

# *In 3D* **DRIVEN DESPITE DISRUPTIONS**



**PERFORMANCE  
REPORT  
2022**



Department of Science and Technology  
**SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE**



Scan this QR code for the highlights of 2023 DOST-STII 35th Anniversary Celebration.



## ABOUT THE COVER

The cover concept and design of the 2022 Performance Report of the DOST-STII sets forth the theme “In 3D: Driven Despite Disruptions” which resonates with the Institute’s ability to remain steadfast, resilient, and resolute in pursuing its vision and strategic direction even in times of hardships and setbacks. The design on the cover depicts a sailboat pushing through crashing waves and moving onward. This illustrates how the men and women of the DOST-STII leverage their strengths, skills, and networks to navigate through challenging times and emerge stronger and more accomplished expressing creativity, tenacity, and unwavering commitment to carry out the Institute’s mission and spread the message that through science, technology, and innovation, we can deliver.

## ABOUT THE INSTITUTE

The Department of Science and Technology –Science and Technology Information Institute (DOST-STII), established in 1987 through Executive Order No. 128, is the information and marketing arm of the DOST. The 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.

## Mission

We provide credible and inclusive Science, Technology, and Innovation information through resource sharing and efficiency delivery systems.

We promote public awareness, understanding, and appreciation of Science, Technology, and Innovation and its role in national development.

We capacitate our key stakeholders as partners and advocates in building a Science, Technology, and Innovation culture.

## Vision

We are the lead agency in Science, Technology, and Innovation 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 socio-economic development."

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# DOST-STII

## AT A GLANCE

### Physical Accomplishment

Science and Technology Information Reference Services



**Quantity**  
Number of clients served



**Quality**  
Percentage of clients who rated the services satisfactory or better



**Content Build-up**  
S&T information materials scanned (titles/pages)

#### ACTUAL ACCOMPLISHMENT

	2021	2022
	<b>2,307,205</b>	<b>116,349*</b>
	<b>100%</b>	<b>93%*</b>
titles	<b>3,298</b>	<b>1,894</b>
pages	<b>338,629</b>	<b>255,540</b>

Science and Technology Promotion and Advocacy Services



**Quantity**  
Number of promotion services rendered

**Quality**  
Percentage of clients who rated the services satisfactory or better



**Awareness**  
Percentage of National Awareness of S&T information



DOST Net Satisfaction Rating

#### ACTUAL ACCOMPLISHMENT

	2021	2022
	<b>5,495</b>	<b>5,734</b>
	<b>100%</b>	<b>93%</b>
	<b>24.5%</b>	<b>44%</b>
	<b>40.5</b> (Very Good)	<b>55%</b> (Very Good)

Budget Utilization



Obligations incurred/Allotment received

Disbursements/Obligations incurred rate


#### ACTUAL ACCOMPLISHMENT

	2021	2022
	<b>97%</b>	<b>97.45%</b>
	<b>91%</b>	<b>88.39%</b>

\*Quantity (New baseline, SciNet report generator from Webalizer to Google Analytics)  
\*Quality (New baseline, including satisfaction rating on OLLP and Library Webinars)

# 2022 Highlights

## DOST-STII milestones, awards, and recognitions received

DOST Report	Expertalk Online	Bantay Bulkan	FB Page Visits
(for 52 episodes) Reach 3,090,513	(for 52 episodes) Reach 2,854,128	(for 4 episodes) Reach 3,033	Impressions 10,758,835
Engagement 213,303	Engagement 44,217	Engagement 5,268	Audience Reach 9,074,611
Views 1,485,716	Views 1,678,578	Views 109	
	<p><b>DOSTv 2022 Awards from Gandingan Major Award</b></p> <p>Gandingan ng Kaunlaran: Most Development-Oriented Radio/TV/Online Platform</p> <p><b>Core Awards</b></p> <ul style="list-style-type: none"> <li>Most Development-Oriented Women's Program - Expertalk Online: Centre for Sustainability PH - YouTube</li> <li>Most Development-Oriented Livelihood Program - ExperTalk Online: Made in the Philippines Products Week</li> <li>Most Development-Oriented Science and Technology Program - DOST Report Episode 48: DOST Drug Discovery in the New Normal</li> <li>Special Citation: Gandingan ng Agham at Teknolohiya - DOST Secretary Fortunato T. de la Peña</li> </ul> <p><b>General Award</b></p> <ul style="list-style-type: none"> <li>Most Development-Oriented Online Video- SINESIYENSYA: Zampen - Story about New Life</li> </ul>		
<b>6,289</b>	STARBOOKS Sites Installed (Nationwide) as of December 2022		
	<b>Number of Years Included in the NEDA National Priority Plan</b>		
<b>6</b>	STARBOOKS (2017-2022)		
<b>5</b>	DOSTv (2017, 2019-2022)		
<b>12</b>	New partnerships sealed		
<b>4</b>	STARBOOKS Mobile App		
<b>ISO 9001:2015</b>	First surveillance audit with 4 best practices		



## MESSAGE FROM **THE SECRETARY**

I congratulate the Department of Science and Technology–Science and Technology Information Institute (DOST-STII) for its impressive innovations and efforts to promote the various products and services of DOST agencies and regional offices in our fervent hope to strengthen science communication for the benefit of the people. The DOST-STII has always been at the forefront of cascading to the public better narratives on innovative products and services that the DOST System through its various platforms, resources, activities, and facilities, delivered by a highly dedicated and motivated workforce.

In 2022, I truly appreciate the efforts and commitment of DOST-STII in crafting, repackaging, and disseminating press releases and special feature stories about the significant contributions of different DOST agencies and regional offices in various platforms. From the stories about how we, the DOST as one team, provided appropriate and timely solutions to the current challenges and pursued efforts towards wealth creation, wealth protection, human well-being, and sustainability, the DOST-STII was able to weave numerous compelling social media content that eventually received relatively high number of reach, views, and engagement from our official social media platforms. For the year in review, the DOST-STII also maximized the benefits and opportunities provided by social media to expand the reach of our DOST major publications.

In retrospect, I share my appreciation to DOST-STII for its unwavering commitment to work hand-in-hand with our reliable media partners in gathering the best possible S&T



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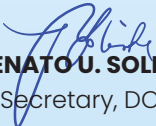
DOSTv, our award-winning S&T broadcast channel, continues to give our agencies and regional offices access to this powerful platform to share compelling stories of success and informative contents to preferred audiences.

Our first science digital library-in-a-box, STARBOOKS, and DOST-STII's Library section have been setting a standard in innovative ways of promoting our S&T learning materials to students and other stakeholders.

I congratulate, once more, the DOST-STII for its performance despite various challenges and for being able to adapt quickly in these trying times. I am confident that in the coming years, the Institute will take even bigger roles for the entire DOST and leave a significant impact on people's lives.

At the end of the day, we are aiming to make Science and Technology work for the people through the concerted efforts of the 18 Core Institutes, 16 Regional Offices, and 80 Provincial Science and Technology Offices (PSTOs).

One commitment, one goal, one agency, OneDOST4U!

  
**DR. RENATO U. SOLIDUM JR.**  
Secretary, DOST

## MESSAGE FROM THE UNDERSECRETARY


With the new administration in place, under the stewardship of Secretary Renato U. Solidum Jr., the need to communicate the high impact projects and programs, knowledge products and services, and innovations of Filipino scientists and researchers, has become an imperative. Fueled by the passion to serve, the department now carries an enabling development agenda: one Commitment, one goal, one agency, OneDOST4U!

Embracing this mantra, the Department of Science and Technology–Science and Technology Information Institute (DOST-STII) will play a vital role in cascading this message to our key stakeholders in various communication platforms.

In 2022, I give credit to the DOST-STII for providing major contributions that resulted in increased S&T awareness to 47% from the previous 24% based on the year-end survey of the Social Weather Station. Though this number may represent other contributing factors, it is evident that the Institute provided the opportunity to access numerous S&T compelling content and information through press releases, social media pages, broadcast channels, S&T publications and journals, library services, assistance to media partners, and other relevant training activities.

There are stories from DOST agencies and regional offices that have been gaining exposure and visibility nationwide through DOST-STII's effort to repackage, disseminate, and pitch them to various media partners. Aside from that, the Institute has been innovative enough to fit this compelling S&T content to different social media channels, which are



 With all these achievements, I commend the men and women of DOST-STII for their dedication to bring science, technology, and innovation (STI) closer to the people. In the succeeding years, I challenge the entire Institute to soar higher and exceed expectations toward building the STI culture that we all envision.

obviously among the top source of information for many Filipinos nowadays.

The Institute was able to expand the reach of its S&T publications through e-mail marketing, website, and other social media platforms and related strategies. Our award-winning S&T broadcast channel, the DOSTv, has been producing and delivering content to provide us with a clearer picture of how research and development (R&D) projects and science-related services could give everyone a much better life.

Noteworthy is the continuous leap of the Institute's Library Services in actively promoting the department's S&T references to various stakeholders by initiating activities, engaging with industry partners, and intensifying social media campaigns. As a result, the DOST-STII's Library Section was awarded Outstanding Special Library for the year 2022 by the Association of Special Libraries of the Philippines.

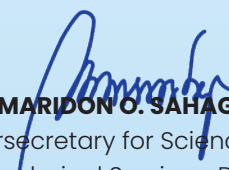
Of course, our first-ever digital science library-in-a-box in the country, STARBOOKS, has been consistently addressing the challenges and limitations of different remote areas in the country when it comes to access to S&T resources and learning materials.

Its star, indeed, brightened when it was recognized as one of the Regional Finalists for the Civil Service Commission's Lingkod Bayan Award.

Meanwhile, in my first year to lead the steering committee of the National Science and Technology Week, I truly appreciated the commitment and dedication of DOST-STII in spearheading the publicity and promotion and offering its expertise and resources to make the celebration a successful one, despite the odds.

With all these achievements, I commend the men and women of DOST-STII for their dedication to bring science, technology, and innovation (STI) closer to the people. In the succeeding years, I challenge the entire Institute to soar higher and exceed expectations toward building the STI culture that we all envision.

Congratulations!

  
**MARIDON O. SAHAGUN**  
Undersecretary for Scientific and  
Technical Services, DOST

## MESSAGE FROM THE DIRECTOR

### Pressure is privilege.

We struggled through 2022, with the COVID pandemic still inexorably in our midst, and Commission on Audit (COA) observing that we missed some of our deliverables at year-end. Understandable but inexcusable, that seems to be the final verdict. And yet we should not lose sight of the fruits of our struggle:

1. We reached 30M through social media engagement.
2. We produced media mileage worth 21B in PR and Media Value.
3. The SWS Survey of the national awareness level of science, technology and innovation information reached an all-time high of 47% (Dec 2022) up 683% from 6% when we started the survey in 2017.
4. DOST-STII topped all DOST agencies in internal control systems for financial management as assessed by the Internal Audit Service.
5. We achieved 3rd place among DOST agencies in the DOST GAD Mainstreaming Awards (June 2022).
6. We attained Level 2 in the PRIME HRM program of the CSC, among only 37 government agencies being groomed for Level 3.
7. We garnered 100% in all indicators in the BAR 1 (2022).
8. We received from the UPLB Broadcasters Society the Gandingan Awards for DOSTv 2022 (major award and core awards).



We were driven despite all the distractions. We did not win all the medals out there in the field but, what the heck, we kept right on winning!

9. STARBOOKS was a finalist for Government Best Practice Recognition of the Development Academy of the Philippines (2022).
10. The National Priority Plan 2022 of the National Economic Development Authority included STARBOOKS (7th year) and DOSTv (6th year).
11. We updated the DOST-STII Strategy Map, Mission and Vision (2022).
12. STARBOOKS was a regional winner of the CSC Presidential Lingkod Bayan Award (2022), the highest recognition category by the Civil Service Commission.
13. We paid out the Performance-Based Bonus to our employees for the unprecedented 13th consecutive year!

All this could only mean we did not drop the ball amidst all the challenges that beset us. We were driven despite all the distractions. We did not win all the medals out there in the field but, what the heck, we kept right on winning!

Not all organizations or relationships make it past their 7th anniversary (that is the origin of the euphemism of the seven-year itch). We clearly made it and we made it epic.

Let us keep the momentum and never lose sight of our objectives and dreams.

Ever onward!



**RICHARD P. BURGOS**  
Director, DOST-STII



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**The institute now leads the charge in social media with more than 30 million engagement per annum, media coverage valued at 21 billion pesos at the end of 2022.**

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It is said that “resilience” is the word of 2022, indeed, the institute was able to withstand and recover from the difficulties brought by the pandemic by being driven despite disruptions, which resonates to this year’s performance in the quarterly physical report of operation of the institute with 329% increase in the number of promotion services and advocacy activities conducted; and 63% increase in the number of

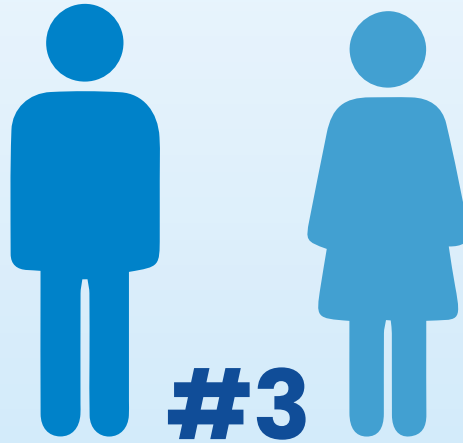
STARBOOKS sites installed this year which has been below the target for the past two years due to the pandemic.

Moreso, two major programs of the institute namely, STARBOOKS and DOSTV, are again included in the 2022 National Priority Plan of the National Economic and Development Authority garnering 13M and 7.5M worth of donations/ sponsorship, respectively. Both programs continue to win many awards and accolades here and abroad.

