. Additionally, according to Publicus Asia Inc., the Philippines' first and only registered Lobbying and Campaigns Management firm, that DOST ranked 6th for the highest approval ratings, and ranked 6th for the highest trust ratings in the 2021 Pahayag Quarter 4 survey.

Moreover, the year 2021 saw the Philippines rise to 51st among 132 economies featured in the Global Innovation Index 2021 up from 100th in 2014. The Global Innovation Index (GII) ranks world economies according to their innovation capabilities.

Proudly, the institute's major programs namely "DOSTv: Science For The People," the official science broadcast program of the Department and "STARBOOKS," a digital library in a box, were included in the 2021 National Priority Plan (NPP) of the National Economic and Development Authority. The NPP provides elusive tax breaks to project donors.

Moreover, DOST-STII's services were recognized by various award giving bodies specifically:

- Best Special Feature (Winner)
 43rd Catholic Mass Media Awards (CMMA)
 Fides in Scientia: Faithfully serving the nation through science by Allyster A. Endozo received on 26 December 2021
- PRIME-HRM Bronze Award
 CSC onsite assessment conducted last 17-19 March 2021
 Bronze Award (Maturity Level II) per CSC Resolution 2100370 dated 27 April 2021
- 18th Philippine Quill Awards STARBOOKS received Excellence in Government Communication Programs last 25 March 2021
- Gandingan ng Kaunlaran: DOSTv: Science for the People Most Development-oriented Women's Program;













Expertalk Online: #Women in Science Saving the Environment through Community Empowerment

- Most Development-oriented Livelihood Program;
 Expertalk Online: Made in the Philippines Products Week
- Most Development-oriented Science and Technology Program;
 DOST Report: DOST Drug Discovery in the New Normal
- Special Citation
 Gandingan ng Agham at Teknolohiya: Fortunato T. dela Peña: DOST Report

It is also notable to highlight that despite the challenges in face-to-face communication or meetings, DOST-STII was still able to secure new partnerships and collaboration:

- 1. Philippine Librarians Association, Inc. (PLAI)
- 2. Association of Science and Mathematics Educators of Philippine Private Schools (ASMEPPS)
- 3. Philippine Science High School
- 4. Asia Pacific College
- 5. Silliman University
- 6. Quipper Philippines, Inc.
- 7. Bizooku
- 8. The Manila Times
- 9. Batangas State University
- 10. Hyundai Philippines
- 11. Centro Escolar University

Additionally, with the three output indicators for the Budget Accountability Report for 2021, the institute was able to exceed two of its targets with 100% on the percentage of clients who rated the library services as satisfactory or better; and 311% increase in the number of promotion services and advocacy activities conducted. Meanwhile, the institute's in-house STARBOOKS unit was only able to install STARBOOKS to 29 sites out of 100 target sites, even so, with the dedication of regional STARBOOKS deployment officers, STARBOOKS was installed in 449 new sites despite continuing travel and mass gathering restrictions brought about by the pandemic.

Even with the institute's regular programs and services, DOST-STII also upholds its commitment in mainstreaming gender and development (GAD) by facilitating the completion of the GAD agenda; online activities were conducted such as the DOST-STII GAD Webinar Series: Enhancing GAD Awareness among S&T Practitioners, and Webinar on basic GAD concepts as part of the Library Information Services Month Celebration.

Facility enhancements were also done specifically on establishing a Mother and Child Care Center in the office as well as the renovation for a Gender Neutral Restroom.

Various GAD promotional activities were also done such as featuring Filipina Scientists/women in science in its broadcast programs, showing of short videos on GAD in the online library orientations offered by the institute as prescribed by the Philippine Commission on Women, and VAW Movie Screening of "Verdict" for all DOST employees.







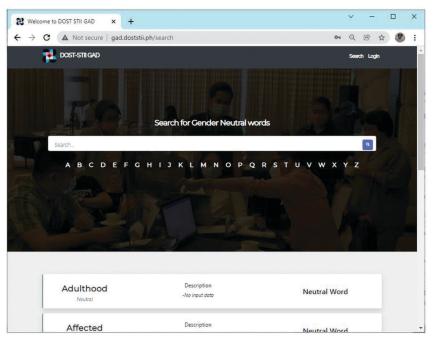


Figure 4. Screenshot of the GAD Language Checker tool online interface.

Revamp on the library collection were also made by acquiring seven GAD-related books and repackaging of Precalculus Lessons for Deaf and Hearing-Impaired Users of Science and Technology Academic and Research-Based Openly Operated KioskS or popularly known as STARBOOKS.

More so, in keeping with the organization's commitment to uphold gender equality and help information managers weed out inappropriate gender biases in written communications, the institute under the Information Technology Unit created the Gender Language Checker tool or GLC Tool.

The GLC Tool provides gender-neutral word suggestions on several gender-biased words used in day-to-day written communications and institutional publications. This tool is open for public use and can be accessed soon through an online portal available to both account-based and non-account-based users.

On top of the day-to-day activities in the institute, this year, the Office of the Director was able to accommodate 35 speaking engagements with the public and private sectors. Three of these were with international organizations namely, ASEAN Next 2021: ASEAN Summit on Spin-Off Technologies; 26th United Nations Climate Change Conference of the Parties (COP26); and AMIC 28th Annual Conference: PLENARY SESSION 6: Scientists, Journalists, and Communication Specialists: Toward a Sustainable Relationship.

The agency has also passed the recertification audit for its ISO 9001:2015 on 24 November 2021 with no nonconformities and six best practices recognized by the external auditors.

Despite the lengthening pandemic restrictions, DOST-STII in 2021 flew high by being fully committed to its purpose to serve the Filipino people. Tough times never last but tough people do!











he Information Technology Unit (ITU), a unit under the Management Information Systems and Planning Section (MISPS) directly and supported by the Office of the Director, is a support unit catering to the needs of the Institute in providing technical services such as IT assets and systems management, hardware servicing, and development of office productivity solutions and products.

With the continuation of the alternative work arrangement, which limits in-person operations to a remote but highly collaborative work environment, the ITU responded to the call by transforming the Institute's vital operations and day-to-day activities into virtual means. Thus, ITU has continuously provided technical support either through physical or virtual means and other network enhancements, enabling DOST-STII to reach its annual goals and targets.

Technical Support Services

One of the many challenges brought about by the quarantine restrictions was to enable work continuity amidst the implementation of the alternative work arrangement that reduced personnel onsite reporting. With ITU support, this enabled employees to work efficiently in a work-from-home setup. In that sense, the unit provided and complemented technical support and alternative productivity software needed by the personnel to be able to maintain their productivity and meet the set targets.

ITU rendered a total of 733 **technical support services**, many of which were in setting-up alternative work stations to enable remote work arrangements. As a result of this, the numbers are up by 90% in 2021 against the 2020 accomplishments, as the Institute adopted the work-from-home scheme where the need for technical assistance from time to time became more imminent.

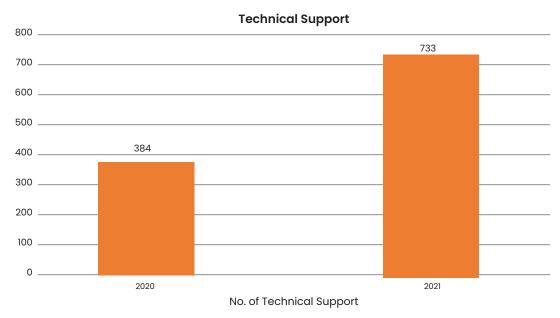


Figure 1. Number of technical support provided by ITU in 2020 and 2021





19



Of the 733 technical support services provided by ITU in 2021, 45% was related to **software** (minor assistance in software operations, installations, and configurations), while 37% was on **hardware** (troubleshooting), and the rest were a combination of the two services availed of by the personnel.

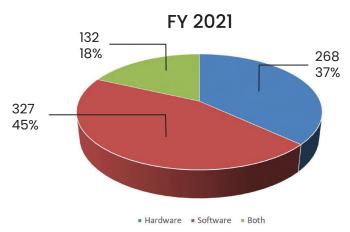


Figure 2. Breakdown of technical support provided in 2021

Moreover, the bulk of the 2021 accomplishments was on **software-related technical support** as the Institute acquired new laptops to enable the work-from-home arrangement of its personnel. This translated to various requests for assistance ranging from installation of the operating systems, uploading of online and desktop applications, and the use of other information technology systems in a remote work setup.

Breakdown of Technical Support per Type and Month for 2021

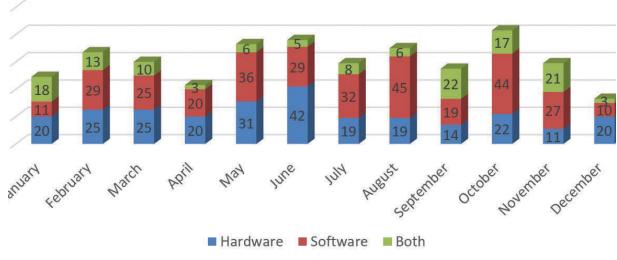


Figure 3. Monthly breakdown of technical support provided by ITU in 2021





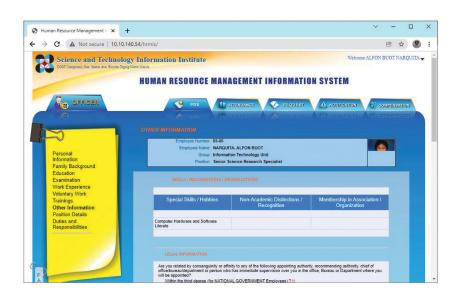




Unleashing Virtual Networks for Seamless Delivery of Services

Another facet of the ITU services is on **ICT networking**. With the same setup as last year, 50% of the workforce were allowed to report onsite on alternating days while the other 50% were at home. In 2020, ITU adopted the use of remote desktop applications to access internal information systems that were hosted in the office.