The institute also topped all DOST agencies in internal control systems for financial management assessed by the Internal Audit Service, ranked #3 in gender mainstreaming, attained level 2 in the PRIME HRM program of the Civil Service Commission and among the only 37 government agencies being groomed for level 3 and an outstanding financial performance metrics of 98% in obligation rate and 97% in disbursement rate for 2022.







Gender Mainstreaming



Level 2

PRIME HRM

The institute now leads the charge in social media with more than 30 million engagement per annum, media coverage valued at 21 billion pesos at the end of 2022.

The DOST Science Communication Agenda and Science Communication Framework were also formulated to guide the way forward for all the attached agencies and regional offices of the Department. We pivoted, performed and excelled during the pandemic, driven despite disruptions, always championing innovation in the face of acute resource constraints. As a result, the national awareness level about science, technology and innovation information has unbelievably grown from 6% in 2017 to 47% in 2022.



## Gender and Development

With the institutionalization of the DOST-STII Gender and Development Agenda 2021-2026 along with the endorsement of the 2022 GAD Plan and Budget, the Institute continues to uphold its commitment in mainstreaming gender and development.

Following the Gender Mainstreaming Evaluation Framework (GMEF), policies such as the GAD Mainstreaming Program, Sex Disaggregated Data Policy, Gender Fair Language Checker Tool Policy, Breastfeeding in the Workplace Policy, the Committee on Decorum and Investigation (CODI) on Sexual Harassment Cases Manual, and the creation of the GAD Language Checker

Committee were installed to ensure the permanence of gender mainstreaming.

We have capacitated 100% of our people through Gender Sensitivity Training and an Orientation on Gender-Based Sexual Harassment in the workplace. The CODI members were trained on their roles, responsibilities, and skills as an investigator of sexual harassment cases. Our clients were also introduced to GAD concepts through our Online Library Literacy Program and through a hybrid seminar as part of Library and Information Services Month. Students, as well as STARBOOKS Deployment Officers were also oriented on the use of Gender-Fair Language through seminars and training.



Continuous improvement in the SDD Database and the GAD Language Checker Tool as well as enhancements in the Gender-Neutral Restroom and the Mother and Child Care Center were also accomplished in 2022. Meanwhile, various promotional activities in support of GAD mainstreaming were also initiated in different social media pages managed by the institute. The collection of GAD-related materials in the library grew with the acquisition of seven new book titles and the repackaging of Precalculus lessons for the deaf and hearing-impaired users of STARBOOKS.

DOST-STII was also the first DOST agency to conduct the GAD Focal Point System (GFPS) Functionality Assessment Tool, a tool used to examine the performance and level of

compliance of an agency GFPS, earning a rating of 57.35 or the Established Level. Dir. Burgos was invited to share the DOST-STII's best practices in using the tool as well as the agency GAD journey at the DOST-wide GAD Assembly attended by the GFPS of all the DOST agencies.

For its 2022 efforts, DOST-STII was awarded 3<sup>rd</sup> in the Agency Category of the DOST GAD Mainstreaming Awards and has more than doubled its GAD expenditure from 8.26% in 2021 to 17.01% this 2022, which were both more than the required 5% expenditure provided in the Magna Carta of Women.





Director Richard P. Burgos delivers his opening address before the DOST-STII Employees during the movie screening of Tanabata's Wife in the observance of the 18-day Campaign to End Violence Against Women.



Movie screening of Tanabata's Wife as part of Gender and Development activity held on 05–07 December 2022.



There must be science for increasing awareness. But then again, there must as well be art and heart in this entire enterprise. Their confluence has produced results we could only dream of at the start. We believed and the miracle happened.



**RICHARD P. BURGOS**

DOST-STII Director



## OFFICE OF THE DIRECTOR

**Ma. Lotuslei P. Dimagiba**

Planning Officer III

**Jessalyn D. Alejo**

Planning Officer I

**Carlo O. Nebria**

Administrative Assistant III

**Carl Miguel A. Lusuegro**

Science Research Analyst



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**The Technical Support team has attended to a total of 772 technical support requests. The team's performance was evaluated through customer satisfaction surveys.**

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## Technical Support Services

During the reported period, the Technical Support Team attended to a total of 772 technical support requests. The team's performance was evaluated through customer satisfaction surveys where overall average rating for the service provided was 4.96 out of 5, with 747 out of 772 customers rating the service as "excellent."

These results demonstrate the team's commitment to providing high-quality technical support to our customers. The team's ability to resolve technical issues efficiently and effectively has helped maintain a high level of customer satisfaction and trust in our services.

The team's efforts have also contributed to the smooth operation and maintenance of our systems and equipment, ensuring that our workforce can continue to deliver service efficiently.



Technical Support Monitoring Sheet								
2022	Hardware	Software	Both	Livestreaming	# of Technical Support Forms	Internal	External	Average Rating
January	18	29	2	3	52	50	2	4.98
February	22	35	5	12	74	71	3	4.99
March	31	41	6	11	89	86	3	4.98
April	13	44	4	6	67	64	3	4.97
May	13	21	4	1	39	39	0	4.97
June	36	25	1	7	69	68	1	4.97
July	28	32	3	6	69	64	5	4.93
August	33	48	4	2	87	10	77	4.94
September	29	45	0	9	83	73	10	4.99
October	25	16	1	11	53	46	7	4.98
November	20	24	0	10	54	46	8	4.96
December	9	24	0	3	36	30	6	4.97
1st Sem					390			
2nd Sem					382			
FY 2022					772			





Live Streaming Support Monitoring Sheet							
2022	TOTAL	5	4	3	2	1	Average
January	3	3					5.00
February	12	12					5.00
March	11	11					5.00
April	6	6					5.00
May	1	1					5.00
June	7	7					5.00
July	6	6					5.00
August	2	2					5.00
September	9	9					5.00
October	11	11					5.00
November	10	10					5.00
December	3	3					5.00
1st Sem	40	40					5.00
2nd Sem	41	41					5.00
FY 2022	81	81					5.00

## Live Streaming Service

During the reported period, the Live Streaming Services team rendered a total of 81 services. 29 of these services were provided to external clients from DOST attached agencies, while 52 were provided to internal clients from various divisions within the organization.

The team's performance was evaluated through customer satisfaction surveys where all 81 services received an "excellent" rating, demonstrating the team's commitment to providing high-quality live streaming services.

The team's ability to efficiently and effectively set up and manage live streaming activities has helped to ensure the success of these events and contributed to the positive reputation of the organization in the area of live streaming.

Overall, the team's efforts helped to increase the reach and impact of our internal and external events, by making them available and viewable

by a wider audience through live streaming services.

## Improvement of the ICT Facility

### Server Room Rehabilitation

The project on rehabilitating the server room was successfully completed during the reported period. The previously cramped 16x8ft space has been expanded to 18x28ft, providing much-needed additional space for the organization's server equipment and operations. A storage area of 18x10ft was also added to the room, providing a dedicated space for the storage of server-related equipment and supplies.

One of the key accomplishments of this project was the improvement of the room's ceilings and wiring. Dilapidated ceilings were replaced, and new, modern wiring was installed to ensure the safe and efficient operation of the organization's servers.





Additionally, glass wall partitions were installed throughout the server room, providing visibility and better monitoring of the servers and equipment. This has greatly improved the organization's ability to quickly and effectively respond to any issues that may arise with the servers.

Overall, the rehabilitation of the server room has greatly improved the organization's ability to operate and maintain its server equipment. The additional space and improved infrastructure will help to ensure the continued safe and efficient operation of the organization's servers, and will support the organization's growth and operations in the future.

### **Local Area Network Re-wiring**

The rehabilitating the network wiring in the organization was successfully completed during the first semester. The previous network wiring, which was outdated and generally had been damaged by vermin infestation was upgraded and reconfigured to use CAT6 cables, providing better bandwidth and network speed.

One of the key purposes of this project was the tailoring of the rewiring to match the division's new office orientation and setup. This has greatly improved the organization's ability to manage the network and has helped ensure that all users have access to the necessary resources and services easily and efficiently.

The new CAT6 cables provide higher bandwidth and speed compared to the previous CAT5 cables, which will help to support the organization's growing data needs and improve overall network performance. It also allows for future-proofing, in case the organization needs to upgrade to even faster network standards in the future.

With this, the rehabilitation of the network wiring has greatly improved the organization's network infrastructure and has supported the organization's growth and operations. The new wiring will help to ensure the continued efficient and reliable operation of the organization's network, and will support the organization's growth and operations in the future.

## AV / MISPS Services for the Year 2022

Date requested	Event Date	Title
January 04, 2022	January 11, 2022	OBS Studio orientation via Zoom
January 20, 2022	January 24, 2022	Usec. Brenda's Garden preliminary works with Asec. Gatchalian and DOST-ROS
	January 25, 2022	Usec. Brenda's Garden with Assec Gatchalian and other DOST officials
	January 27, 2022	TELA Exhibition with Ms. Bb. Pilipinas Hanah Arnolds and Dir. Celia B. Elumba of DOST-PTRI
	January 31, 2022	Song number of DOST Sec. Fortunato de la Peña with Usec. Guevara at the keyboard
January 20, 2022	February 4, 2022	Usec. Brenda's Garden Inauguration Feb 4   livestreamin&Zoom
February 02, 2022	February 11, 2022	International Day of Women and Girls in Science   Friday, Feb 11, 2022 @ 9:00 am
	February 22, 2022	DAY 1 DOST Secretary Fortunato T. de la Peña project visits in CALABARZON
	February 23, 2022	DAY 2 DOST Secretary Fortunato T. de la Peña project visits in CALABARZON
March 04, 2022	March 14, 2022	Starbooks walkthrough Facebook livestream Cambitu ES
March 14, 2022	March 16, 2022	DOST - DILG MOA Signing for MAGHANDA Project   seda hotel
	March 17, 2022	Year Starter event of DOST-FNRI " Alay Mo, Kinabukasan Ko"
March 17, 2022	March 30, 2022	Livestreaming Training with DOST Region 1 and DZAG
March 18, 2022	April 1, 2022	PAGTANAW 2050
	April 18, 2022	Project Visits of Sec. Fortunato de la Peña to DOST-MIMAROPA supported projects
	April 18, 2022	Project Visits of Sec. Fortunato de la Peña to DOST-MIMAROPA supported projects
	May 6, 2022	Press Conference with SFTP
April 18, 2022	May 11, 2022	Regional Basic Research Caravan
STII Event	May 19, 2022	STARBOOKS   Deployment Officers Assembly   May 19-20
	May 27, 2022	Turnover Ceremony of Automatic Trash Rake(ATR)
April 18, 2022	May 31, 2022	Regional Basic Caravan for Region IX
May 24, 2022	June 2, 2022	Forum on Nuclear Energy: Sustainability and Competitiveness in the Phils.
June 01, 2022	June 3, 2022	Rizal The Scientist Miniature Finishing Touches
May 20, 2022	June 6, 2022	DOST@64 Opening Ceremonies (Flag Raising)
28 April	June 9, 2022	Kontempor-Anyo (part of DOST 64 years celebration)
	June 9, 2022	Groundbreaking Cermony of Taguig City Science Terminal and Exhibit Center
May 18, 2022	June 10, 2022	Pagpupugay at Pasasalamat: 40 Taon na Pananaliksik Para sa Pilipino
May 24, 2022	June 10, 2022	DOST-S4CP Summit- South Luzon Cluster/Metro Manila

Requestor	Services	Internal/External
DOST-PTRI	Livestream	External
DOST-CO	Photo Shoot	External
DOST-CO	Video Shoot	External
DOST-PTRI	video coverage with CCTV setup	External
DOST-CO	Video Shoot	External
DOST-CO	Livestream	External
DOST-CO	Livestream	External
DOST-CALABARZON	CALABARZON	External
DOST-CALABARZON	CALABARZON	External
Cambitu ES	Livestream	External
DOST-PAGASA	Livestream / Photo & Video Coverage	External
DOST-FNRI	video coverage with CCTV setup	External
DOST-Region 1	Livestream	External
DOST-NAST	video coverage w/ CCTV setup	External
DOST-MIMAROPA	photo coverage	External
DOST-MIMAROPA	video coverage	External
DOST-NCR	photo/video coverage	External
DOST-NRCP	photo/video coverage	External
DOST	Livestream	External
DOST-MIRDC	photo/video coverage	External
DOST-NRCP	photo/video coverage	External
DOST-NAST	photo/video coverage/CCTV setup	External
DOST-MIRDC	photo/video shoot	External
DOST Central	photo/video coverage/CCTV setup/ livestream	External
DOST-CO	Livestream	External
DOST-ALS	photo/video coverage	External
DOST-PCHRD	photo/video coverage	External
OUSECRD	photo/video coverage	External

June 06, 2022	June 13, 2022	64th DOST Gabi ng Parangal (9:00 am Ingress )
	June 14, 2022	SFTP Book Launching (full setup/live stream)
	June 19, 2022	Rizal the Scientist Project
	June 21, 2022	Innovations in Public Engagement Conference/Academe Pitching Conference
June 20, 2022	June 23, 2022	DOST-S4CP Press Conference (June 23)
June 20, 2022	June 24, 2022	DOST-S4CP Regional Press Conference (June 24)
	June 24, 2022	Inauguration of Medical Textile Testing Center
	June 25, 2022	InnovaEats -Food Ideas and Creations
	June 29, 2022	Innovate Pinas
May 26, 2022	July 1, 2022	FNRI - 75th Anniversary   Manila hotel
	July 1, 2022	TP and GC Kumustahan
May 13, 2022	July 7-8, 2022	The 48th DOST-FNRI Seminar Series : INOBASYON AT SOLUSION SA PANIBAGONG HAMON SA NUTRITSYON
June 09, 2022	July 13-14, 2022	44th Annual Scientific Meeting - NAST   Livestream
	July 29, 2022	Health Research and Technology (HeaRT) Report: Low-Cost Ventilation System
	August 3, 2022	PSC Teachers' Training and Lab in a Box
	August 4, 2022	DOST-SEI, MOA Signing of LODI
	Thursday, 04 August 2022	PFST's Teacher's Training on Philippine Science Centrum Exhibit-Based Lessons and lab in a Box
August 02, 2022	August 11, 2022	1st NRCP Public Exhibition of the Ang Mangagawa ng Kulintang saMindanao
July 25, 2022	August 16, 2022	SCIENCE COMMUNICATION FELLOWSHIP PROGRAM Livestream with PCIEERD @ Alabang
	September 1, 2022	EPDC video shoot (interview format)
July 29, 2022	September 2, 2022	SCIENTIFIC CAREER SYSTEM (SCS) 2022 OATH TAKING   PCIEERD at Acaccia Hotel
August 9, 2022	September 2, 2022	SCS - Oath Taking of Newly Conferred and Upgraded Career Scientists
February 21, 2022	September 14-16, 2022	NRDC Main Event
September 20, 2022	September 22, 2022	BREAK 4 MRP   Livestream @ Malolos Bulacan

DOST-OASEC-IC	photo/video coverage	External
DOST-STII	photo/video coverage/CCTV setup/ livestream	External
CRPD	photo/video coverage/CCTV setup/ livestream	External
DOST-PCIERRD	photo/video coverage/CCTV setup/ livestream	External
DOST-OUSEC	Livestream	External
DOST-OUSEC	Livestream	External
DOST-PTRI	photo coverage	External
DOST-ITDI	photo/video coverage	External
DOST-PCIERRD	photo/video coverage/CCTV setup/ livestream	External
DOST-FNRI	photo/video coverage/CCTV setup/ livestream	External
DOST-PCIERRD	photo/video coverage	External
DOST-FNRI	photo/video coverage/CCTV setup/ livestream	External
DOST-NAST	photo/video coverage/CCTV setup/ livestream	External
DOST-PCHRD	photo/video coverage/CCTV setup/ livestream	External
PFST	photo coverage	External
DOST-SEI	photo coverage	External
PFST	photo/video coverage	External
DOST-NRCP	photo/video coverage	External
DOST-PCIEERD	Livestream	External
DOST-PCIEERD	video shoot	External
DOST-PCIEERD	Livestream	External
DOST-NAST	photo/video coverage/CCTV setup/ livestream	External
DOST	photo/video coverage/CCTV setup/ livestream	External
DOST-FNRI	photo/video coverage/CCTV setup/ livestream	External

	September 29, 2022	PHILCAM event
September 14, 2022	October 4, 2022	Launching of Space Technology Exhibits/MOA Signing of Newly Approved Projects @Venice Grand Canal Mall
September 12, 2022	October 5, 2022	DOST-MIRDC PROJECT Buhawi Stakeholders Dialogue
	October 6, 2022	Launching of OneStore Hub
September 06, 2022	October 7, 2022	Block Chain Program Launching
	October 10, 2022	Ceremonial Turnover of Fiberglass Rescue Boats
	October 13, 2022	Launching of the SMART Food Value Chain Project
	October 16, 2022	RSTW-CALABARZON Opening Ceremonies 2022
	October 17, 2022	2022 RSTW-CALABARZON
August 4, 2022	Oct 19-21, 2022	40th Samahang Pisika ng Pilipinas Physics Conference and Annual Meeting
October 10, 2022	October 20, 2022	6th Annual Basic Research Symposium:The Filipino Music and Indigenous Culture
	October 26, 2022	DOST-NRCP, ExpertClassSeason 3:Antibiotic Resistance
October 20, 2022	November 3, 2022	PINOY Start with PCIEERD at Sheraton, Pasay City
	November 4, 2022	InfoPress: Understanding the Science of Tsunami
	November 7, 2022	Send-off Ceremony of Bb. Pilipinas Int'l. Ms. Hannah Arnold
October 18, 2022	November 8, 2022	HANDA Pinas with NCR at World Trade Center - Nov 8-9
	November 9, 2022	RSTW 2022 DOST-Region 1
October 28, 2022	November 9, 2022	HANDA PILIPINAS
	November 10, 2022	Opening Ceremony of Mold Technology Support Center (MTSC)
	November 11, 2022	Future Science Leaders Forum
November 08, 2022	November 24-26, 2022	PCIEERD Goes Local: Legislative Opportunities for Collaboration to Advance LGUs.
November 18, 2022	December 1, 2022	DOST- NCR(RSTW) @ University of Caloocan City-North Congressional Campus
November 23, 2022	December 2, 2022	MFET Award Paper Presentation and Awarding Ceremony
	December 5, 2022	Movie Screening "Tanabata's Wife"
	December 5, 2022	50th Atomic Energy Week
	December 7, 2022	PilipiNAST Kapihan
	December 13, 2022	Behind Numbers Project Workshop
	December 14, 2022	MAGHANDA CULMINATING ACTIVITIES EVENT at Novotel



DOST-MIRDC	photo/video coverage	External
DOST-PCIEERD	photo/video coverage/CCTV setup/ livestream	External
DOST-MIRDC	photo/video coverage	External
DOST- CALABARZON	photo/video coverage	External
DOST-PCIEERD	photo/video coverage	External
DOST- CALABARZON	photo/video coverage	External
DOST- CALABARZON	photo/video coverage	External
DOST- CALABARZON	photo/video coverage	External
DOST-CALABARZON	photo/video coverage	External
UP-SPP	photo/video coverage/CCTV setup/ livestream	External
DOST-NRCP	photo/video coverage	External
DOST-NRCP	photo/video coverage	External
DOST-PCIEERD	Livestream	External
DOST-PHIVOLCS	photo/video coverage	External
DOST-PCIEERD	photo/video coverage	External
DOST-NCR	Livestream	External
DOST-Region 1	photo/video coverage	External
DOST-NCR	photo/video coverage/CCTV setup/ livestream	External
DOST-MIRDC	photo/video coverage	External
DOST-NAST	photo/video coverage	External
DOST-PCIEERD	Livestream	External
DOST-NCR	photo/video coverage/CCTV setup/ livestream	External
DOST-NAST	photo/video coverage	External
DOST-STII GFPS	photo/video coverage	External
DOST-PNRI	photo/video coverage	External
DOST-NAST	photo/video coverage	External
DOST-PNRI	photo/video coverage	External
DOST-PHIVOLCS	Livestream	External



image source: <https://ph.rs-online.com/web/p/ethernet-cable/>

The new CAT6 cables provide higher  
bandwidth and speed



**ALFON B. NARQUITA**

Senior Science Research Specialist

Overall, the rehabilitation of the network wiring has greatly improved the organization's network infrastructure and has supported the organization's growth and operations.

**MISPS**

**Management Information System and Planning Section**

**Lloyd Frederick R. Mandapat**

Science Research Specialist II

**Ma. Hershey B. Castro**

Science Research Specialist II

**Jonathan Bradd N. Omega**

Science Research Specialist I

**Mark Jayson U. Sison**

Computer Programmer III

**Joram Kate S. Leonardo**

Computer Programmer II

**Elli Joshua G. Rey**

Computer Programmer II

**Mc Gyver C. Basaya**

Computer Operator IV

**Reiner M. Zagada**

Computer Operator III



**Positive disruption – this is how the Information Resources and Analysis Division or IRAD shaped its year by demonstrating education and learning are limitless as the country commences its momentum from the detriment of the pandemic.**

Positive disruption – this is how the Information Resources and Analysis Division or IRAD shaped its year by demonstrating education and learning are limitless as the country commences its momentum from the detriment of the pandemic. From a new collection of physical and digital references and publications, arrays of learning and development activities, sealed new partnerships, and skyrocketing presence in social media, IRAD remained steadfast in its mission to disseminate science, technology, and innovation (STI) information.

### Empowering the minds through leveled up library experience

As the DOST-STII has finally adjusted to the new and alternative platforms of the library, so as to the demand of its clients when it comes to S&T reference materials, learning and development

intervention, and online library access. In 2022, DOST-STII Library accommodated a total of 116,349 library clients. Far from over a million mark in 2021, this recent number of library clients resulted from a change of metrics used in online library platforms (i.e., from webalyzer that counts website visits to Google Analytics that counts actual users).

It was indeed a productive year for IRAD as it reached an overall rating of 93% Very Satisfactory or higher from 10,431 clients (from 26 schools and institutions) who availed of Online Library Literacy Program; 8,061 clients from 17 library webinars, trainings, and workshops; 288 material requests; 402 clients (from 18 different schools and institutions) for walk-in, tour, and benchmarking activities; and 97,167 users through SciNet Integrated Library Management System – Online Public Access Catalog (SILMS-OPAC).

## LIBRARY SERVICES

# 116,349 LIBRARY CLIENTS

accommodated by DOST-STII Library Section in 2022

## 93% VERY SATISFACTORY OR HIGHER

rating from 11,578 respondents

**35**  
ONLINE LIBRARY LITERACY PROGRAM

**92.99% increase**

10,431 participants in 2022 vs. 5,405 participants in 2021

**17**  
TRAININGS, WEBINARS, AND WORKSHOPS

**3.65% decrease**

8,061 participants in 2022 vs. 8,366 participants in 2021

**288**  
LIBRARY MATERIAL REQUESTS

**110.22% increase**

vs. 137 requests in 2021

**WALK-IN CLIENTS AND LIBRARY TOURS**

**402 clients**

*\*library operations resumed after restriction had been lifted*

**SILMS-OPAC**

**97,167 users**

*\*metrics used shifted from Webalyzer to Google Analytics*

<b>DOST-STII Library Webinar Series FY 2022</b>			
Date Conducted	Topic/Speaker	Number of Participants	Satisfaction Rating (VS or higher)
29 April 2022	Establishing an Effective Knowledge Management System	2,271	99.49%
14 June 2022	Keeping the PSHS Main Campus Library and the PSHSS Learning Management System Relevant during the Pandemic	59	98.29%
26 July 2022	Copyright and Intellectual Property of Government-Funded Theses and Dissertations	1,754	96.22%
20 October 2022	e-Archiving: Transform the Way You Preserve Data	2,006	96.57%
15 November 2022	The Fourth Industrial Revolution (4IR) and Librarians' Core Competencies	354	96%
15 November 2022	Fundamentals of Gender Mainstreaming for Librarians	305	94%
15 November 2022	Mobile Photography: Tips and Tricks	27	98.29%
15 November 2022	Science Journalism Workshop	18	97.22%
16 November 2022	Libraries are for Everyone: Orientation Seminar on PWD Sensitivity in the Library	319	98%
16 November 2022	One DOST 4 U: DOST Libraries' Initiatives and Services	294	96%
16 November 2022	Training Workshop on Basic Robotics	10	100%
16 November 2022	Introduction to Programming Workshop	56	96.23%
17 November 2022	Impormasyong Masaligan at Mabilis: DOST InfoSerbilis	22	92%
17 November 2022	Libraries Transforming Communities	253	97%
17 November 2022	Animation Training-Workshop	21	-
17 November 2022	3D Printing Workshop	16	-
18 November 2022	The Power of Reading: Librarians as Reading Advocates	276	96%
<b>Total</b>	<b>17 webinars</b>	<b>8,061</b>	<b>96.91%</b>

<b>DOST-STII Online Library Literacy Program FY 2022.</b>						
Date Conducted	Requesting School / Institution	Zoom attendance	Number of Respondents			Satisfaction Rating (VS or higher)
			Female	Male	Total	
6 January 2022	International Christian Academy, Sucat, Parañaque	105	31	34	65	87.97%
6 January 2022	Shepherd My Lambs Christian College, Inc., Davao del Sur	198	71	58	129	84.84%

7 February 2022	Don Bosco School (Salesian Sisters), Inc., Manila (JHS)	280	80	50	130	88.95%
9 February 2022	Don Bosco School (Salesian Sisters), Inc., Manila (SHS)	137	17	29	48	86.25%
15 February 2022	Saint Jude Catholic School / Suola di Scienza del Mija	217	53	44	98	84.08%
21 February 2022	La Union National High School (Grade 7.7-7.17)	119	29	7	36	67.78%
21 February 2022	La Union National High School (Grade 7-7.6)	79	43	29	72	55.97%
22 February 2022	La Union National High School (Grade 11-STEM / Western Leyte College of Ormoc	485	254	77	333	83.78%
22 February 2022	La Union National High School (Grade 11-HUMSS)	109	64	43	109	66.15%
22 February 2022	La Union National High School (Grade 11-HE-ICT)	57	19	10	29	74.48%
23 February 2022	Lanao del Norte National Comprehensive HS	105	83	37	120	92.00%
1 March 2022	Marie Osmund School Inc.	130	39	31	71	82.68%
2 March 2022	Academic de San Jose of Cabuyao, Laguna	67	25	15	40	70.75%
15 March 2022	St. John's Academy, Inc.	529	191	119	311	87.81%
5 April 2022	St. Beatriz Academy	61	10	6	16	93.75%
19 April 2022	Philippine Science High School – Central Mindanao Campus, Nangka, Balo-I, Lanao del Norte	212	75	68	146	95.82%
20 April 2022	Immaculada Concepcion College, North Caloocan	264	89	47	140	79.79%
16 May 2022	Mariano Marcos State University, Batac, Ilocos Norte	32	19	2	21	100%
2 June 2022	Bulacan Public Librarians Association, Inc.	343	313	34	347	96.78%
18 August 2022	St. Mary's College of Baliuag, Baliuag, Bulacan	391	79	69	150	80.80%
14 September 2022	Philippine College of Advanced Arts and Technology, Quiapo, Manila (Batch 1)	3,000	341	194	544	74.12%
20 September 2022	St. John's Academy Inc., Dinalupihan, Bataan	498	95	62	160	83.13%
21 September 2022	Philippine College of Advanced Arts and Technology, Quiapo, Manila (Batch 2)	273	222	143	371	70.05%