This year, the ITU applied the use of virtual networks, where critical personnel can request for access to these internal systems. These personnel were given tunnel access to STII networks where they can connect their laptops as if they were inside the office premises and connecting to the secured network. This initiative contributed well to the improved accessibility and network efficiency as the internal systems ran smoothly for remote personnel without connectivity lags, due primarily to the surge in bandwidth use.



As an example of remote information access, the **Human Resource Management Information System** or HRMIS is an application used for managing employee information and is only available within the DOST-STII through a private network. Essentially, the ITU was instrumental in enabling home-based employees in accessing this application remotely, which made efficient payroll processing and other HR-related employee servicing possible.







Systems Simplification: The STARBOOKS Installer and Updater Wizards

For the longest time, the setting up and configuration from scratch have been the challenge for the Science and Technology Academic Research-Based Openly Operated Kiosks System or STARBOOKS regional deployment officers for its offline system. Often, the systems' technical nature proves to be too much and becomes a daunting task especially for the deployment officers with minimal ICT background.

To address this, the ITU developed a **wizard-type installer** where the deployment officers can simply follow a series of steps and a few clicks to fully set up and configure the STARBOOKS offline system.

Following this framework, a **wizard-type updater** for the STARBOOKS was also developed for easier installation of STARBOOKS for the deployment officers.

The wizard is a big leap from the previous manual extraction of data and digital assets to keep STARBOOKS systems updated.

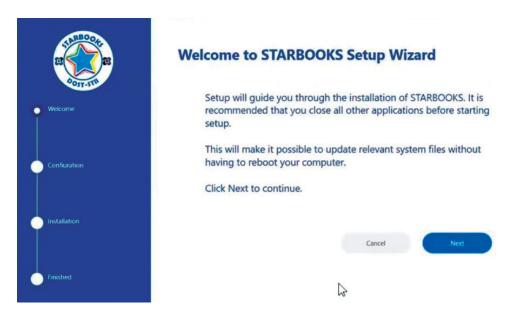


Figure 5. Screenshot of the STARBOOKS Installation Wizard











Engaging the Public through Livestreaming Services

Since the pandemic, ITU's livestreaming services have been the most popular service availed of within the Institute and even by some DOST attached agencies as virtual activities are the preferred mode over face-to-face engagements.

In 2021, ITU participated and assisted in 70 livestreaming activities within the Institute and with other DOST attached agencies, seven of which are considered DOST's major activities that required technical services to the DOST system. These major events conducted with successful results included the following: AMCEN Inauguration & Launching held on 14 June, the DOST 63rd Anniversary celebration held on 15 June, AMERIAL Inauguration and Launching on 16 June, the National Research and Development Conference/Webinar on 25 August, Launching of DOST Compendium of S&T Statistics (Virtual Presser) held on 19 November together with the DOST Central Office, the National Science and Technology Week Opening Ceremonies on 22 November, and the Unveiling of the Historical Marker and 3D-printed Rizal Monument held on 30 December.

Big Ticket Launches

In celebration of the Metals Industry Research and Development Center's (MIRDC) Metals and Engineering Week, the DOST-STII ITU conducted a training for the MIRDC personnel in handling the live streams and the corresponding technical arrangements for the Advanced Manufacturing Center and the Advanced Mechatronics, Robotics and Industrial Automation Laboratory launchings.



The AMCen livestream coverage during its hybrid launch.









ITU head Alfon Narquita (left) during the livestream orientation with DOST-MIRDC IT personnel.

NSTW Opening Ceremony

In support of the 2021 National Science and Technology Week (NSTW) celebration, the ITU together with the DOST-STII Communication Resources and Production Division and a team from the Philippine Council for Health Research and Development handled the live production of the **2021 NSTW opening ceremonies** with a 3-camera setup on an expanded chroma screen featuring DOST Secretary Fortunato T. de la Peña together with DOST-STII Director Richard P. Burgos.



2021 NSTW opening ceremonies











During the week-long event, the ITU was a big part of the celebration and spearheaded the overall conduct of the events' live stream, an essential engagement to reach many stakeholders and industry partners to promote science, technology, and innovation in this time of restricted mobility brought about by the COVID-19 pandemic.

Developing ICT Policies for Disaster Ready and Resilient Workspace

To help attain continuity of basic frontline services during extreme natural calamity, the ITU spearheaded the creation of resilient work procedures should there be work disruptions caused by the breakdown of critical infrastructure. The MISPS developed the Institute's **policy and its corresponding implementing procedures** to ensure that basic services will resume and the availability of the process related documents and documentation procedures are in place.

With the imminent threat of losing physical assets such as workspace, basic office equipment, and basic utilities, the DOST-STII developed the **protocols** to ensure continuous operation by providing remote access to pertinent documents and information.

The established Policy and Procedure basically outlines the location and methods for individuals and groups to manage mission essential files for storage and remote recovery. This also includes the types of assets and individual responsibilities in securing workable backups.

The guidelines have already been approved by DOST-STII Management on the fourth quarter of 2021 and will be rolled out and implemented in 2022.

	Department of Science and Technology SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE	Document Code	NA
		Revision No.	1
		Page No.	1
SECTION	Management Information Systems and Planning Section	Effectivity Date	January 1, 2022
SUBJECT	BACKUP POLICY End-User Level		

1. Policy Statement

To meet the enterprise business objectives and ensure continuity of its ELO, DOST-STII shall adopt and follow a defined procedure, to ensure timely and reliable backup of its work-related documentation and data assets. The Backup Policy for ELO reiterates the commitment of DOST-STII towards delivering the fastest transition and highest quality of services through the backup arrangement ensuring that its customers, business activities, and services do not suffer in any way. The policy shall be available for compliance to the DOST-STII employees with guidance from the Executive Committee.









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ith the pandemic still in our midst, the Information Resources and Analysis Division or IRAD continued to hold the fort by strengthening its institutional capability and maximizing the utilization of available resources, especially in the online platform.

From day one of 2021, IRAD buckled down to work and recalibrated its strategies to continue serving its clients most efficiently and effectively since the physical library is not yet available to welcome its clients. Hence, IRAD amplified its capacity to use the online platform to continuously serve its clients and to explore other opportunities to improve its services. By relying on its vast experience and highly competent staff, IRAD capitalized on its core strengths, addressed its weakness, and moved forward to deliver on its commitment to provide S&T information to its various stakeholders at optimum level.

True enough, despite the limitations, the foregoing statistics and stories of accomplishments were testament to what 2021 was for IRAD. It is also refreshing to realize that after implementing new strategies to promote library science in the country, more students and professionals became interested, even requesting a special lecture, in utilizing the online library and discovered readily-available library resources which were useful in their learning progress.

Shifting Library Services through the Digital Platform

As students and other library clients adjusted to the new normal brought about by the pandemic, IRAD made significant efforts to make the digital platform more useful to its library clients.



THANK YOU FOR ATTENDING!



DOST-STII ONLINE LIBRARY LITERACY PROGRAM Requested by Pasig Catholic College, Pasig City 22 September 2021 | 8:00-10:00 AM









A total of 2,307,205 library clients availed of DOST-STII online library services in 2021.

Of this number, DOST-STII reached 2,172,693 online library clients accessing Science.ph and SCINET Integrated Library Management System-Online Public Access Catalog or SILMS OPAC.

There was a noticeable shift in the nature of library services as students and professionals embraced the study-at-home and work-from-home arrangements at the onset of the COVID-19 pandemic. In 2021, a total of 137 material requests were received through several platforms and 119,552 downloads of library resources after the massive promotion drive of the **DOST-STII Online Library Literacy Program** (DOST-STII OLLP), a far cry from its 2020 performance of 51,111 downloads.

Further, IRAD accommodated 47 schools and institutions with a total of 5,405 library clients who participated in the DOST-STII OLLP, obtaining an overall satisfaction rating of 91.05% (Very Satisfactory or higher). This client reach is also 98.13% higher than the previous year.

Library Collection, a Commitment to Continuously Grow

With the slight ease in the restrictions, about 819 new library materials were acquired and processed that posted a 27.8% increase from its previous year. This included 399 copies of serials, 122 titles / 122 copies of books, and 298 titles / 321 copies of thesis.

Documentation & Digitization

The Digitization Section, where literature and manuscripts are being scanned and digitized, came up with **40,950 OCR-ready pages on Filipiniana materials** and 2,804 full-text articles uploaded on Philippine e-lib and SILMS databases.

In addition, IRAD has initially converted **13 DOST-STII library resources to text-to-voice ready format** to start integrating this feature to assist visually challenged library clients. The titles that were converted to text-to-voice included the following:

- 1. STII Annual Report 1988
- 2. Enercon boomics technology for saving energy
- 3. On water relations of the coconut palm
- 4. Serological studies on Philippine *Naegleria* isolates
- 5. Notes on the completion of the life cycle of *Penaeus japonicus* in captivity in the Philippines
- 6. A theoretical study of magnetoelectrostatic confinement scaling
- 7. Identification and characterization of malylated anthocyanins in Dianthus chinensis L.
- 8. Morphometric analysis and surface ultrastructure of ecdysial gland corresponding to the stages of moulting and metamorphosis of *Periplaneta americana*











- 9. Auxin-like property of coconut fatty acid
- 10. Toxic effects of a non-polar extract of the leaves of *Artocarpus altilis* (Park) following subacute administration to rats
- 11. Citral from Cymbopogon citratus (DC) staff (lemongrass) oil
- 12. Toxicity of endosulfan to the mangrove guppy (*Gambusia puncticulata* Poey) and its ecological implication in Jamaica
- 13. Technology PCAARRD publication to highlight current advances in agriculture and natural resources for policy-makers and research administrators

A total of **4,803** titles were added to the SILMS database, about **2,204 new records** in STARBOOKS content, and **345 scientists' profiles** were registered in WebDB.