22 September 2022	Blessed Christian School de Sta. Rosa, Inc., Sta. Rosa, Laguna	500	106	77	184	78.53%
3 October 2022	School of Saint Anthony Lagro, Quezon City (Grade 7-9)	336	89	74	166	79.40%
5 October 2022	School of Saint Anthony Lagro, Quezon City (Faculty)	48	11	9	20	95.50%
10 October 2022	School of Saint Anthony Lagro, Quezon City (Grade 10&12)	288	99	50	154	85.91%
13 October 2022	School of Saint Anthony Lagro, Quezon City (Grade 11)	131	41	37	80	78.75%
14 October 2022	School of Saint Anthony Lagro, Quezon City (Grade 10&12)	188	102	62	173	75.55%
19 October 2022	Santo Tomas National High School, Sto. Tomas, La Union	350	23	5	28	80.00%
22 November 2022	Philippine Science High School – Central Luzon Campus, Clark, Pampanga	111	43	59	111	78.56%
23 November 2022	Pamantasan ng Cabuyao, Laguna	208	58	26	86	87.21%
28 November 2022	Lagro High School, Quezon City	331	122	103	228	76.80%
28 November 2022	College of Saint Anthony, San Jose del Monte, Bulacan	199	49	35	90	85.00%
12 December 2022	Cotta National High School	50	5	6	14	72.86%
Total	35 Sessions / 26 Requesting Institutions Served	10,431	2,990 (62.03%)	1,751 (36.33%)	4,820	81.77% 81.22% (weighted average)

### Library tour, orientation, and benchmarking activities FY 2022

Date of visit	Name of Institution / Organization
8 March 2022	Association of Special Libraries of the Philippines (ASLP)
22 April 2022	National Museum of Science and Technology, Bangladesh
27 April 2022	Biñan Integrated National High School
20 May 2022	Alaminos City National High School, Pangasinan
27 May 2022	Parañaque City College
27 May 2022	Pamantasan ng Cabuyao, Laguna
14 June 2022	Biñan Integrated National High School
11 July 2022	Good Neighbors International Philippines
18 July 2022	San Carlos City, Negros Occidental Provincial Government



21 July 2022	Philippine Science High School
22 July 2022	1 <sup>st</sup> District of Bukidnon
4 August 2022	PNP Research and Development Center
18 August 2022	Pasay City North High School
18 August 2022	Agusan del Sur Provincial Science and Technology Center
4 October 2022	Unida Christian Colleges, Imus, Cavite
10 October 2022	City of Malabon University
16 December 2022	Department of Social Welfare and Development–Sustainable Livelihood Program (DSWD–SLP)
19 December 2022	Family members of the National Scientist Dr. Geminiano de Ocampo

IRAD continued to campaign its flagship service—S&T library—by increasing its vast collection of STI reference materials. In 2022, a total of **186 titles and 360 copies of newly-acquired books (102 titles / 107 copies) and serials (84 titles / 253 copies)** were technically processed.

Likewise, the Digitization Section **scanned 255,540 pages** from 1,894 titles, **transfigured 41,969 OCR-ready pages** on Filipiniana materials and **uploaded 1,312 full-text articles** on Philippine e-library and SILMS databases.

## Reinforcing library services with profuse STI content

Last year, IRAD fulfilled a total of **2,102 Filipiniana and foreign titles** to the SILMS database, **1,898 new records** in STARBOOKS content, **1,063 experts and scientists' profiles** registered in SPHERES website, and three semi-annual publications, namely: the Philippine Science and Technology Abstracts (PSTA), Specialized Philippine Enterprise Reference of Experts and Scientists (SPHERES), and STARBOOKS Insider.

The PSTA is a collection of classified abstracts of S&T information from journals and periodicals. Meanwhile, on the other hand, SPHERES is a compilation of bibliographical information on the experts and scientists specializing in science and

technology; while STARBOOKS Insider is a special newsletter featuring STARBOOKS-related activities.

Likewise, **STARBOOKS (81,845 users)**, **Science.ph (44,093 users)**, and **SPHERES (52,881 users)** showed impressive website users for 2022.

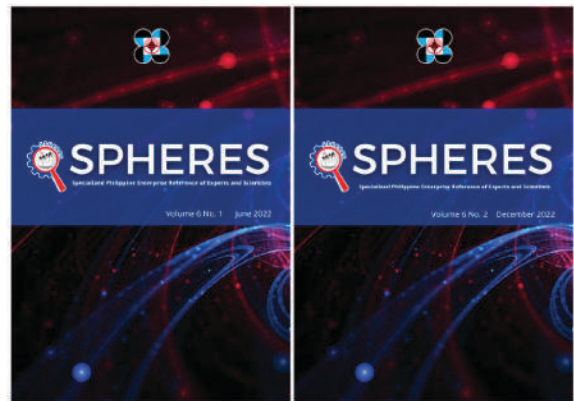
As part of continued efforts to provide readily-accessible Agriculture, Aquatic and Natural Resources (AANR) resources, IRAD still collaborated with DOST-PCAARRD and its regional consortia with the project titled “Accelerating DOST-PCAARRD Knowledge Networks of e-Libraries” to **digitize 274,941 pages of AANR resources** available through a digital information hub called SLIMS database.

## Keeping the social media presence ablaze

IRAD kept up the momentum going in the world of social media through DOST-STII Library and STARBOOKS Facebook pages. In 2022, **DOST-STII Library Facebook page achieved 1,085,635 total reach with 462 contents** exhibiting monthly features of newly-processed reference materials, PSTA abstracts, Filipina scientists in SPHERES, and announcements; while **STARBOOKS Facebook page had 8,164,300 total reach with 120 contents** featuring STARBOOKS activities, online quizzes, and announcements to name a few.



Philippine Science and Technology Abstracts (PSTA) June and December 2022 Issues



Specialized Philippine Enterprise Reference of Experts and Scientists (SPHERES) June and December 2022 Issues



STARBOOKS Insider June 2022 and January 2023 Issues

IRAD also supported the campaign for R.A. 10535, also known as the **Philippine Standard Time**.

The revamped **DOST InfoSerbilis** continued to improve its services by creating a chatbot about DOST Frequently Asked Questions (FAQs) like scholarship, laboratory services, DOST products, and contact details of different DOST agencies. In 2022, **DOST InfoSerbilis received 1,514 queries (i.e., 84.63% higher than in 2021)**. Moreover, **97.36% of the clients rated their online experience as Very Satisfactory or higher**.

DOST InfoSerbilis is a fast, accurate, and client-oriented platform that answers DOST-related queries such as general information on DOST and its agencies; DOST key officials; DOST

programs, projects, and activities; scholarship applications; and laboratory services.

## STARBOOKS@11: Mga Istorya ng Inspirasyon

Flagged as the country's first S&T digital library in a box, Science and Technology Academic and Research-Based Openly Operated Kiosks, or STARBOOKS, is a stand-alone, on-site research and information kiosk that provides free access to S&T information for academic, livelihood, and disaster prevention; and bridges the digital divide for many of our far-flung communities without or limited access to the internet.

# WELCOME BACK, STUDENTS! WE MISSED YOU!

Science and Technology Information Institute

[scinet.dost.gov.ph](#)
[dost.sti.library](#)
[dost.sti.library](#)
[dost.sti.library](#)

## Science and Technology Information Institute

### TOP CLIENTS HONORED IN DOST-STII LIBRARY CLIENTS APPRECIATION DAY

27 July 2022 | DOST-STII Mini-Theater

Science and Technology Information Institute

[scinet.dost.gov.ph](#)
[dost.sti.library](#)
[dost.sti.library](#)

## Science and Technology Information Institute

### Copyright and Intellectual Property of Government-Funded Theses and Dissertations

26 July 2022 | 2-5PM PhST

**Resource Speaker**  
Dr. Ferman R. Dizon  
Chief, Copyright Services Division (Copyright and Intellectual Property Office of the Philippines (CIPPI))

GET A CHANCE TO WIN DOST-STII SCIENCE KIT!

# GIVEAWAY

With 1,000 Points for Librarians

Science and Technology Information Institute

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[dost.sti.library](#)
[dost.sti.library](#)

## Science and Technology Information Institute

1K Zoom Participants  
675 FB Live Viewers

### THANK YOU FOR JOINING US!

DOST-STII LIBRARY WEBINAR SERIES in partnership with ASLP  
"Copyright and Intellectual Property of Government-Funded Theses and Dissertations"  
Resource Speaker: Dr. Ferman R. Dizon, IPOPHL  
26 July 2022 | 2:00-5:00 PM

See you all again on our next webinar!  
Follow our social media accounts for announcements!

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## STARBUCKS @

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**Soft-Serve Menu:**  
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Cash, Credit/Debit Cards & Mobile Apps

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## Science and Technology Information Institute

### DOST-STII and BuSU MOA Signing Ceremony on BuSU BLIS Faculty Development and Student Training

07 July 2022 | DOST-STII CAST Room

Science and Technology Information Institute

[scinet.dost.gov.ph](#)
[dost.sti.library](#)
[dost.sti.library](#)

### INSIDE THE PSTA

#### Awareness and Knowledge on Forest Certification in the Philippines: Foresters' Perspectives

Noel L. Tolentino, Presida C. Dolan, Arlene B. Palacios, Mia Cynthia S. Casin, Leonida A. Bugarang, Ma. Magdalena B. Villanueva, Maria Leah L. Capinon, Jean C. Morris, and Leonida A. Dioniso

Philippine Journal of Science, Volume No. 150, Issue No. 3 (2021)

Science and Technology Information Institute

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[dost.sti.library](#)
[dost.sti.library](#)

### INSIDE THE PSTA

#### Reformulation of vermicast as organic fertilizer for corn (*Zea mays* L.)

Mark Anthony M. Barbadillo, Bernice G. Macapangan, Romel B. Arneson

Annals of Tropical Research, Volume No. 43, Issue No. 2 (2021)

Science and Technology Information Institute

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### INSIDE THE PSTA

#### Antimicrobial Activity of Endophytic and Rhizospheric Fungi Associated with Soft Fern (*Christella* sp.) and Cinderella Weed (*Synedrella nodiflora*) Inhabiting a Hot Spring in Los Baños, Laguna, Philippines

Rio Sarina B. Anas, Ren-Mark D. Villanueva, Jessica F. Simbulan, Marie Christine M. Obusan

Acta Medica Philippina, Volume No. 56, Issue No. 10 (2021)

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[dost.sti.library](#)

### SCIENTIST OF THE MONTH

#### DR. LYN MARIE DE JUAN-CORPUZ

Dr. Lyn Marie De Juan-Corpuz specializes in the development of 2D nanomaterials as anode materials for lithium-ion batteries. She is co-founder of an R&D start-up company called Nanolabs LRC, Co. Ltd, which is oriented in providing nano-based solutions to environmental and societal problems. Dr. De Juan-Corpuz patented technologies including rechargeable zinc-ion batteries, flexible electrodes, and a flexible solid polymer electrolyte-reduced graphene oxide nanocomposite.

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### SCIENTIST OF THE MONTH

#### DR. ANDREA MONICA D. ORTIZ

Dr. Ortiz is an interdisciplinary researcher who focuses on food security and climate change. She was part of the BIOTA project where she contributed to know about the interconnections between agriculture, biodiversity, climate change, and international trade. Her research interest are food security, climate change, biodiversity and disaster risk reduction and policy.

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### SCIENTIST OF THE MONTH

#### DR. PHERE NICOLE G. PEREZ

Dr. Perez specializes in ultraviolet laser spectroscopy. Currently, she is one of the DOST S&T Fellow at DOST-PCIRD. She participates in multiple research and development projects involving carbon quantum dots, mixed crystals, and other photoluminescent materials.

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## Dazzling at the pinnacle

Indeed, STARBOOKS dazzled in 2022 as, once again, received awards and recognition from esteemed government agencies namely, Civil Service Commission, National Economic and Development Authority, and Development Academy of the Philippines.

## STARBOOKS in one and many forms

Aside from the offline kiosk of STARBOOKS, its resources can also be accessed online through its website and mobile applications:

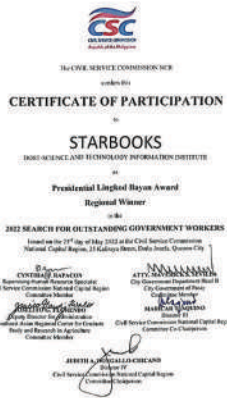
- 1) **STARBOOKS Online Portal** which can be accessed via [www.starbooks.ph](http://www.starbooks.ph);
- 2) **STARBOOKS App** which is designed to make STARBOOKS online contents more accessible to mobile users;
- 3) **STARBOOKS Whiz app**, a gamified way of learning science and mathematics through solo or battle modes, where players can earn stars, tokens, badges, and power-ups to go up

in the rankings and gain experiences; and 4) **STARBOOKS Geomap**, a mobile app that plots the actual location of STARBOOKS sites around the Philippines. All STARBOOKS applications are available for download on Google Play Store.

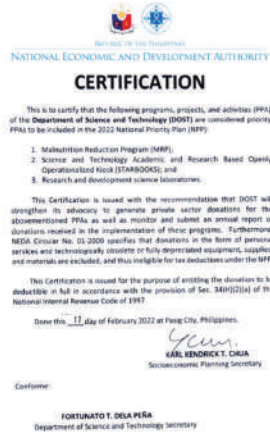
## STARBOOKS 11<sup>th</sup> anniversary celebration

Dubbed as **Sana All: Mga Istorya ng Inspirasyon ng STARBOOKS**, the 11<sup>th</sup> anniversary celebration of STARBOOKS held at the Philippine International Convention Center on 24 June 2022, highlighted the inspiring stories narrated by the different stakeholders upon using and implementing STARBOOKS.

To capture these inspiring stories, two vlog contests were launched. First, **STARBOOKS Istorya ng Inspirasyon Vlog Contest** is a short vlog contest open to all STARBOOKS users who were inspired and have inspired others to also



2022 CSC Presidential Lingkod Bayan Award Regional Winner



2017-2022 National Priority Program

GBPR 2022 FINALISTS	
BEST PRACTICE ENTRY TITLE	AGENCY
Pre-Commercialization Due Diligence Mechanism of the DOST-Technology Application and Promotion Institute (DOST-TAPI)	DOST-TAPI
Empowering Philippine Stakeholders on Hazards Monitoring, Damage Assessment, Warning and Local Advisory through the Use of REDAS	DOST-PHEVOLCS
Gender and Development (GAD) Mainstreaming	DA - PH/PCA
Publishing of ASEAN Creation Induced (ACI) Referenced Journals at Southern Leyte State University	SLSU
Science and Technology Academic and Research-Based Openly Operated Kiosk (STARBOOKS)	DOST-STII
POAO-Zambodua Best Practices	POAO-PWD
Mandaua City's ePPLS: Transcending Expectations	LGU-Mandaua
Mandaua Veterinary Field Hospital	Provincial Veterinary Office of Marikoupa
YOUR MENTAL HEALTH MATTERS: The Quezon City Community-Based Mental Health Program (CBMHP)	Quezon City Government
Social Pension Information System (SPIS)	DEWD - CARAGA
Community-Based Sustainable Tourism in Palau Island Protected Landscape and Seascap, Isla Ana, Cagayan	Cagayan Economic Zone Authority
MPO MOBILE LIBRARY ANG GURONG KONG PULIS	PSP
Enhancing Technology Transfer and Commercialization through the DOST-PCAARRD Innovation and Technology Center (DOST-ITC)	DOST-PCAARRD
"Mang Dahi sa Kahon" (Plastic Bags to Family Food Pack Boxes) The Innovations of DSWD's Regional Resource Operations Section	DSWD - VII

Development Academy of the Philippines - Government Best Practices Recognition 2022 Finalist

# STARBOOKS

**STARBOOKS OFFLINE**  
Offline kiosks installed in schools, LGUs, and libraries



**6,289**  
TOTAL STARBOOKS SITES  
as of 31 December 2022

**878**  
STARBOOKS Sites  
installed from January to December 2022

**163 sites**  
installed by DOST-STII  
**715 sites**  
installed by DOST Regions

**STARBOOKS ONLINE**  
[www.starbooks.ph](http://www.starbooks.ph)



**25,022**  
REGISTERED ONLINE USERS

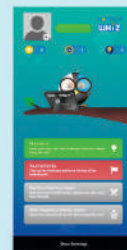
**81,286**  
USER VISITS

**689,596**  
ONLINE MATERIAL ACCESSED

**MOBILE APPS**



**STARBOOKS APP**  
**9,495\***  
downloads



**STARBOOKS WHIZ APP**  
**989\***  
downloads



**STARBOOKS GEOMAP**  
**653\***  
downloads

\*as of 31 December 2022



Marck Esthevyn V. Cabiso



Love Joy E. Molina



DOST-Region IX



DOST-Region XII

use STARBOOKS. The Top three best vloggers who won gift certificates were Marck Esthevyn V. Cabiso from Arboleda National High School, Love Joy E. Molina from Aurora National High School and Klarck Tacalan.

The second vlog contest called *STARBOOKS Istorya ng Inspirasyon: Deployment Officers Edition* is a short documentary contest featuring the inspiring and personal experiences of our former and current STARBOOKS Deployment Officers during the deployment and implementation of STARBOOKS in their respective area. The Top three best inspiring stories who

won gift certificates were entries from DOST Region I, DOST Region XII, and DOST Region IX. The winning DOST regions also took home a brand-new laptop sponsored by Quipper Philippines, Inc.

Former DOST Secretary Fortunato T. de la Peña also graced the anniversary celebration through his inspirational message, together with Mr. Fahri Burak Aydoğdu, Country Director of the Turkish Cooperation and Coordination Agency (TIKA), who delivered the keynote speech.



*Klarck Tacalan*

## Continued collaboration: STARBOOKS training with DepEd

Concurrent to DOST-STII's partnership with the Department of Education (DepEd), the STARBOOKS system was incorporated into computer units under the DepEd Computerization Program (DCP), which will be distributed to the beneficiary schools. Prior to deployment of computers, DepEd Information and Communications Technology Service (ICTS) requested the STARBOOKS team to train their Regional and Divisional Information Technology Officers (RO & DO-ITO) on the usage and administration of STARBOOKS.

Starting July 2022, the STARBOOKS team actively trained the DepEd RO and DO-ITOs in the following cities and provinces:

1. North Cotabato (19-22 July 2022)
2. Zambales (28-29 July 2022)
3. Cebu (06 August 2022)
4. Naga City (12 August 2022)
5. Iloilo City (23 August 2022)
6. Cagayan de Oro (20 September 2022)
7. Butuan City (06-08 October 2022)
8. Pampanga (13 October 2022)
9. Batanes (29 October 2022)
10. La Union (09 November 2022)
11. Leyte (28-30 November 2022)
12. Zamboanga del Norte (02-03 December 2022)



*DOST-Region I*

## STARBOOKS deployment officers assembly

As restrictions eased out in 2022, STARBOOKS finally conducted, face-to-face, its 9th and 10th STARBOOKS Deployment Officers Assembly after two years of holding it virtually. Held at The Heritage Hotel Manila on May 18-20 and November 23-25, respectively, both assembly discussed the plans and updates for STARBOOKS programs, and shared the best practices and resources among STARBOOKS Deployment Officers for the successful implementation of the project in the regions.

## Mass Installations, STARBOOKS Regional Stakeholders' Convention, and Exhibits

Through the immeasurable efforts of STARBOOKS Deployment Officers in the regions, DOST-STII conducted the STARBOOKS mass installation to the following:



Former DOST Secretary Fortunato T. de la Peña



TIKA Country Director Fahri Burak Aydođdu



9th STARBOOKS Deployment Officers' Assembly (18-20 May 2022)



10th STARBOOKS Deployment Officers' Assembly (23-25 November 2022)



1. **DOST-Region XII** - 56 beneficiary institutions from elementary and high schools, three (3) LGU's and one (1) college institution (19-22 July 2022)
2. **DOST-Region III** - 14 public elementary schools and eight (8) public and private junior high schools in Castillejos, Zambales (28-29 July 2022)
3. **DOST-Region I** - 46 beneficiary schools and public libraries from Region I (08-10 November 2022)

Meanwhile, STARBOOKS Regional Stakeholders' Convention and Exhibit happened across the country particularly in Regions I, VII, and XII.

Bannered with the theme "*STARBOOKS: Toward a Sustainable and Resilient Future*", the STARBOOKS Stakeholders' Convention in Central Visayas was joined by more than 300 school principals and

administrators of recipient schools of STARBOOKS in Region VII and partners from Frontlearners, Inc. and Knowledge Channel Foundation.

Moreover, highlight of the program is the ceremonial Memorandum of Agreement (MOA) signing between DOST-STII and DOST-Region VII for the implementation of the project titled "*Development and Deployment of STARBOOKS Nature to Promote Wildlife Preservation, Environmental Education, and Ecotourism in Protected Areas in Negros Oriental (Phase 1)*".

With this, DOST-STII will develop **STARBOOKS Nature**, an interactive, tourist-friendly version that spreads awareness on the preservation of wildlife, support for environmental education, and ecotourism in the province, which hosts the following declared protected areas: Tanon Strait Protected Seascape, Apo Island Protected Landscape and Seascape, and Balinsasayao Twin Lakes Natural Park. This will also serve as



*MOA Signing between DOST-STII and DOST-Region VII for STARBOOKS NATURE  
In photo (L-R): Regional Director Engr. Jesus F. Zamora Jr., DOST-STII Director Richard P. Burgos,  
and Provincial-S&T Director Negros Oriental-Mr. Gilbert R. Arbon*

a platform to collaborate with the Department of Environment and Natural Resources (DENR) and the Department of Education (DepEd) to underscore the rich, diverse natural and cultural heritage in Negros Oriental, as well as the fundamental importance of nature's protection for present and future generations.

Graced by Regional Director Armando Q. Ganal, Executive Assistant III from Governor's Office of Pangasinan Atty. Korina Cueva, and ARD for Technical Services Raquel Espiritu, the STARBOOKS Stakeholder's Regional Convention in Region I was participated in by more than 110 public teachers, school principals, and administrators of the recipient schools of STARBOOKS. Highlight of this event was the ceremonial Memorandum of Understanding (MoU) signing between DOST-

Region I and the new beneficiary schools and libraries led by their respective school principals and/or representatives.

In support of the 2022 National Science and Technology Week in Region XII, STARBOOKS accumulated 580 registered attendees who visited the DOST-STII booth and experienced navigating STARBOOKS Whiz App, STARBOOKS Geomaps, and STARBOOKS App.

### **STARBOOKS continues to dominate the virtual platform**

This year, STARBOOKS launched Live Quiz and Virtual Walkthrough to beef up its presence in the virtual platform, especially on Facebook. The



*STARBOOKS Stakeholder's Regional Convention in Region I*



*2022 National Science and Technology Week under Science and Technology Summit: Science, Technology and Innovation for Human Well-being held at SM City Trade Hall, General Santos City on 11-13 October 2022*

STARBOOKS Live Quiz is a livestream quiz event on Facebook in which questions are sourced from the STARBOOKS database.

On the other hand, STARBOOKS Virtual Walkthrough is an on-demand service that briefs institutions everything about STARBOOKS. In 2022, STARBOOKS conducted 55 sessions from 138 institutions with 4,409 participants such as school administrators, teachers, librarians, and students.

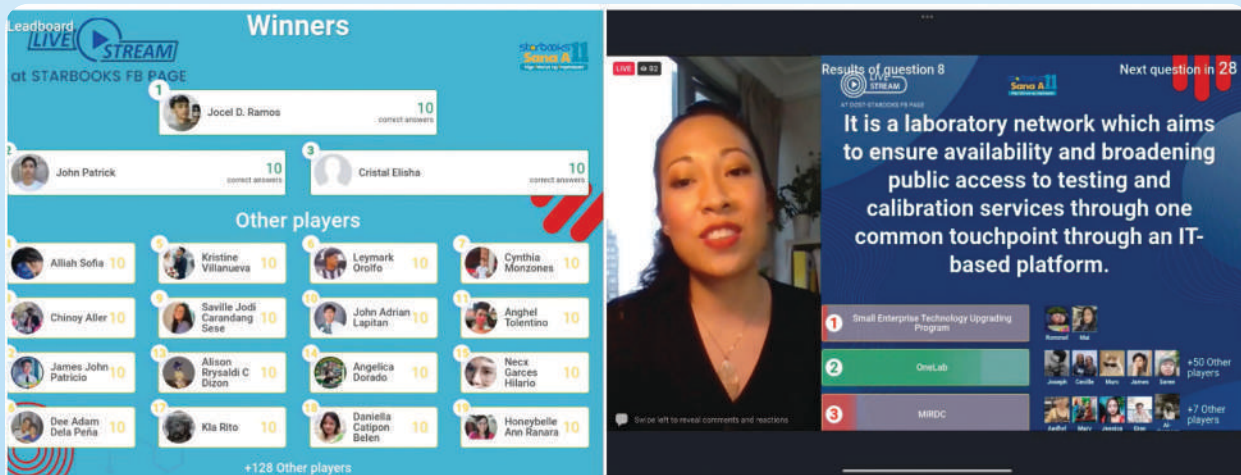
### Sealed partnerships for shared advocacies

The consistent dialogue and exchange of ideas to advocate science, technology, and innovation

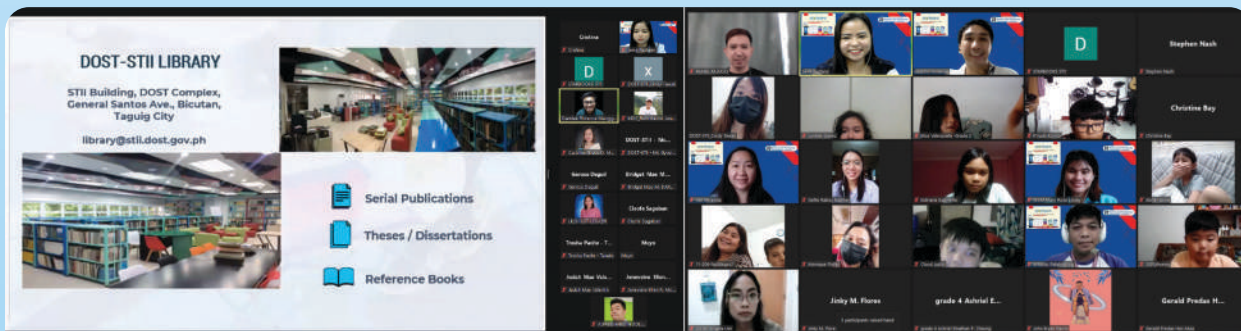
to the public came to fruition as DOST-STII made a pact with 10 local and international partners through DOST-STII Library and STARBOOKS.

### DOST-STII LIBRARY

1. *Association of Special Libraries of the Philippines* - to conduct webinars with Continuing Profession/Development (CPD) points for Librarians.
2. *Bulacan State University* - On the Job Training and Faculty development through webinars, training, and benchmarking.
3. *University of Perpetual Help System Laguna* - OJT and Faculty development through webinars, training, and benchmarking.