From these bibliographic entries, IRAD produced two semi-annual publications, namely: the **Philippine Science and Technology Abstracts** or PSTA and the **Specialized Philippine Enterprise Reference of Experts and Scientists** or SPHERES.



Both semi-annual online sourcebooks, PSTA features S&T research abstracts from different local authors and publications, while SPHERES features Filipino scientists and experts specializing in S&T. PSTA and SPHERES are readily-available online and can be downloaded from https://stii.dost.gov.ph/projects/s-t-publications/philippine-s-t-abstracts and http://www.spheres.dost.gov.ph, respectively.







The PSTA is a collection of classified abstracts of S&T information from journals and periodicals while SPHERES is a compilation of bibliographical information on the men and women specializing in science and technology.

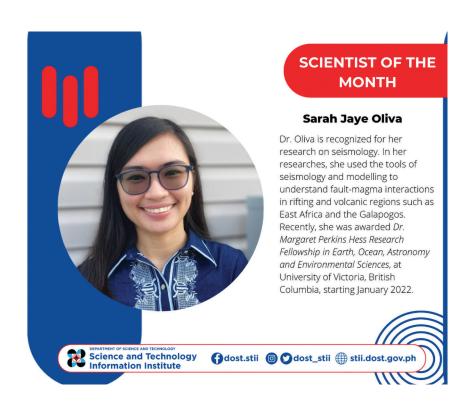
For 2021, Science.ph and DOST ScINET-PHIL registered 1,427,175 and 789,321 website visits, respectively.

Meanwhile, **STARBOOKS** made another significant contribution to the library database as it **converted 1,205 quiz materials** and **uploaded 6,050 new materials** from partner institutions and individuals.

IRAD also collaborated with DOST-PCAARRD and its regional consortia with the project titled "Accelerating DOST-PCAARRD Knowledge Networks of e-Libraries" to **digitize 1,954 Agriculture, Aquatic and Natural Resources (AANR) resources** and made readily available through the SLIMS database, a digital information hub for easy retrieval of AANR information.

Revitalizing IRAD Services through Social Media

This year, IRAD beefed up its social media platform featuring different library resource offerings including the monthly feature of newly acquired books, PSTA abstracts, and featured scientists in SPHERES.





















IRAD also supported the institutional advocacy campaigns particularly the Oras Pinas in support of the Philippine Standard Time covered under R.A. 10535.

Further, in 2021, the DOST InfoSerbilis was relaunched to reach more online clients and provide frontline services in addressing basic inquiries about DOST and its products and services. Now, InfoSerbilis is integrated and accessible on the DOST Philippines Facebook page and DOST-STII official website.

As a result of the relaunch, the DOST InfoSerbilis obtained an impressive 27,233% increase or equivalent to 820 inquiries against three in 2020. The online clients also rated the services as 94.2% Very Satisfactory or higher in their online experience.

DOST InfoSerbilis is a public service online platform that converges all DOST S&T information on various client inquiries relating to DOST services, general information, key officials, programs, projects, activities, scholarship applications, laboratory services, and other services.

/ DOST InfoSerbilis RELAUNCHING











STARBOOKS @10 and Beyond

With the theme, "STARBOOKS @10 'To!", STARBOOKS celebrated its 10th year, together with former DOST-STII Director and National Privacy Commission (NPC) Commissioner Raymund E. Liboro. Part of the celebration was the unveiling of the STARBOOKS Tenfold Magazine, which presents the decade-journey and accomplishments of STARBOOKS. This milestone event was aired through STARBOOKS' Facebook page and participated in by students, beneficiaries, and partners.

As part of the celebration, STARBOOKS engaged its stakeholders by conducting fan art contests, online live quizzes, freebie giving, and other interactive activities such as













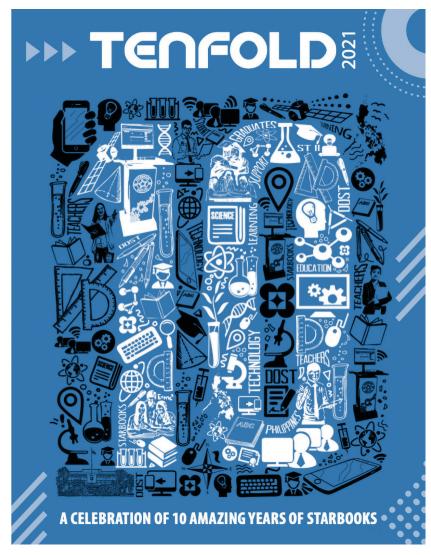


Former DOST Assistant Secretary and director, and current National Privacy Commission Chairperson Raymund E. Liboro during the STARBOOKS 10th anniversary.









The Tenfold Magazine story tells the ten-year journey and accomplishments of $\ensuremath{\mathsf{STARBOOKS}}.$

#STARBOOKS10HappyBirthday,#STARBOOKS10GuessRightAndGetThese,#STARBOOKS10AtHome, #STARBOOKS10VlogItToWinIt, and Caption This!









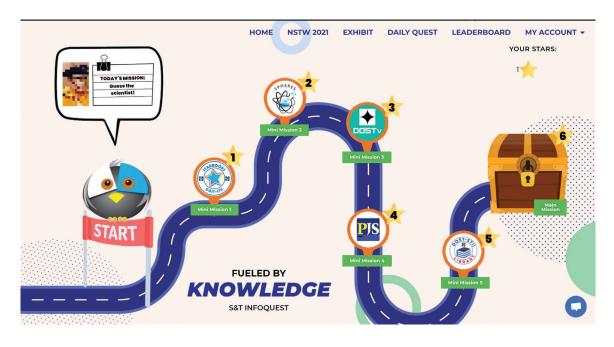




STARBOOKS Insider is a semi-annual publication that presents news and feature articles about STARBOOKS content and activities such as deployment, regional activities, and installations.



STARBOOKS Whiz App is an education and interactive quiz application covering S&T topics and is appropriate for learners from elementary to junior high school.









Furthermore, STARBOOKS launched the **STARBOOKS Insider**, a semi-annual publication that features STARBOOKS-related news feature, and **Whiz App**, an educational and interactive quiz application covering science and technology (S&T) topics for learners ranging from beginner (Grade 1-3) to junior levels (Grade 7-10).

STARBOOKS also participated in the 2021 National Science and Technology Week celebration by showcasing the **S&T InfoQuest**.

S&T InfoQuest is a digital "scavenger hunt" managed and run on a web-based platform such as Chrome and Edge, among others. The online scavenger hunt is an RPG-type (role-playing game) wherein players are given a set of mission lists to complete such as finding specified items or solving puzzles before the allotted time runs out. Each mission/puzzle incorporated DOST-STII products and/or services. The player needs to complete the missions/puzzles to unlock or solve the daily featured trivia which will be pulled out from the STARBOOKS database.

A special game map was designed as a jump-off point for the players to start the missions, highlighting the following game locations: STARBOOKS, DOSTv, Library Services, Publications, and PJS.

Lastly, **449 STARBOOKS sites were installed** for this year – 29 of them were done by DOST-STII while 429 were from DOST Regional Offices and partners.

Training Opportunities at the Comfort of Home

IRAD maximized the utilization of the virtual platform by providing training and webinars to its various stakeholders as seen from a 71.1% increase in the client reach. This year, a total of **9,418 stakeholders participated in 25 webinars** on library science and STARBOOKS in collaboration with its respective institutional partners. Overall, IRAD received a rating of 97.36% (Very Satisfactory or better).

DOST-STII Library Webinar Series FY 2021							
Date Conducted	Topic/Speaker		lumber o articipan	•	Overall Satisfaction	Moderator Satisfaction	Secretariat Satisfaction
	. spis, speaker	Male	Female	Total	Rating (VS or higher)	Rating	Rating
27 Jan 2021	Control your records before they control you / Mr. Martin Perez, DFA	275	1,036	1,311	97.25%	None	None
23 Feb 2021	How to speak in a digital stage and capture the limelight / Dir. Richard P. Burgos, DOST-STII	419	1,178	1,597	98.14%	None	None
24 March 2021	How to shoot like a pro: Promote your services using mobile photography / Mr. Henry de Leon, DOST-STII	398	841	1,239	98.61%	None	None
1 June 2021	Advancing Knowledge in Evaluating Credible Sources	178	696	874	99.15%	None	None
22 September 2021	Providing Access to Content in a Changing Environment / Mr. Paul Jason Perez, UP-SLIS	56	317	373	98.83%	98.39%	None











DOST-STII Library Webinar Series FY 2021							
Date Conducted	Topic/Speaker -	Number of Participants			Overall Satisfaction	Moderator Satisfaction	Secretariat Satisfaction
		Male	Female	Total	Rating (VS or higher)	Rating	Rating
28 October 2021	Repurpose and Repackage your Content to Achieve Maximum Results / Mr. Janny Surmieda, UP- SLIS	47	217	264	99.34%	99.43%	None
8 November 2021	LIS Month Celebration 2021, Day 1: Public Library Advocacies: Staying Relevant amid Pandemic / Mr. Michael A. Pinto, Cagayan Provincial Learning and Resource Center;	3921	2,316 ¹	2,708 ¹	99.63%²	98.42%²	98.42%²
	Academic Library Advocacies: Staying Relevant amid Pandemic, Mr. Lauren B. Kipaan, Benguet State University Libraries;						
	School Library Advocacies: Staying Relevant amid Pandemic, Ms. Zarah C. Gagatiga, The Philippine Board on Books for Young People;						
	Nelia R. Balagapo, Bangko Sentral ng Pilipinas;						
9 November 2021	LIS Month Celebration 2021, Day 2: Clinical Librarianship: Information Services and How It Assists Healthcare / Mr. Simon Philip R. Sacramento, St. Luke's Hospital;				89.01% ²	88.43% ²	89.47% ²
	Caring for Librarians: Mental Health, Wellness and Self-Care amidst COVID-19 Pandemic / Mr. Gino A. Cabrera, Southern Luzon State University;						
	Gender Sensitivity and GAD Perspective: An Introduction for Librarians / Ms. Maria Fe B. Singson, DOST GAD Program						
10 November 2021	LIS Month Celebration 2021, Day 3: DOST-STII Services and Resources / Ms. Lynderlitte M. Maglaque, DOST-STII;				99.85% ²	99.33% ²	99.33% ²
	DOST-STARBOOKS / Ms. Marievic V. Narquita, DOST-STII;						
	DOST-InfoSerbilis / Mr. Jonathan D. Abalon, DOST-STII;						
	Nuclear Information for All: Research Support at PNRI / Ms. Michelle B. Arispe, DOST-PNRI;						
	DOSTv: Science for the People / Ms. Gel Miranda, DOST-STII;						
Total	18 webinars	1,765	6,601	8,366	97.76%	96.80%	95.74%





¹Number of participants from November 8-10. ²Average Satisfaction Rating for all Webinars conducted per day.