STARBOOKS Online Contests and Live Quizzes



STARBOOKS Virtual Walkthrough



MOA Signing with Association of Special Libraries of the Philippines (08 March 2022)



MOA Signing with Bulacan State University (07 July 2022)



MOA Signing with University of Perpetual Help System Laguna (23 August 2022)



MOA Signing with Indang Cavite Highlands Lions Club (24 June 2022)



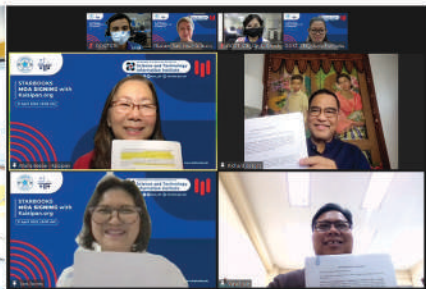
MOA Signing with DOST-Advanced Science and Technology Institute (24 June 2022)



MOA Signing with Turkish Cooperation and Coordination Agency (24 June 2022)



MOA Signing with Pagbilao Energy Corporation (PEC) and Local Government of Pagbilao, Quezon (07 October 2022)



MOA Signing with Kaisipan.org (11 April 2022)



MOA Signing with ABS-CBN Lingkod Kapamilya Foundation through Programa Genio (26 May 2022)

## STARBOOKS

1. *ABS-CBN Lingkod Kapamilya Foundation through Programa Genio* - to install STARBOOKS in their sponsored beneficiary schools.
2. *DOST-Advanced Science and Technology Institute through project REIINN (Resilient Education Information Infrastructure for the New Normal)* - to make STARBOOKS accessible through their LokalTE and RuralCasting technologies in areas not covered and serviced by local telcos and internet providers.
3. *Indang Cavite Highlands 103 Lions Club* - to sponsor STARBOOKS-enabled computers to chosen beneficiary communities or schools.
4. *Turkish Cooperation and Coordination Agency (TIKA)* - to provide solar-powered STARBOOKS to the most economically-hit, geographically isolated schools in Palawan and Mindanao.
5. *Kaisipan.org* - to provide free content for STARBOOKS.
6. *Pagbilao Energy Corporation (PEC)* - to provide complete packages of STARBOOKS which consist of computer set, kiosk/pod, wifi router, and printer to 9 barangay schools and 1 Municipal Library in Pagbilao Quezon.
7. *Local Government Unit of Pagbilao, Quezon* - in cooperation with PEC, to install STARBOOKS in schools in Pagbilao, Quezon.



As the DOST-STII has finally adjusted to the new and alternative platforms of library, so as to the demand of its clients when it comes to S&T reference materials, learning and development intervention, and online library access.



**ALAN C. TAULE**  
Chief Science Research Specialist



## INFORMATION RESOURCES AND ANALYSIS DIVISION

### LIBRARY SERVICES

**Lynderlitte M. Maglaque**

Supervising Science Research Specialist

**Arjay C. Escondo**

Information Systems Researcher III

**Nelly A. Ngangay**

Science Research Specialist II

**Irene A. Brillo**

Science Research Specialist II

**Louisa Marie C. Marquez**

Science Research Specialist I

**Elmer B. Generalao**

Science Research Assistant

### DIGITIZATION

**Jessica T. Barrientos**

Science Research Specialist II

**Ronna Mae T. Pamilacan**

Science Research Assistant

**Jonnell Matthew E. Gullaba**

Science Research Assistant

**Jynfert Clyde U. Lasque**

Science Research Assistant

**Elton John F. Oliveros**

Science Research Assistant

### DOCUMENTATION

**Khasian Eunice M. Romulo**

Science Research Specialist II

**Jonathan D. Abalon**

Science Research Specialist II

**Louella L. Pestaño**

Science Research Specialist I

**Jeffrey T. Centeno**

Reproduction Machine Operator II

### STARBOOKS

**Marievic V. Narquita**

Science Research Specialist II

**Rommel B. Azucena Jr.**

Science Research Specialist I

**Reynaldo A. Morales Jr.**

Administrative Assistant II

**Dandee Florence B. Manggao**

Computer Programmer I

**Leira M. Pestano**

Information Systems Researcher I

**Cindy B. Tawali**

Information Systems Researcher I

### DOST-PCAARRD AKNEL

#### PROJECT

**Eda May A. Payay**

Computer Programmer II

**Jayson Welf N. Boniceli**

Project Assistant I

**Rebmark G. Casimiro**

Project Assistant I

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**This year, the CRPD ramped up its science and technology (S&T) communication efforts by means of social media posts, press releases, and other publicity campaigns . . .**

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## S&T Promotion Services

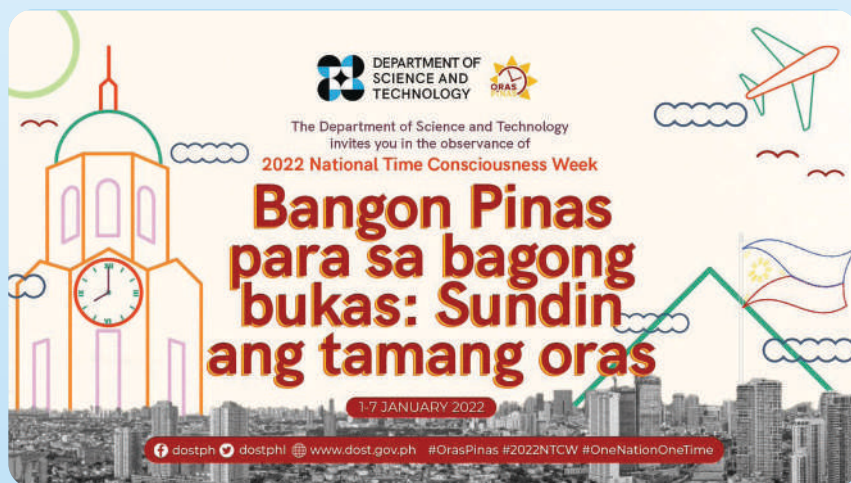
This year, the Communication Resources and Production Division (CRPD) ramped up its science and technology (S&T) communication efforts by means of social media posts and press releases under the banner of the following publicity campaigns:

- *Oras Pinas* awareness drive in January,
- Rizal the Filipino Scientist commemorative webinars from January to June,
- Project #MAGHANDA learning sessions

on disaster information from July to December in collaboration with DOST-PAGASA and DOST-PHIVOLCS, and

- the 7th National Research & Development Conference in September.

In effect, the number of regular social media posts rose by 2% to 4,725 this year from 4,621 in 2021. Relative to 2021, social media engagements slid by 38% (from 50,434,344 to 31,441,980), as did the social media reach (from 30,053,325 to 29,736,592) due to some unexpected events. These posts were published in the official social media accounts managed by CRPD:





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

As for the promotion of this year’s National Science and Technology Week (NSTW), with the number of social media posts having declined by 70% from 509 in 2021 to 152 this year, social media engagements *via* Facebook also dropped by 47% from 4,387,357 to 2,326,750. On

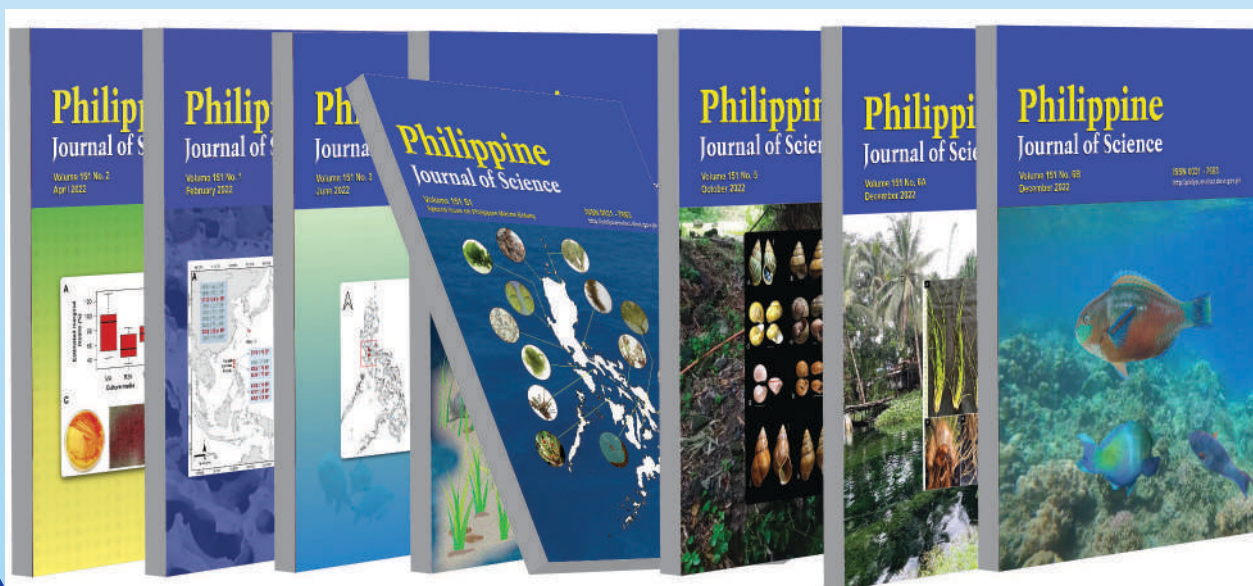
a positive note, social media reach soared by 432% to 712,657 this year from 134,043 in 2021 for webinars and by 3% to 1,613,760 from 1,567,998 for posts. Although the number of press releases decreased by 84% from 82 in 2021 to 13 this year due to shift in the human resource deployment, the number of views for the NSTW website did roll up by 7% from 14,698 to 15,767.

Science Journo *Ako* did well this year, as six (6) sessions were conducted in total:

- "Enhancing Science Communication Skills with Gender Lens" co-organized by ASMEPPS (Association of Science and Mathematics Educators of Philippine Private Schools) in April *via* the Zoom Meetings platform—with Ms. Ruby Shaira

- F. Panela and Dr. Mary Barby P. Badayos-Jover as resource persons to 210 participants;
- "Communicating Science through Social Media Posting and Digital Broadcasting" co-organized by ASMEPPS in July at St. Francis of Assisi College-Bacoor Campus—with Ms. Jachin Jane O. Aberilla, Mr. Lanquin Seyer Gacusan, and Mrs. Carmela P. Aguisanda-de Gracia as resource persons to 65 participants;
  - "Virtual Training on Social Media Marketing and Basic Infographics for MSMEs of Agusan del Norte, Agusan del Sur, and Dinagat Islands" co-organized by DOST-Caraga in July *via* the Zoom Meetings platform—with Ms. Jachin Jane O. Aberilla and Mrs. Carmela P. Aguisanda-de Gracia as resource persons to 50 participants;
  - "Art and Science in Science Communication" co-organized by Batangas State University in September *via* the Zoom Meetings platform—with Dr. Ruby Roan Cristobal as the resource person to 34 participants;
  - "#ScienceJournoAko: Popularizing Science Stories" co-organized by PIPAC (Philippine Institute for Pure and Applied Chemistry) in September *via* the Zoom Meetings platform—with Mr. Rodolfo P. de Guzman as the resource person to 54 participants; and
  - "*Ano ang Kwento Mo?* Popular Writing for Every1" conducted for the students of the College of Education's Department of English of the Rizal Technological University (RTU) in October 27 *via* the Google Meet platform—with Mr. Rodolfo P. de Guzman as the resource person to 32 participants.

Overall, the number of press and photo releases plus articles fell by 23% from 183 in 2021 to 141 this year. These were prepared for both external dissemination and internal publication—the latter of which includes the S&T Post, which had four (4) issues published this year. Others included e-newsletters—namely, DOST Digest and *Balitang* RapiDOST each with 12 issues published, an innovative approach to reach more readers using the digital platform.



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 16th *Gandingan* Awards of the UP Community Broadcasters' Society, which was aired *via* its official Facebook page in April. The article, which was published in the magazine's first quarter 2021 issue, bested all entries in the Most Development-oriented Online Feature Article Category—the first in the 40-year history of the magazine.

From 234 in 2021, the number of peer-reviewed articles published in PJS went down slightly by 7% to 218 this year. However, there was a slight uptick in the number of manuscripts received to 347 this year from 336 in 2021. Due to the heavy workload, the average duration of peer review extended by more than half from around 82 days in 2021 to around 122 days this year.

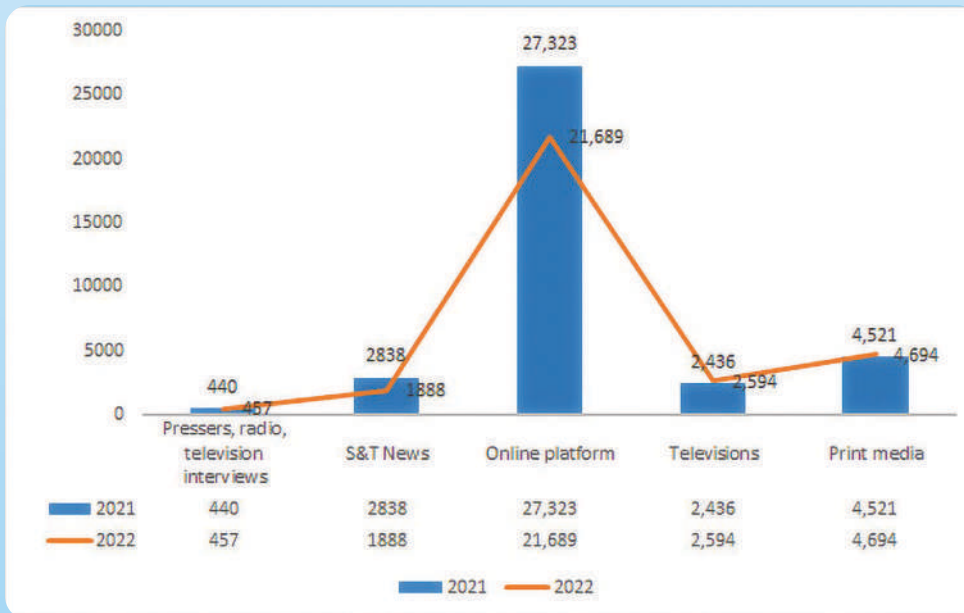
To accommodate the sustained pile-up in manuscripts received and articles published, as in 2021, the number of issues published was kept at seven this year:

- Vol. 151 No. 1 (February 2022 Issue),
- Vol. 151 No. 2 (April 2022 Issue),
- Vol. 151 No. 3 (June 2022 Issue),
- Vol. 151 No. S1 (Special Issue on Philippine Marine Botanical Research),
- Vol. 151 No. 4 (August 2022 Issue),
- Vol. 151 No. 5 (October 2022 Issue), and
- Vol. 151 Nos. 6A and B (December 2022 Issue Parts A and B).

## Media Engagements

This year, the number of pressers, radio and television interviews, plus other media engagements rose by 4% to 457 compared to 440 in 2021. A marked slump in S&T news dissemination was reported this year: 33% *via* radio (from 2,838 to 1,888) and 21% *via* online platform (from 27,323 to 21,689). Nonetheless, gains by 6% *via* television (from 2,436 to 2,594) and 4% *via* print media (from 4,521 to 4,694) were also noted. Amazingly, however, S&T news

### Media Engagements



generated close to PHP 21 billion in media value this year, which was almost PHP 7.2 billion more or 52% higher than nearly PHP 13.81 billion in 2021.

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

1. "DOST-backed mall exhibit series highlights SM Prime's sustainability, DRR journey" with 53 media pick-ups generating PHP 9.17 million in media value;
2. "UP researchers recommend lagundi for COVID-19 patients" with 11 media pick-ups generating PHP 8.68 million in media value; and
3. "DRR experts: science and technology key to addressing disasters, mitigating its effects in Asia-Pacific" with 12 media pick-ups generating PHP 7.16 million in media value.

Among those representing the DOST as spokespersons, the former Secretary Fortunato T. de la Peña held a 36% share in media exposure this year, which was a decline by 30 percentage points from 66% in 2021. The new Secretary, Dr. Renato U. Solidum Jr., having been appointed by President Ferdinand "Bongbong" Marcos Jr. in August, saw his share more than quadruple from 13% in 2021 to 57% this year in review. The former Undersecretary for Research and Development Dr. Rowena Cristina L. Guevara maintained the third spot with a 7% share, although this was 13 percentage points lower from 20% in 2021.

An 89% rise was noted in the use of the #ScienceForThePeople hashtag: from 4,520 in 2021 to 8,551 this year. As for the new #OneDOST4U hashtag attributed to the new administration, the figure was 3,950 this year.

As with the previous years, a year-end thanksgiving activity was conducted with media practitioners in December this year, thereby gaining enough public relations mileage for the Institute, as well as for the DOST in general.

## DOSTv: Science for the People

DOSTv attracted over 47.48 million more visits to its Facebook page, which grew from 255,039,277 in 2021 to 302,521,939 this year. But as the number of aired episodes fell by 29% (from 357 to 253), naturally, the corresponding number of views dipped by 25% (from 3,055,856 to 2,296,461), as expected. Despite these, the total and organic audience reach increased by 8% (from 8,406,055 to 9,074,611) and 23% (from 76,250,429 to 93,820,165), respectively.

More or less, the weekly DOST Report program had the same number of episodes aired at 51 this year *versus* 52 in 2021. Surprisingly, compared to 2021, the program heaved massive gains in terms of views by 150% (from 593,323 to 1,485,716), engagements by 42% (from 149,757 to 213,303), and audience reach by 18% (from 2,625,277 to 3,090,513).

As in 2021, ExperTalk Online has 52 episodes aired this year, but its recent performance is far from the same. In fact, the program enjoyed 730% higher views (from 197,580 to 1,640,647), 431% greater audience reach (from 531,286 to 2,818,873), and 129% more engagements (from 18,973 to 43,419).

As testaments to its pursuit of excellence, six trophies were hauled in by DOSTv in various categories at the 16th *Gandingan* Awards of the UP Community Broadcasters' Society:

- *Gandingan ng Kaunlaran*: Most Development-oriented Radio/TV/Online Platform,
- Most Development-oriented Online Video (*Sinesiyensya*: Zampen – Story about New Life),
- Most Development-oriented Women's Program (ExperTalk Online: Centre for Sustainability PH),
- Most Development-oriented Livelihood Program (ExperTalk Online: Made in the



Jiego Reyes  
Co-host, Siyensikat

Onin Miranda  
Co-host, DOST Report

Dr. Renato U. Solidum, Jr.  
DOST Secretary

Gel Miranda  
Host, ExperTalk/Bantay Bulkan



Programs





Philippines Products Week),

- Most Development-oriented Science and Technology Program (DOST Report Episode 48: DOST Drug Discovery in the New Normal), and
- *Gandingan ng Agham at Teknolohiya: Special Citation* (DOST Secretary Fortunato T. de la Peña).

## S&T Awareness

The Social Weather Station year-end survey involving a combined 1,200 Filipino adults based in Metro Manila, Luzon, Visayas, and Mindanao reflected the level of public awareness on S&T at 47%, a surge of 23 percentage points from 24% in 2021.

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

- S&T scholarship program with 23%,
- STARBOOKS (Science and Technology Academic and Research-Based Openly-

Operated Kiosks) with 3%, and

- IPRAP (Intellectual Property Rights Assistance Program (IPRAP) with 2%.

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

- ADMATEL (Advanced Device and Materials Testing Laboratory) with 11%,
- CEST (Community Empowerment thru Science and Technology) with 9%,
- eNutribun (Enhanced Nutribun) with 9%, and
- SETUP (Small Enterprise Technology Upgrading Program) with 4%.

The top DOST programs against COVID-19 this year were as follows:

- VCO (virgin coconut oil) with 46%,
- *tawa-tawa* with 43%,
- *lagundi* with 36%, and
- mix-and-match vaccine with 34%.

From +34 in 2021, the net satisfaction rating of the DOST climbed by 21 percentage points to +55 this year.

## AV Services

For audiovisual (AV) services, the number of requests formally received more than doubled to 356 this year from 153 in 2021, as pandemic protocols began to ease up in 2022. Among those requested were 32 video edits; 125 photo coverages; 106 video coverages; 57 AV technical setups for CCTV and audio-video; 15 photo shoots; 14 video shoots; five (5) written scripts; one (1) AV production in script-to-screen, pre- and post-production, or slideshow presentation form; and one (1) clean-cut video reproduction.

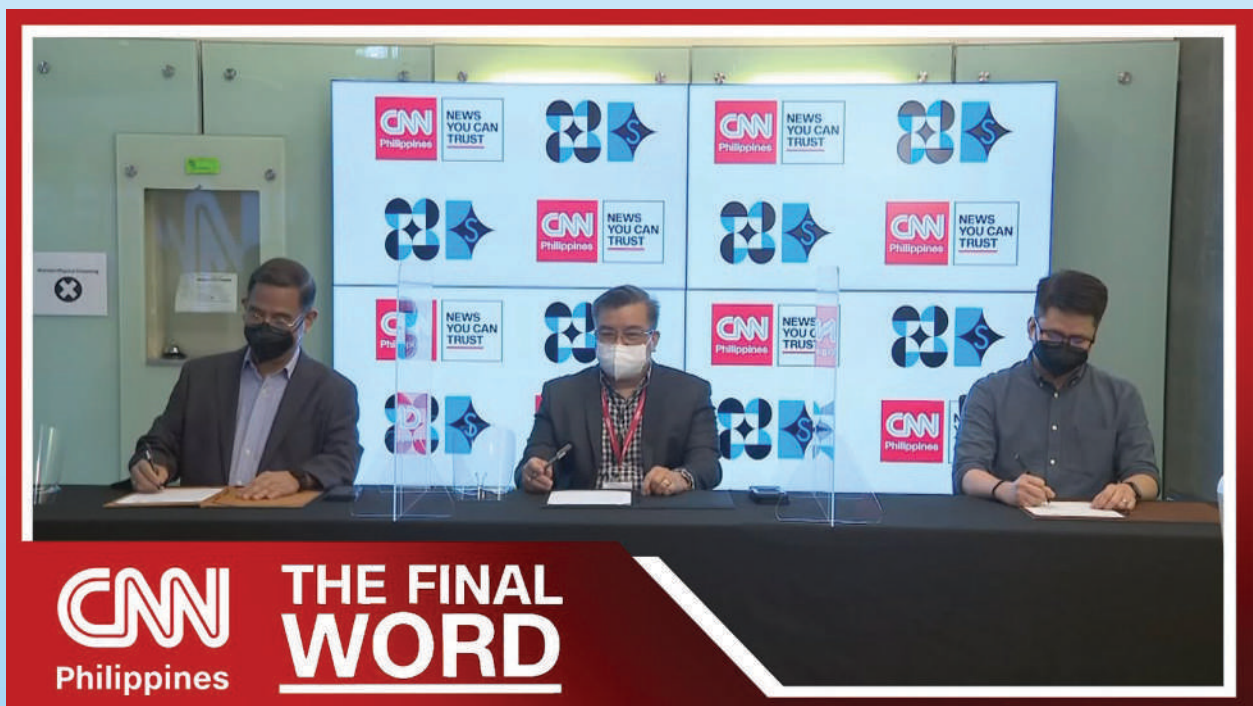
Not to be outdone, the number of AV services actually delivered this year was 488—a 35% rise from 361 in 2021. This was way above the 356 requests formally received this year, thus placing the accomplishment rate at around 137%. Among those delivered were 155 video edits; 126 photo

coverages; 107 video coverages; 37 AV technical setups for CCTV and audio-video; 18 photo shoots; 15 video shoots; five (5) written scripts; one (1) AV production in script-to-screen, pre- and post-production, or slideshow presentation form; and one (1) clean-cut video reproduction.

Of the 125 feedback forms retrieved from clients this year, 90 (72%) had a modal rating of "5" or "very satisfied," whereas the rest (28%) had no rating indicated.

## Partnerships and Collaborations

This year, the DOST-STII forged partnerships with 16 private and public sector stakeholders—namely, ASMEPPS, PIPAC, CNN Philippines, EdukSine, DOST-Caraga, Rizal Technological University, Association of Special Libraries of the Philippines, Bulacan State University, University of Perpetual Help System Laguna, ABS-CBN Lingkod Kapamilya Foundation, Inc., DOST-ASTI, Indang Cavite Highlands 10, Lions Club, Turkish







Cooperation and Coordination Agency, Kaisipan, Inc., and Pagbilao Energy Corporation, Pagbilao Quezon LGU.

ASMEPPS, PIPAC, DOST-Caraga, and RTU served as co-organizers of the Science Journo *Ako* sessions conducted this year.

PIA, PNA, and RPI benefited from science, technology, and innovation contents in the form of press releases—as well as from interview arrangements through connections with various DOST agencies.

The Manila Times agreed to cross-post the broadcasts of DOSTv segments on their official Facebook account, thereby increasing the reach of DOSTv programs. To seal the partnership, a formal memorandum of agreement was initially scheduled during the year in review; however, it was moved for the next year due to conflict of schedules of principal signatories.

CNN Philippines partnered to produce an S&T

segment on their program—The Final Word anchored by seasoned broadcaster, Rico Hizon. CNN Philippines also offered a discounted airing cost for *ExperTalk*.

Outcomm Media Inc. provided a buy-1-get-3 LED spot for DOSTv and NSTW.

EdukSine, a private film advocacy company, is poised to create a free web page on its website as an additional platform for DOSTv programs (*Siyensikat* and *Sinesiyensya*), as a result of a formal agreement inked to collaborate and promote science, technology, and innovation through then use of visual communication.

## Monitoring Data

The matrices from which the aforementioned data were derived can be accessed through this online drive link: <https://bit.ly/3ZRBx2U>

Table. Media engagement monitoring tool.

Section	Success indicator	Output			
		CY 2022	CY 2021	Growth	Variance
CDES (regular)	Social media posts	4,725	4,621	2%	+104
	Social media reach	29,736,592	30,053,325	-1%	-316,733
	Social media engagements	31,441,980	50,434,344	-38%	-18,992,364
	Communication or publicity campaigns	5	4	25%	+1
	Press and photo releases plus articles	141	183	-23%	-42
	S&T Post issues	4	4	0%	+0
	DOST Digest issues (printed)	0	12	-100%	-12
	DOST Digest issues (e-newsletter)	12	15	-20%	-3
	Balitang RapiDOST issues (printed)	0	12	-100%	-12
	Balitang RapiDOST issues (e-newsletter)	12	7	71%	+5
	Events and training	5	6	-17%	-1
	Collaborations and partnerships	6			

**Remarks (numerical breakdown, specific details, etc.)**

Decrease in reach & engagements may be attributed to the lack of designated social media staff to maintain the socmed pages starting October 2022. the remaining staff at CDES-CRPD divided the socmed tasks among themselves on top of their regular load & preparation of the face-to-face conduct of NSTW 2022

Conducted five (5) campaign activities within the year representing 20% higher than target of 4:  
 1. press release on Oras Pinas produced and disseminated,  
 2. conceptualized/produced tagline & content calendar for Oras Pinas,  
 3. produced social media posts on Oras Pinas,  
 4. produced teaser Ad on Oras Pinas, and  
 5. produced full thematic AVP on Oras Pinas

Decrease in produced PRs may be attributed to the lack of full time writers at CDES-CRPD, however, semestral target of 66 PRs produced maintains to be met, if not exceeded, in 2022

4Q 2021 and 1Q-3Q 2022 issues

Printing of newsletters was discontinued in 2022

Only 1 issue of Digest was targeted to be produced per month starting July 2021

Printing of newsletters was discontinued in 2022

E-newsletters began in May 2021, hence the 7 issues produced that year

[CY 2022] 6 Science Journo Ako sessions:  
 1. "Enhancing Science Communication Skills with Gender Lens" co-organized by ASMEPPS (Association of Science and Mathematics Educators of Philippine Private Schools) in April via the Zoom Meetings platform—with Ms. Ruby Shaira F. Panela and Dr. Mary Barby P. Badayos-Jover as resource persons to 210 participants;  
 2. "Communicating Science through Social Media Posting and Digital Broadcasting" co-organized by ASMEPPS in July at St. Francis of Assisi College-Bacoor Campus—with Ms. Jachin Jane O. Aberilla, Mr. Lanquin Seyer Gacusan, and Mrs. Carmela P. Aguisanda-de Gracia as resource persons to 65 participants;  
 3. "Virtual Training on Social Media Marketing and Basic Infographics for MSMEs of Agusan del Norte, Agusan del Sur, and Dinagat Islands" co-organized by DOST-Caraga in July via the Zoom Meetings platform—with Ms. Jachin Jane O. Aberilla and Mrs. Carmela P. Aguisanda-de Gracia as resource persons to 50 participants;  
 4. "Art and Science in Science Communication" co-organized by Batangas State University in September via the Zoom Meetings platform—with Dr. Ruby Roan Cristobal as the resource person to 34 participants;  
 5. "#ScienceJournoAko: Popularizing Science Stories" co-organized by PIPAC (Philippine Institute for Pure and Applied Chemistry) in September via the Zoom Meetings platform—with Mr. Rodolfo P. de Guzman as the resource person to 54 participants; and  
 6. "Ano ang Kwento Mo? Popular Writing for Every1" conducted for the students of the College of Education's Department of English of the Rizal Technological University (RTU) in October via the Google Meet platform.