TITLE OF WEBINAR	DATE CONDUCTED	NO. OF PARTICIPANTS	RATING
STARBOOKS Walkthrough with T. Paez Integrated School	10 December 2021, 9:00AM		
4th STARBOOKS Deployment Officers Virtual Meeting	09 Dec 2021, 10:00AM		
aunching of STARBOOKS Whiz App	22 July 2021, 10:00AM	Livestream via FB Page	
STARBOOKS@10 'To! Appreciation Day	24 June 2021, 10:00AM	Livestream via FB Page	
Advancing Knowledge in Evaluating Credible Sources	01 June 2021	874	99.15%
#ScienceJournoAko: Communicating the Impact of STARBOOKS through Social Media (Webinar for STARBOOKS Deployment Officers)	27 May 2021, 10:00 AM-3:00 PM	103	97.50%
Brd STARBOOKS Deployment Officers' /irtual Meeting	23 March 2021, 10:00 AM	61	97.50%
Technical Training on STARBOOKS nstallation, Configuration, and Troubleshooting for DOST-XI Deployment Officers	24 February 2021, 1:00 PM	14	91.76%

Nurturing Partnerships

Despite the limited face-to-face communication, IRAD successfully made a pact with public and private institutions to promote science, technology, and innovation (STI) literacy by providing additional STI resources and technical support.

In 2021, the DOST-STII Library Services partnered with the Association of Science and Mathematics Educators of Philippine Private Schools (ASMEPPS) for conducting DOST-STII OLLP to ASMEPPS member institutions for School Year 2022-2023 and Philippine Librarians Association, Inc. (PLAI) for the application of Continuing Professional Development (CPD) points to Library and Information Services (LIS) Month webinars, while STARBOOKS partnered with Philippine Science High School (PSHS), Siliman University, and Asia Pacific College for content development, and Quipper Philippines for STARBOOKS deployment.













MOA signing between DOST-STII and Association of Science and Mathematics Educators of Philippine Private Schools



MOA signing between DOST-STII and Philippine Librarians Association, Inc.



MOA signing between DOST-STII and Asia Pacific College



MOA signing between DOST-STII and Siliman University



MOA signing between DOST-STII and Philippine Science High School.



MOA signing between DOST-STII and Quipper Philippines







ALAN C. TAULEChief Science Research Specialist











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Promotion Services

This year, the Communication Resources and Production Division (CRPD) ramped up its science and technology (S&T) communication efforts by means of social media posts and press releases under the banner of four publicity campaigns:

- DOST's 63rd anniversary commemoration in June,
- "Big 21 in 2021" launch in September,
- 6th National Research & Development Conference in November, and
- Rizal the Filipino Scientist on the occasion of the national hero's 125th year of martyrdom in December.

In effect, the number of **social media posts** soared by 386% from only 951 in 2020 to 4,621 this year. More than 24.4 million new social media users were reached this year—pushing the count to 30,053,325 compared to only 5,626,417 in 2020. This year's batch of posts generated 50,434,344 engagements—a surge of over 43 million against 7,364,781 in 2020. These posts were published in the official social media accounts managed by CRPD:

- DOST-Science and Technology Information Institute (Facebook and Twitter),
- DOST-Philippines (Facebook, Instagram, and Twitter),
- Science Journo Ako (Facebook),
- Philippine Journal of Science (PJS; Facebook), and
- National Science and Technology Week (NSTW; Facebook).

/#ScienceJournoAko



The Science Journo Ako webinar for science communicators and scientists was held during the 2021 NSTW.











The three most popular posts published on Facebook this year were as follows:

- "Bacteria from Mt. Mayon soils found with potential antibiotic, anticancer properties" posted in August with 2,934,524 users reached plus 275,383 engagements generated;
- "DOST public advisory: Taal Volcano hazard maps and prone barangays" posted in July with 1,468,241 users reached plus 137,941 engagements generated; and
- "The world gets to enjoy mangoes all year round—thanks to this Filipino scientist" posted in October with 919,350 users reached plus 129,094 engagements generated.

Science Journo **Ako** reached 25.20% of its online viewers to attract a total of 586 participants this year in the following virtual sessions:

- "Tips and Tricks in Publishing a Research Paper" conducted in May involving 297 participants,
- "Ano Kwentong Siyensya Mo? Basics of Creating Compelling Science Stories" conducted in May involving 46 participants,
- "Communicating the Impact of STARBOOKS through Social Media" conducted in May involving 103 participants,
- "Creating Visually Captivating Research Content For Social Media" conducted in August involving 71 participants, and
- "Be Social and Get Noticed! Converting Scientists into Media Magnets" conducted in November involving 69 participants.

A special webinar titled "PJS@115: Keeping Socially Relevant Research in Style" was conducted in November in celebration of PJS's 115th year anniversary and served as one of the events during the 2021 NSTW celebration.

/ DOST Digest and Balitang
RapiDOST (e-newsletter)Produced 15 issues* for DOST
Digest & 7 issues** for
Balitang RapiDOST (latest is
December 2021 issue)



*produced twice a month
**produced once a month









Director Richard P. Burgos (left) joins the stage with Allyster A. Endozo during the awarding ceremonies of the 43rd Catholic Mass Media Awards.

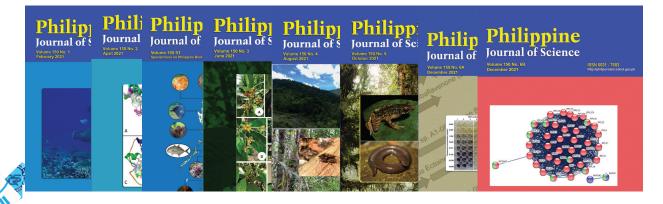
The 43rd CMMA awarded the Best Special Feature to..."Fides in Scientia: Faithfully Serving the Nation through Science" by Allyster A. Endozo, DOST-STII | S&T Post.

Overall, 183 **press and photo releases** plus articles were prepared for external dissemination and internal publication. The S&T Post, four issues published doubled from two in 2020. A total of 12 issues each of the newsletters, DOST Digest and *Balitang* RapiDOST, were published in print format this year, compared to 11 in 2020. To maximize the reach of the publications, DOST Digest and Balitang RapiDOST were also published digitally as e-newsletters with the number of issues published online totaling 15 and seven, respectively.

The S&T Post won the top honors for the article titled "Fides in Scientia: Faithfully Serving the Nation through Science" written by Allyster A. Endozo at the 43rd Catholic Mass Media Awards, which was aired on CNN Philippines in December. The article, which was published in the magazine's first quarter issue, bested six finalists out of 17 entries in the Best Special Feature Category—a first in the 39-year history of the magazine.

From 128 in 2020, the number of **peer-reviewed articles published in PJS** went up by 83% to 234 this year. This was despite a slight dip in the number of manuscripts received at 336 this year from 345 in 2020. The average review duration remained below the 90-day mark at 81.73 days this year, as with 75.99 days in 2020.

To accommodate the sustained pile-up in manuscripts received and articles published, the number of issues published increased as well from six in 2020 to seven this year:









- Vol. 150 No. 1 (February 2021 Issue),
- Vol. 150 No. 2 (April 2021 Issue),
- Vol. 150 No. S1 (Special Issue on Philippine Biodiversity Conservation),
- Vol. 150 No. 3 (June 2021 Issue),
- Vol. 150 No. 4 (August 2021 Issue),
- Vol. 150 No. 5 (October 2021 Issue), and
- Vol. 150 Nos. 6A and B (December 2021 Issue Parts A and B).

National Science and Technology Week

The number of social media posts published in the official Facebook account for the National Science and Technology Week (NSTW) more than quadrupled this year at 509 compared to only 123 in 2020. These posts reached 32% more users this year at 1,567,998 versus 1,189,049 in 2020. Engagements, meanwhile, enjoyed a 233% boom from only 1,316,344 in 2020 to 4,387,357 this year.





Webinars did not fare well this year with decreases in both reach (down 59% to 134,043) and engagements (down 91% to 31,740). However, this year posted considerable digital presence with **Podcasters** that logged a total of 202 episode plays, as well as in the NSTW website with 14,698 views.

Despite a 58% drop in the number of views for **TikTok** content published by influencers to 414,538 this year, the number of engagements increased by 289% to 424,882 from only 109,133 in 2020. Contents bearing the official hashtags attracted a sizeable number of views: 3.5 million for #ScienceforthePeople; 568,500 for #2021NSTW; and 557,000 for #DOSTTugonSaHamon.























Target: 96 episodes per semester or 192 per year Percent increase of 58.85%







From only four in 2020, the number of **DOSTv special episodes** aired this year went up to six: four for DOST Report and two for ExperTalk Online.

A 250% spike in the number of videos uploaded to the **DOST mobile app** was seen this year: from only six in 2020 to 21 this year.

Compared to only 31 in 2020, the number of **photo and press releases** prepared for external dissemination and internal publication climbed by 164% to 82 this year—all of which were uploaded to the NSTW website (versus only 20 in 2020) and the DOST mobile app (versus only 25 in 2020).

Media Engagements

A 264% jump in the number of **pressers, radio and television interviews, plus other media engagements** was recorded: from only 121 in 2020 to 440 this year. Except for a 13% decline *via* television (from 2,803 to 2,436), S&T news dissemination this year, relative to 2020, broadened across various media platforms: 180% *via* online (from 9,773 to 27,323), 47% *via* radio (from 1,931 to 2,838), and 42% *via* print (from 3,174 to 4,521). As a result, S&T news generated substantial P12.68 billion in PR value and P9.42 billion in Ad value way above the target of P6 billion for the year.

The three most popular news articles published this year were as follows:

"5 research projects receive PH-UK grant for sustainable mineral exploration" with six media pick-ups generating PHP 21.12 million in media value,



















- "'S-Pass' launched by DOST to help Filipinos navigate through differing LGU travel requirements" with 50 media pick-ups generating PHP 14.1 million in media value, and
- "DOST: Janssen to start vaccine clinical trials in PH this week" with 50 media pick-ups generating PHP 13.6 million in media value.

Among those representing the **DOST as spokespersons**, Secretary Fortunato T. de la Peña still commanded the limelight with a share in media exposure at 66% this year, although this represented a decline by 10 percentage points from 76% in 2020. On the other hand, publicity for Undersecretary Rowena Cristina L. Guevara and Undersecretary Renato U. Solidum Jr. were bolstered by eight percentage points (from 12% to 20%) and one percentage point (from 12% to 13%), respectively.

A 25% drop was noted, however, in the use of the #ScienceForThePeople hashtag: from 6,000 in 2020 to 4,520 this year.

Two events involving engagement with media practitioners were conducted this year:

- "Enhancing GAD Awareness among DOST-STII's External Promotion Partners (National Media)" in October featuring Dr. Mary Barby P. Badayos-Jover and
- "DOSTv Year-end Assessment and Thanksgiving Activity with Media Partners" in December.









DOSTv: Science for the People

Online users continue flocking over to DOSTv for S&T news, as visits to its official Facebook page climbed by more than 119.1 million from 135,912,987 in 2020 to 255,039,277 this year.

From 330 in 2020, the number of DOSTv episodes aired rose by 12% to 357 this year. These episodes reached out to more viewers, by nearly 2.78 million higher overall (8,406,055 this year from 5,626,417 in 2020) and over by 33.45 million organically (76,250,429 this year from 42,797,496 in 2020). Moreover, these episodes attracted about 1.48 million more views at 3,055,856 this year compared to 1,578,561 in 2020.

The **DOST Report**, a carrier program of the DOSTv, enjoyed nearly 1.57 million hike in the number of viewers reached from 1,057,799 in 2020 to 2,625,277 this year—thanks to a 54% boost in the number of episodes aired from 35 in 2020 to 54 this year. These episodes generated 160% higher views with 593,323 this year versus 228,091 in 2020, which translated to 55% higher engagements with 149,757 this year versus 96,626 in 2020.

ExperTalk Online—a special DOSTv program giving prominence to our Filipino scientists, researchers, engineers, and innovators—recorded a 44% increase in the number of episodes aired from 36 in 2020 to 52 this year. The program reached 12,722 more viewers with 531,286 this year compared to 518,564 in 2020. Even though the episodes generated 53% fewer engagements with 18,973 this year, they attracted 61% more views from 122,833 in 2020 to 197,580 this year.



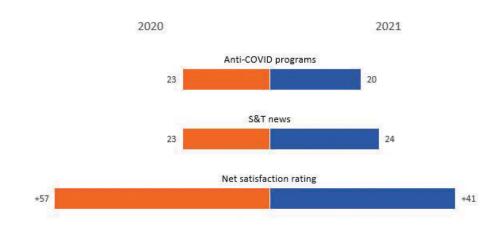








Anti-COVID Programs, S&T News, and Net Satisfaction Rating



S&T Awareness

The Social Weather Station year-end survey involving a combined 1,440 Filipino adults based in Metro Manila, Luzon, Visayas, and Mindanao reflected the level of public awareness on S&T at 24.5%, a slight increase of one and a half percentage point from 23% in 2020.

The top DOST programs on research and development (R&D) this year were as follows:

- Grants-in-Aid programs under the Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development with 13%,
- · Business Innovation through S&T for Industry program with 11%, and
- Grants-in-Aid programs under the Philippine Council for Industry, Energy, and Emerging Technology Research and Development with 7%.

The top DOST programs on household, community, and livelihood this year were as follows:

- Advanced Device and Materials Testing Laboratory under the Industrial Technology Development Institute with 10%,
- · Community Empowerment thru S&T program with 7%,
- Small Enterprise Technology Upgrading Program with 4%, and
- Enhanced Nutribun developed by the Food and Nutrition Research Institute with 3%.

Compared to 23% in 2020, the level of public awareness on DOST programs against COVID-19 dropped by three percentage points to 20% this year. These include technologies such as the bamboo face shield and the re-wearable face mask, as well as research initiatives on virgin coconut oil, *tawa-tawa*, *lagundi*, and mix-and-match vaccines.

Awareness on S&T news jumped a notch higher to 24% in 2021 compared to 23% last year.

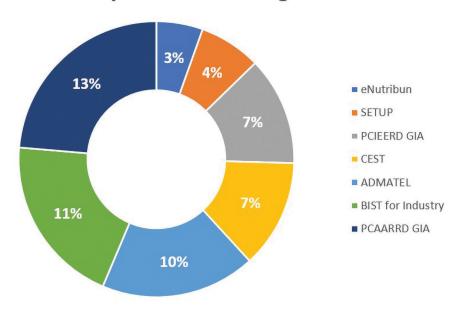
From +57 in 2020, the net satisfaction rating of DOST slid by 16 percentage points to +41 this year but still considered as a good performance rating.







Top DOST R&D Programs



AV Services

The number of requests formally received audio-visual services fell by half from 311 in 2020 to 153 this year—an expected scenario given the continued presence of the pandemic and limitation in face-to-face engagements. Among those requested were 42 photo coverages; 38 video coverages; 52 video edits; 10 video shoots; 10 AV technical setups; and one AV production in script-to-screen, pre- and post-production, or slideshow presentation form.

Impressively, however, the number of AV services actually delivered this year was 361—an 11% rise from 325 in 2020. This was way above the 153 requests formally received this year, thus placing the overall accomplishment rate at around 136%. The breakdown of the overall total of 361 was as follows: 45 photo coverages; 54 video coverages; 246 video edits; 15 AV technical setups; and one AV production in script-to-screen, pre- and post-production, or slideshow presentation form.

There were 66 feedback forms retrieved from clients out of 87 provided to them this year, all AV services delivered were rated the maximum score of "5" or "outstanding."

Partnerships and Collaborations

This year, the DOST-STII forged partnerships with six private and public sector stakeholders, namely: Hyundai Asia Resources Inc. (HARI), Bizooku Philippines, The Manila Times, Centro Escolar University (CEU), Batangas State University (BatStateU), and the Association of Science and Mathematics Educators of Philippine Private Schools (ASMEPPS).

HARI donated two units of Grand Starex vans for use by the DOSTv as official service vehicles during on-location video shoots.













The Department of Science and Technology-Science and Technology Information Institute (DOST-STII) received two Grand Starex 2.5 CRDi GLS 5AT from Hyundai Asia Resources, Inc. as donations to be used for the operations of the institute's official broadcast channel, DOSTv.



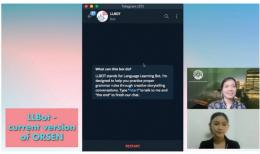
DOST-STII and BatStateU Virtual MOU Signing Ceremony on Science Communication and S&T Promotion Partnership

19 August 2021 **zoom**



 ${\tt DOST}$ Philippines App developed by Bizooku to enhance S&T promotion.





Centrong Agtek, a broadcast program conceptualized with Centro Escolar University as an initiative under the Science Journo Ako advocacy.







Bizooku Philippines developed the DOST Philippines mobile app as a one-stop-shop hub for relevant and up-to-date content on key vital services, knowledge products, news, and important events of the country's S&T department and information on what is going on in the Filipino S&T community.

The Manila Times, with a shared commitment in advocating S&T, provided the agency with an avenue to promote DOST events and DOST-STII's TV and online programs, press releases, and public service announcements.

Through separate agreements, CEU and BatStateU both agreed to strengthen S&T capacity building and information dissemination through various media platforms in line with the shared vision of creating a dynamic S&T ecosystem in the Philippines.

CEU's contributions already bore fruit with the airing of three episodes of Centrong *AgTek* (*Agham at Teknolohiya*), providing communication students the opportunity to practice what they learned in the classrooms and, at the same time, promote science, technology and innovation to the youth.

- "What's the Coolest Nut for COVID-19?" aired in May,
- "Usapang Space: the Maya-2 Cube Satellite" aired in July, and
- "Artificial Intelligence sa Pinas? Mayroon Na Ba?" Part 1 and Part 2 aired in October and December.

Special Projects

The DOST-STII was also engaged in various publicity and promotional projects to highlight some of the DOST programs, services, and technologies that can further drive the transfer of knowledge and create value-added services and benefit, not just to the economy but also, to the lives of each and every Filipino.

Some of the special projects that DOST-STII was part of were the following:

#Maghanda

On a different note, DOST-STII started collaborating with the Philippine Atmospheric, Geophysical and Astronomical Services Administration (DOST-PAGASA) and the Philippine Institute of Volcanology and Seismoloy (DOST-PHIVOLCS) for the Meteorological And Geological Hazard Advisories, Warning and Notifications for Decisive Action project or simply #MAGHANDA.

This IEC project was conceptualized with the two agencies to provide an avenue to re-educate disaster managers and officials of local government units with the warning messages and hazard information to strengthen disaster communication and response. Amid volatile weather conditions and climate change, #MAGHANDA is also envisioned to capacitate communities on recent innovations on disaster risk reduction and management from DOST-PAGASA and DOST-PHIVOLCS. The collaboration was operationalized in early 2021 and is still on going.







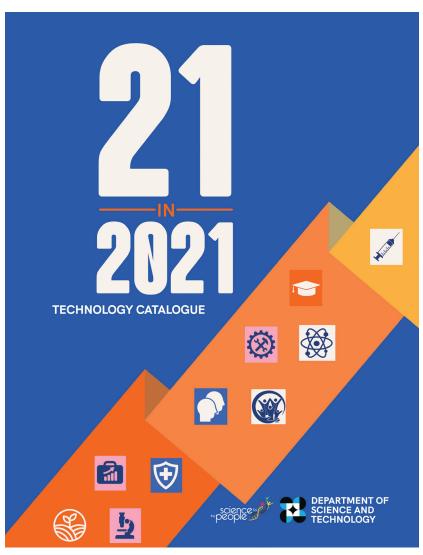




Big 21 In 2021

The sequel to the Big 20 in 2020 catalogue of big-ticket research and development initiatives is another compilation, this time of 21 technologies, research and development projects, and flagship programs of the DOST that are implemented by the various DOST agencies and regional offices together with other public and private institutions that highlights the institutional partnerships between DOST and the academe.

DOST-STII led in conceptualizing and developing the online and printed versions of the Big 21 catalogue. Apart from the catalogue, the Institute implemented a multi-platform publicity campaign that communicated the socioeconomic benefits of the R&D initiatives.



The Big 21 in 2021 Technology Catalogue contains 21 DOST supported technologies, R&D projects, and COVID-19 response initiatives.









Secretary de la Peña in a media interview during the lauch of the Rizal, the Filipino Scientist 3D printed monument.

Rizal The Filipino Scientist

On its 125th martyrdom of Dr. Jose P. Rizal, the DOST Office of the Undersecretary for Research and Development, through the Metals Industry Research and Development Center, created a 125-ft Rizal monument revealing the little-known facet of the national hero's identity as a prolific scientist, naturalist, innovator, ophthalmologist, educator, and engineer.

The National Research Council of the Philippines on the other hand, in cooperation with the Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development, Philippine Council for Industry, Energy and Emerging Technology Research and Development, Philippine Council for Health Research and Development, and the National Historical Commission of the Philippines, conducted two webinars in 2021 together with the unveiling of the biggest 3D-printed Rizal the Filipino Scientist monument- the biggest 3D-printed statue in the country today.

The DOST-STII conducted promotion and publicity campaign, which produced seven press releases, with 70 media pickups amounting to P11,640,526.80 in ad value, 55 social media posts with 551,808 reach, and 551,161 impressions.













NORLY B. VILLAR

Chief Science Research Specialist

COMMUNICATION RESOURCES AND PRODUCTION DIVISION

Bryan Ray I. Torres

Printing Machine Operator II

Jerossa J. Dizon

Science Research Analyst

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Information Officer III

Allyster A. Endozo

Information Officer III

Jachin Jane O. Aberilla

Information Officer III

Jasmin Joyce P. Sevilla

Science Research Specialist I

David Matthew C. Gopilan

Information Officer II

Lanquin Seyer R. Gacusan

Information Officer I

Rizal Project

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Information Officer II

Mark Lavien R. Inocencio

Information Officer I

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Audio Visual Aids Technician IV







Gerardo C. de Jesus

Science Research Specialist II

Gerardo G. Palad

Photographer II

Teddy R. Amante

Audio Visual Aids Technician III

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Information Officer III

Karl Raven A. Ramon

Information Officer II

Resty R. Balila

Information Officer II

Carmela P. Aguisanda

Information Officer I

Xyrus Ivan B. de Gracia

Information Officer I

Lady Diane Alvarez Bustamante

Science Research Analyst

Mark Anton Baradas Sangalang

Science Research Analyst

Michael Joe Limpin Gerona

Administrative Assistant II

NSTW

Murvi S. Cua

Information Officer II

Rachel R. Perez

Information Officer II

Ryan S. Soyosa

Information Officer II













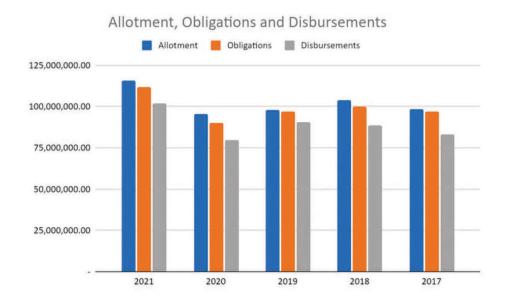








OST-STII has maintained an exceptional financial performance in 2021. Compared with past years, this year marked higher disbursement rate. As of December 2021, the **Obligation Budget Utilization Rate**, which is the percentage of obligations over total allotment, is 97% percent (P111,966,753.39/P115,877,118.44); while **Disbursement Budget Utilization Rate**, which is the percentage of disbursement over obligations, is 91% percent (P102,031,084.12/P111,966,753.39). The difference is due to the Accounts Payable amounting to P9.9M which is mainly from the unpaid Advertising Expenses of P3.96M (LED Wall Advertisements), Other Professional Services of P1.4M (Media Monitoring Services and DOST S&T Awareness Survey), Other Subscription Expenses of P1M, Repairs and Maintenance Building of P1M, RM-Infra Assets - Communication Networks (Local Area Network Rewiring) of P621k, Other MOOE items P1.919M. These items were not settled by the end of the year due to insufficient Notice of Cash Allocation (NCA) and/or delayed delivery due to Covid-19 restrictions and other reasons beyond the control of the Institute.



ISO 9001:2015 Recertification

Another gain under the Quality Management System (QMS) of DOST-STII is its re-certification under ISO 9001:2015.

The agency has successfully passed the rigid external audit conducted by the DQS Certification Philippines, Inc. on 15 November 2021 with **zero noncompliance and five out of six best practices** attributed to the division such as 1) FAD HR - clearly defined organizational competency requirements and training analysis for its workforce; 2) FAD HR - Organizations improvements (Development of Leadership Program for DOST-STII, Revision/enhancement of DOST-STII Merit Selection Plan, Crafting of OSH Policies); 3) FAD Processing of Payment - well established system of inputs and outputs for its accounting, budget and cashier processes that demonstrates identification & traceability of the payment process; 4) FAD Processing of Payment - the process of payment of suppliers from its inception to final payment has been





63





well monitored, evaluated and analyzed to eliminate any gaps in the processing of payments to its suppliers; and 5) Provision of Service in the Publication of Philippine Journal of Science – the section was able to provide several very good analysis and monitoring of their processes that would enable them to easily identify areas for improvement and enhance customer satisfaction. Aside from the hard work of the DOST-STII QMS Team, the continuous capacity building of internal auditors and process owners also supported this re-certification.

DOST-STII was first certified in 2018 and passed the required annual surveillance audit for three consecutive years.

Baseline Assessment of Internal Control System

On 27 July 2021, DOST-Internal Audit Services (DOST-IAS) conducted the Baseline Assessment of Internal Control System (BAICS) of the DOST-STII pursuant to Sec. de la Pena's directive to conduct baseline assessment of various Scientific and Technical Services (STS) Institutes, Collegial and Advisory Bodies, and Sectoral Planning Councils this CY 2021. This activity aims to determine the priority audit areas and serves as guide in planning the scope of the internal audit to be conducted and will serve as a good reference for top management in the oversight of DOST Agencies.

The simultaneous interview with DOST-STII's top management and process owners focused on the Internal Control Checklist Tool which is categorized into five (5) major topics – Control Environment, Risk Assessment, Control Activities, Information and Communication, and Monitoring. As a result, DOST-STII garnered the highest rating among the various DOST Agencies that the DOST-IAS assessed so far (about 25 agencies to date in terms of the five internal control components) with several best practices identified.











According to DOST-IAS Director Ms. Maria Teresa B. de Guzman, DOST-STII was able to leverage its strength in communication in setting a strong tone at the top and effectively cascaded this to the entire organization. The senior leaders led by Director Richard P. Burgos were able to create an environment for the achievement of the mandate, vision and mission, performance and organizational learning.

Compliance to COA's Audit Recommendation

Pursuant to the Performance Based Bonus Guidelines, to improve the agency's internal control processes, enhance operational effectiveness, and eliminate, resolve and remedy most, if not all, of the agency audit findings, the agency should fully implement 30% of the prior years' audit recommendations as shown in the Report on Status of Implementation of Prior Years' Recommendations. These recommendations will exclude the Property, Plant, and Equipment (PPE)-related items of the Annual Audit Report (AAR). As of December 31, 2021, DOST-STII was able to fully implement **nine out of 14 or 64%** non-PPE related Audit Recommendations of the Commission on Audit.

DOST-STII Spearheads the HRDP-Funded Training on Full Cycle Learning and Development

Among the first of DOST-STII this year was the hosting of Training on Full Cycle Learning and Development (L&D) from 26 October to 17 December 2021. This was attended by 47 employees from different DOST offices and attached agencies who were either division chief, HR officer, or training staff.

The training, which was initiated by the FAD-Human Resource Section, covered topics such as the Training Needs Analysis, Training Design and Curation, Facilitation Skills, Managing the Training and Development Function, and Four Level Training Evaluation Course.

Essentially, this program was pursued to enhance the knowledge, attitude and skills of the L&D practitioners for better execution of their duties and responsibilities; establish a uniform L&D system among all DOST Agencies based on DOST and CSC standards; and enable the trainers to develop DOST training at par with international quality. People Dynamics Inc., a consultancy firm under Profiles Asia, was contracted to facilitate the learning.

During the graduation rites held on 20 December 2021, Undersecretary for Scientific and Technical Services Dr. Renato U. Solidum Jr. acknowledged DOST-STII for leading this training. He encouraged the participants to use their learnings to bring about positive changes and lasting impact to DOST. He also urged them to influence their leaders to further appreciate L&D in the workplace.







Shaping the Future of STII Leadership

They say that people are not born leaders, but anyone can become one. However, it takes a lot of preparation for a person to become one. Organizations expect leaders to have a high level of competencies since they are required to assume different roles in case of unexpected challenges in handling operations or staff. This is where the importance of VUCA (Volatility, Uncertainty, Complexity and Ambiguity) leadership is highlighted. Organizations, like DOST-STII, are now recognizing the value of VUCA leadership and including it to their leadership programs, especially in this time of pandemic.

With the varying challenges, the DOST-STII believes in the importance of grooming its leaders in making the agency's vision into reality. Hence, a customized **Advanced Leadership Development Program (ALDP)** was developed that is aligned with the agency's leadership and organizational competencies with VUCA leadership blend.

After a series of assessments, the training-workshop was finally rolled-out from 29 November to 02 December 2021 with 15 participants holding either managerial and supervisory roles in attendance. The ALDP was facilitated by Dr. Mary Margaret Que (Days 1 and 4) and Mr. Denver Bingski Daradar (Days 2 and 3) of ExeQ Consulting Service.

Overall, the program received a **near perfect rating of 4.91 over 5**. The participants expressed gratitude and satisfaction for learning old and new insights on modern-day leadership which they considered relevant and helpful in their current job roles.











Learning and Flying High

Learning does not stop for DOST-STII amidst the health crisis. The desire to learn and re-learn more became greater as employees discovered new ways of acquiring knowledge, building skills, and developing essential workplace behaviors.

For 2021, in-house training programs were conducted in partnership with the divisions-incharge. This initiative was one of the innovations in the **Learning and Development (L&D) Program**. The DOST-STII Human Resource Development Committee assigned a division who will lead the conduct of in-house training that is related to their core functions. On the other hand, FAD-Human Resource Team monitored and prepared administrative requirements, including evaluation reports.

Below is the summary of DOST-STII Annual L&D Program:

Summary of Learning and Development Program Activities				
Title	Date Conducted	Organized by		
Providing Access to Content in A Changing Environment	22 September 2021	IRAD		
Repurpose and Repackage your Content to Achieve Maximum Results	28 October 2021	IRAD		
ScienceJournoAko: Be Social and Get Noticed! Converting Scientists into Media Magnets	18 November 2021	CRPD		
Orientation on Basic Research and Project Management Basics and Log Frame	30 September 2021 and 09 November 2021	CRPD		
Strengthening the Mentoring and Coaching Program in DOST-STII	20 September 2021	FAD		
Innovation Through Design Thinking	11 November 2021	FAD		
Office Productivity	3-5 August 2021	MISPS		
Big Data Processing Using MS Excel	25-26 May 2021	MISPS		

Keeping the Workspace Safe and the Workforce Healthy

A year that was with COVID-19

The year 2021 has been a time of colossal effort to combat COVID-19. Instead of a downward trend, there was an alarmingly higher record of infection and deaths this year than in 2020. At DOST-STII, the first COVID-19 confirmed case was recorded in March. The number of cases continued to add up until it reached 21. Employees were closely monitored by FAD-Human Resource Section and assistance was provided while constantly reminding the rest of the personnel to observe the safety and health protocols to prevent further transmission in the workplace.







Countries searched for answers and developed solutions as it tried to win over the virus. Vaccines and other possible treatments were rolled out. It was fortunate that the DOST-STII was able to negotiate with the Local Government of Taguig to include its employees in its COVID-19 vaccination program. By the end of the year, **100% or 101** employees were vaccinated.

DOST-STII also distributed COVID-19 Prevention Kits that contain 10 packs (100 capsules) of Vitamin C with Zinc, a bottle of alcohol spray, and three boxes of surgical masks to each employee.

Further, there were several COVID-19 prevention supplies and equipment procured through the FAD-General Services and Procurement Section:

	Several COVID-19 prevention supplies and equipment procured through the FAD-General Services and Procurement Section				
No.	Qty	Unit	Descriptions	Delivery date	
1	12	units	Air Purifier AP-02 with UVC Light	December 10, 2021	
2	4	units	Industrial UV Light Germicidal Sterilizer Trolley	January 6, 2022	
3	7	units	UVC Sterilizer Sanitation Box	December 10, 2021	
4	35	pieces	Digital Thermometer	December 10, 2021	
8	20	boxes	Glomed Nitrile Examination Gloves, 100's/box	December 10, 2021	
9	2	pieces	Pulse oximeter	December 10, 2021	
10	20	pieces	General Waste Bin, 25L, Red, pedal type	January 6, 2022	
11	60	pieces	Overall PPE, disposable	December 22, 2021	
12	4	packs	Garbage bag, vellow, Large	December 22, 2021	

More OSH initiatives

Policies

The DOST-STII, through the Occupational Safety and Health (OSH) Committee, crafted six basic policies for Hepatitis B, HIV – AIDS, Mental Health, Tuberculosis, Drug-Free Workplace, and COVID-19 Prevention and Control. These policies aimed for a safer workspace and a healthier workforce. Agency-wide orientation was held on 18 and 20 of October.

Aerobic-Zumba Fitness Program

The DOST-STII Aerobic-Zumba Fitness Program for employees was launched on 06 September 2021 in partnership with **I Love Aero - Taguig** founded by Councilor Gigi Valenzuela de Mesa of the Local Government of Taguig. The purpose of this activity was to promote a healthy lifestyle through physical activity. This was held twice weekly, every Tuesday and Thursday, via virtual platform. The activity concluded on 09 December 2021.













Biggest Loser Challenge

The Biggest Loser Challenge that ran for three months was joined by 15 participants from different divisions, 11 females and four males. The challenge was designed to help the participants lose weight, improve exercise, observe nutritional habits, and embrace lifestyle change. Ms. Arlene C. Celestino, Printing Machine Operator II from the Communication Resources and Production Division, was hailed as the Biggest Loser for 2021 for shedding off 6.38 lbs. from 06 September to 06 December 2021.

She was rewarded with P 3,000.00 during the Year-End Thanksgiving on 23 December 2021.

Hail To the Exemplars!

Rewards and recognition are part of a powerful program that creates a culture of excellence in the organization. It encourages employees to hit the highest performance rating with very satisfactory at the minimum. It is one of the management's tools to elicit productivity, innovation, and best behavior in the workplace.

DOST-STII has been using this program since 2017. Last 24 June 2021, it recognized the employees who demonstrated stellar performance in 2020 during its 34th Anniversary.

Below are the awardees of the **Director's Award**, the highest award given to DOST-STII employees:

Awardees of the Director's Award.				
Category	Awardee			
Outstanding Senior Technical Staff	Lynderlitte M. Maglaque Supervising Science Research Specialist Library Section, IRAD			
Outstanding Junior Technical Staff	Lloyd Frederick R. Mandapat Science Research Specialist II OD-MISPS			
Outstanding Administrative Staff	Jaqueline C. Ballesteros Administrative Officer V Budget Section, FAD			







Early Procurement Activities For FY 2022

The DOST-STII has successfully concluded the Early Procurement Activities (EPA) for at least 82% of the value of eligible Procurement Projects based on the agency's Indicative Annual Procurement Plan/s consistent with the National Expenditure Plan for Fiscal Year 2022 in the following amounts:

Earely procurement activities for FY 2022.		
Project Title	ABC	Awarded Contract
One (1) Lot Printing of DOST-STII Publications for FY 2022	1,490,000.00	1,366,400.00
Media Monitoring Services for FY 2022	1,100,000.00	
Commissioning of Conduct of DOST S&T Awareness Survey for FY 2022	1,000,000.00	1,000,000.00
Procurement of One (1) Unit Motor Vehicle (Passenger Van A/T) Diesel Type	2,500,000.00	2,460,000.00
Procurement of Various E-books and Printed Library Materials	1,000,000.00	499,985.00
Procurement of Various Softwares	1,600,000.00	for posting

Disposal of Unserviceable Printing Equipment in Progress

Various unserviceable printing equipment were disposed of by DOST-STII through a public auction conducted from December 28, 2021 up to January 31, 2022.

This activity was the outcome of the leveling-off meeting and inspection of unserviceable printing equipment held on 09 December 2021. It was attended by the representative from Commission on Audit-Technical Services Office Engr. Louwee Espenido, DOST-STII resident Auditors Reina Delos Santos and Janine Bagayawa, Director Richard P. Burgos, and the members of DOST-STII - Disposal Committee.

Compliance with the Freedom of Information Act

DOST-STII remains 100% compliant with the FOI Program. FOI Reports such as Agency Information Inventory, 2021 FOI Registry, and 2021 FOI Summary Report for Quarters 1 to 4 for FY 2021 were submitted to PCOO-PMO before the prescribed deadline. The DOST-STII FOI Manual was updated on 13 December 2021 for the inclusion of the Memorandum Circular No. 89, Updating the Inventory of Exceptions to the Right to Access of Information under Executive Order No. 02, Series of 2021.











Bayanihan Within the Walls of STII

Filipinos' bayanihan culture remained strong despite the pandemic, uncertainty, and meager personal resources. This act of kindness through sharing of food packs or opening a community pantry became a good practice this year. Employees themselves took part and shared a part of their resources to help co-employees who were affected by the pandemic.

DOST-STII employees did not let the opportunity to help others pass them. Majority of them joined this endeavor and opened their own "**We Care Pantry**" on 17 and 20 May 2021 for their colleagues, maintenance personnel and security guards.

Because of the overwhelming positive feedbacks from its recipients during the first community pantry, several employees volunteered to contribute once again for its second installment, the "We Care Pantry Season 2". It was held on 16 September 2021 and this time, the pantry did not only cater to its personnel alone but to other DOST agencies maintenance personnel and security guards.

It was indeed a moment of pure happiness. All of them were filled with joy for being the beneficiaries of STII's extended kindness. But the generous donors were equally glad to have contributed, in their own little way, to make other people happy during the pandemic. As quoted by one of the recipients, "Ang STII lamang po ang may ganito".



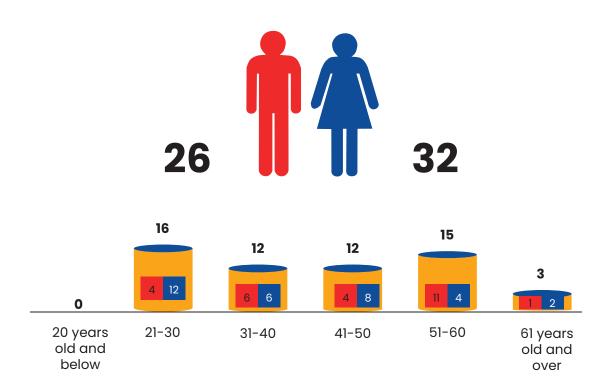




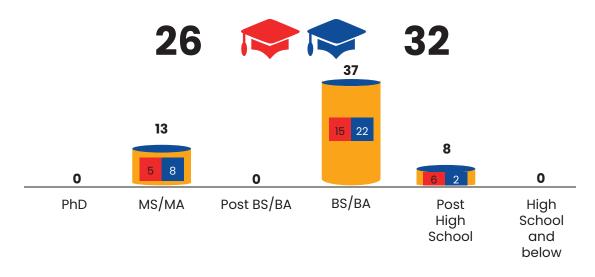


Personnel Profile

Permanent employees according to age group and sex.



Permanent employees according to educational attainment and sex.



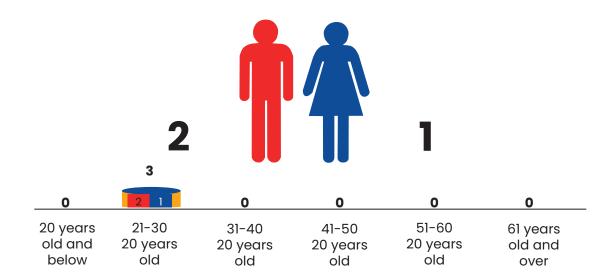




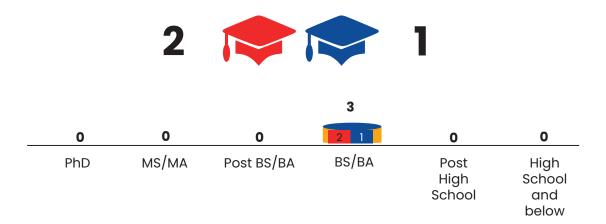




Contractual employees according to age group and sex.



Contractual employees according to educational attainment and sex.



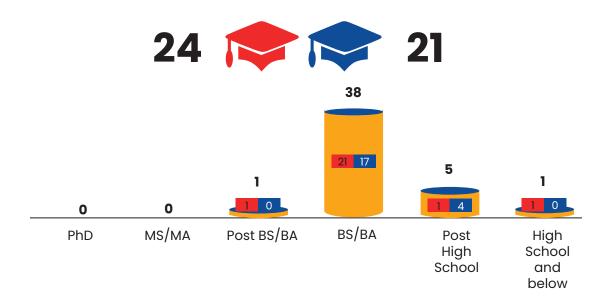






Contract of service 29 13 13 16 3 0 0 0 20 years 21-30 31-40 41-50 51-60 61 years old and 20 years 20 years old and 20 years 20 years below óld old old old over

Contract of service according to educational attainment and sex



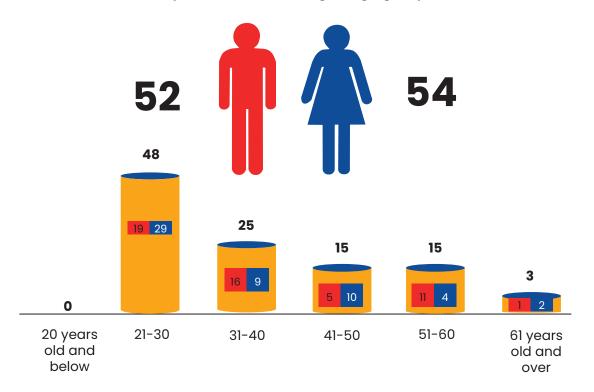




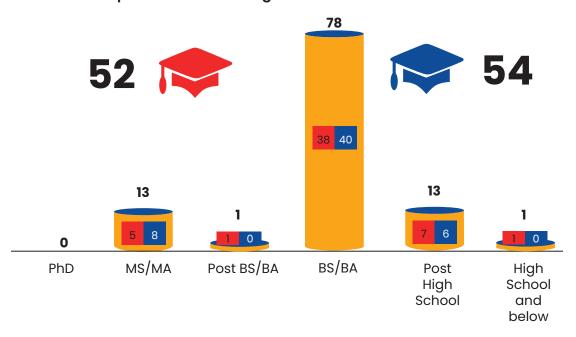




TotalDOST-STII personnel according to age group and sex.



DOST-STII personnel according to educational attainment and sex









ARLENE E. CENTENOChief Administrative Officer









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Ma. Aurora Fe L. Dayangco

Accoutant III, Section Head

Jean B. Arabes

Administrative Officer IV

Manuel F. Mendoza

Accoutant I

Wenie P. Montes

Administrative Officer II

Hannah T. Barrientos

Administrative Aide I

BUDGET SECTION

Jaqueline C. Ballesteros

Administrative Officer V

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Administrative Officer IV

Maria L. Ardieta

Administrative Aide I

CASHIER SECTION Marites B. Pablo

Administrative Officer V

Cynthia V. Corcuera

Administrative Assistant I

Hadassa F. Sengco

Clerk III

RECORDS SECTION

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Administrative Officer V

Ladisla D. Quindoyos

Administrative Assistant II

Jean Marie Errasquin

Administrative Officer I

HUMAN RESOURCE SECTION Ma. Kristine B. Reyes

Administrative Officer V

Jose Herminio D. Sandoval

Administrative Officer IV

Ma. Bernadette C. Medrano

Administrative Officer II

Precious Gayle Arielle C. **Balgua**

Administrative Officer II

Lady Shane M. Yap

Nurse I

Ryan P. Gapi

Administrative Assistant II

GENERAL SERVICES AND

PROPERTY SECTION

Jona M. Bernal Administrative Officer V

Philip S. Tumbali

Administrative Officer IV

Riza C. Francia

Administrative Officer I

Sarah Jane R. Ferriol

Clerk III

Ma. Rachel Diana S. Mesias

Administrative Aide IV

Avegail T. Canonce

Administrative Aide IV

Karene E. Ramirez

Administrative Assistant II

Gerry B. Escalera

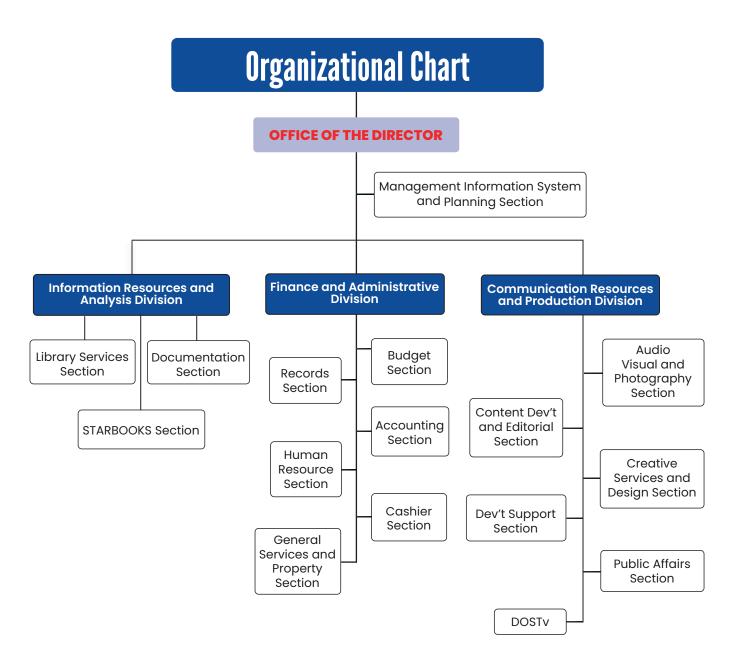
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Humprey C. Lebrilla

Administrative Assistant I

















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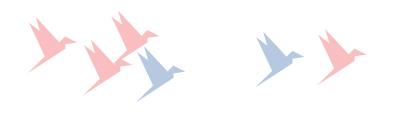
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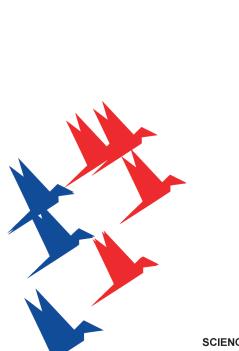


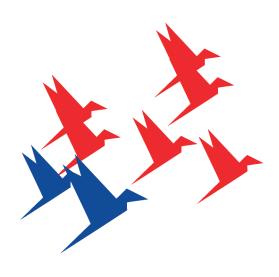














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