[CY 2022] Sealed partnership MOAs with:  
 1. ASMEPPS,  
 2. PIPAC,  
 3. CNN Phils.,

## Table Cont.

Table. Media engagement monitoring tool.						
Section	Success indicator	Output				
		CY 2022	CY 2021	Growth	Variance	
	Collaborations and partnerships					
CDES (NSTW)	Social media posts	152	509	-70%	-357	
	Social media reach (posts)	1,613,760	1,567,998	3%	+45,762	
	Social media reach (webinars)	712,657	134,043	432%	+578,614	
	Social media reach (Facebook, total)		1,567,998			
	Social media engagements (Facebook, total)	2,326,750	4,387,357	-47%	-2,060,607	
	Social media engagements (webinars)		31,740			
	Social media views (TikTok, influencers)		414,538			
	Social media engagements (TikTok, influencers)		424,882			
	Podcast episodes plays (Podcasters, influencers)		202			
	Social media views (TikTok, #202INSTW)		568,500			
	Social media views (TikTok, #DOSTTugonSaHamon)		557,000			
	Social media views (TikTok, #ScienceforthePeople)		3,500,000			
	Website views (NSTW website)	15,767	14,698	7%	+1,069	
	DOSTv special episodes		6			
	Press releases prepared	13	82	-84%	-69	
	Articles uploaded (NSTW website)		82			
	Articles uploaded (DOST app)		82			
	Videos uploaded (DOST app)		21			
PJS	Peer-reviewed articles published	218	234	-7%	-16	
	Raw manuscripts received	347	336	3%	+11	
	Average review duration (days)	122	82	49%	+40	
	Regular issues	6	6	0%	+0	
	Special issues	1	1	0%	+0	
	Collaborations and partnerships	1	1	0%	+0	

**Remarks (numerical breakdown, specific details, etc.)**

- 4. EdukSine,
- 5. DOST-Caraga, and
- 6. Rizal Technological University

Increase in total manuscripts received from 336 in CY 2021 to 347 in CY 2022; increase in average review duration from around 82 days in CY 2021 to around 122 days in CY 2022

🗨️ This year, the DOST-STII forged partnerships with 16 private and public sector stakeholders—namely, ASMEPPS, PIPAC, CNN Philippines, EdukSine, DOST-Caraga, Rizal Technological University, Association of Special Libraries of the Philippines, Bulacan State University, University of Perpetual Help System Laguna, ABS-CBN Lingkod Kapamilya Foundation, Inc., DOST-ASTI, Indang Cavite Highlands 10, Lions Club, Turkish Cooperation and Coordination Agency, Kaisipan, Inc., and Pagbilao Energy Corporation, Pagbilao Quezon LGU.

**Rodolfo P. de Guzman**  
Senior Science Research Specialist,  
Officer-in-Charge, CRPD



**RODOLFO P. DE GUZMAN**  
Senior Science Research Specialist and  
Officer-in-Charge, CRPD



**NORLY B. VILLAR**  
(June 22, 2020 to July 29, 2022)  
Chief Science Research Specialist



## COMMUNICATION RESOURCES AND PRODUCTION DIVISION

### **Bryan Ray I. Torres**

Printing Machine Operator II

### **Jerossa J. Dizon**

Science Research Analyst

### **CONTENT DEVELOPMENT AND EDITORIAL**

#### **Rodolfo P. de Guzman**

Senior Science Research Specialist

#### **Joy M. Lazcano**

Information Officer III

#### **Allyster A. Endozo**

Information Officer III

#### **Jachin Jane O. Aberilla**

Information Officer III

#### **Allan Mauro V. Marfal**

Information Officer III

#### **Jasmin Joyce P. Sevilla**

Information Officer III

#### **Lanquin Seyer R. Gacusan**

Information Officer I

### **Rizal Project**

#### **Jil Danielle M. Caro**

Information Officer II

#### **Mark Lavien R. Inocencio**

Information Officer I

### **DEVELOPMENT SUPPORT**

#### **Geraldine B. Ducusin**

Supervising Science Research Specialist

### **PUBLIC AFFAIRS**

#### **Ma. Lilibeth P. Padilla**

Information Officer III

#### **Karene E. Ramirez**

Printing Machine Operator II

#### **Rosemarie C. Señora**

Science Research Analyst

### **AUDIO VISUAL and PHOTOGRAPHY SERVICES**

#### **Henry A. de Leon**

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

### **CREATIVE SERVICES AND DESIGN**

#### **Benedict P. Cagaanan**

Supervising Science Research Specialist

#### **James B. Intia**

Science Research Specialist II

#### **Mario B. Buarao Jr.**

Science Research Specialist II

#### **Ferdinand D. Cartas**

Printing Machine Operator II

### **DOSTv Team**

#### **Mona Carina E. Montevirgen**

Supervising Science Research Specialist

#### **Gelmi Liberty M. Miranda**

Information Officer III

#### **Resty R. Balila**

Information Officer III

#### **Carmela P. Aguisanda**

Information Officer II

#### **Dessa D. Maderal**

Information Officer II

#### **Antonio R. Capinpin III**

Information Officer II

#### **Xyrus Ivan B. de Gracia**

Information Officer I

#### **Esther Keziah M. Rapas**

Information Officer I

#### **Lady Diane Alvarez Bustamante**

Information Officer II

#### **Zhairyn A. Bengwayan**

Science Research Analyst

#### **Enrico C. Matue**

Science Research Analyst

#### **Ralph Ernest R. Samson**

Science Research Analyst

#### **Michael Joe Limpin Gerona**

Administrative Assistant II

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**The DOST-STII has maintained an exceptional financial performance in 2022. As of 31 December 2022, the Obligation Budget Utilization Rate is 97.45%, while the Disbursement Budget Utilization Rate is 88.39%.**

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## Outstanding financial performance through the years

The DOST-STII has maintained an exceptional financial performance in 2022. As of 31 December 2022, the Obligation Budget Utilization Rate, which is the percentage of obligations over the total allotment is 97.45% (P113,202,147.46 / P116,164,965.10), while the Disbursement Budget Utilization Rate, which is the percentage of disbursement (current year and continuing appropriations) over obligations is 88.39% (P100,060,607.53/P113,202,147.46). The disbursement rate over Notice of Cash Allocation (NCA) is 97.10% (P110,119,174.54/P113,741,984.26) which is the total disbursement for the year over the total NCA released. The difference is due to the non-release of NCA to settle due and demandable obligations, especially the prior year's Accounts Payable, which has zero NCA release and was paid using current year allocations. Other obligated items were not yet delivered/fulfilled by the suppliers, leaving total Accounts Payable amounting to P13,058,516.74.

## ISO 9001:2015 Recertification

Another gain under the Quality Management System (QMS) of the 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 10 November 2022, where the management system is observed to be fully effective and fulfills the requirements of the applied standard(s) with no non-conformities identified and four (4) strengths recognized, to wit, 1.) Competency and Awareness - Highly commendable that the HR team is in progress in the Enhancement of the Competency Framework on linking with the functional objectives and IPCR. 2.) Top Management; Management Review - Very commendable on the innovations, that the organization is adapting digital platforms on the

processes and services provided to their clients. 3.) The Top Management is highly commendable on the full support and commitment to the effectiveness of the management system and 4.) FAD - Finance - Automated Finance working templates (excel) - minimizing human errors, avoiding reworks, ensuring the accuracy of reports, and saving time in the processing of payment.

The DOST-STII was first certified in 2018, recertified last 2021, and passed the required annual surveillance audit for 2022.

## Highest audit rating from COA

For the third time, the Agency received an Unqualified Opinion for the agency's audited financial statement as of 31 December 2021 based on the Annual Audit Reports (AAR) released by the Commission on Audit on 05 April 2022. This is the highest audit rating given by the Commission to an agency that certifies the financial statements submitted as fairly presented, in all material respects based on the audit evidence obtained, in accordance with the International Public Sector Accounting Standards (IPSAS).

## 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, 2022, DOST-STII was able to fully implement 9 out of 14 or 64% of non-PPE-related

Audit Recommendations of the Commission on Audit for the year 2021.

## Compliance with the Freedom of Information Act

The DOST-STII remains 100% compliant with the Freedom of Information (FOI) Program. Agency Information Inventory, 2022 FOI Registry, and 2022 FOI Summary Report were updated, accordingly. The institute's dashboard has already been linked in the electronic FOI (eFOI) portal ([www.foi.gov.ph](http://www.foi.gov.ph)) as required by the Presidential Communications Operations Office (PCOO).

## Building the future of DOST-STII through the next gen of leaders

Leadership development has brought various positive benefits to DOST-STII. Division managers and section supervisors were continuously capacitated since 2017 to ensure they lead their respective team effectively.

This year, the DOST-STII shifted its focus to employees who are considered next-in-rank of supervisory positions and have the potential to be the institute's future leaders. A total of 15 employees were carefully screened by the Succession Development Committee, and selected to attend the four-day training on Basic Leadership Development Program (BLDP) that runs from September 12 – 15, 2022. The goal is to strengthen the DOST-STII leadership pipeline who will achieve its vision in years to come.

The BLDP was conducted face-to-face at the Acacia Hotel. Activities were slightly modified to optimize the use of technology and to manage group interaction. It was facilitated by Dr. Mary Margaret Que (Days 1 and 2) and Mr. Denver Bingski Daradar (Days 3 and 4) of ExeQ Consulting Service.

Overall, the program received a rating of 4.78 over 5. The participants expressed gratitude and satisfaction for learning the different roles of a leader.





## Increasing competencies for better work performance

Learning is an endless process. By learning, we grow personally and professionally. Our growth has a substantial effect in organizational performance, hence, the desire to gain or upgrade one's knowledge of or skill through training or experience should be constantly sought.

In DOST-STII, capacity and capability building are strongly supported by the management because they believe that the most important resource of the institute is the human resource.

For 2022, qualified employees were sent to various external training programs and webinars, which corresponds to the competency

requirements of the job they hold. Meanwhile, two in-house training programs were conducted in partnership with the divisions-in-charge.

Last 7-8 September 2022, Mr. Ivan Burcer of BizCore facilitated the training titled, "Business Correspondences That Work". The purpose of this training was to improve the business writing skills of employees and contract of service staff. A total of 40 were in attendance.

The second training facilitated by Mr. Burcer was the Training on Presentation Skills: Powerful Professional Presentations, which was held on 24 October and 3 November 2022. This training intended to build the oral presentation skill of employees to make it more compelling and effective. Thirty four (34) participants benefited from this activity.

## Rewards and recognition: celebrating employees' excellence and milestones

On 11 January 2022, the revised DOST-STII Program on Awards and Incentives for Service Excellence (PRAISE) was approved by the Civil Service Commission – National Capital Region. Among the changes in the Program are the inclusion of new awards—Retirement Award, Gantimpala-Agad Award, Achievement Award, 5S Compliance Award, Innovation Award and “U” Make a Difference Award—and the revision of the categories for the Directors Award.

As such, for the fifth year of implementation of the DOST-STII PRAISE, four (4) employees were conferred with Director’s Award for their notable performance and behavior for CY 2021, six (6) were recognized as Director’s Award nominees, six (6) were presented with the Loyalty Award, and one (1) was given the Retirement Award. Additionally, eight (8) teams and ten (10) individuals were commended for their dedication to duty, for performing duties on top of their official functions and for rising above the challenges in the middle of the pandemic.

Four (4) teams were also commended for their best practices that were lauded by the external auditors during the last ISO Recertification Audit, ten (10) were presented with the “U” Make a Difference Award, five (5) were given the Innovation Award, and three (3) were granted with the Achievement Award.

The “Strongest Link Award” was given to two (2) DOST-STII exemplars to recognize their outstanding and significant contributions to the Institute. The Award consists of a gold chain procured by the Director himself and conferred as a highlight of the PRAISE Awards Ceremony.

Last 24 February 2022, the exemplars and loyalty awardees were recognized with a Plaque of Recognition/Certificate and/or modest cash award during the 35th DOST-STII Anniversary which was held at Sofitel Philippine Plaza Manila. The ceremony was graced by various partners and stakeholders, was also publicized via Zoom and Facebook livestream, and was watched by almost 1,600 viewers.

### 2021 DOST-STII PRAISE awardees (Awarded on CY 2022)

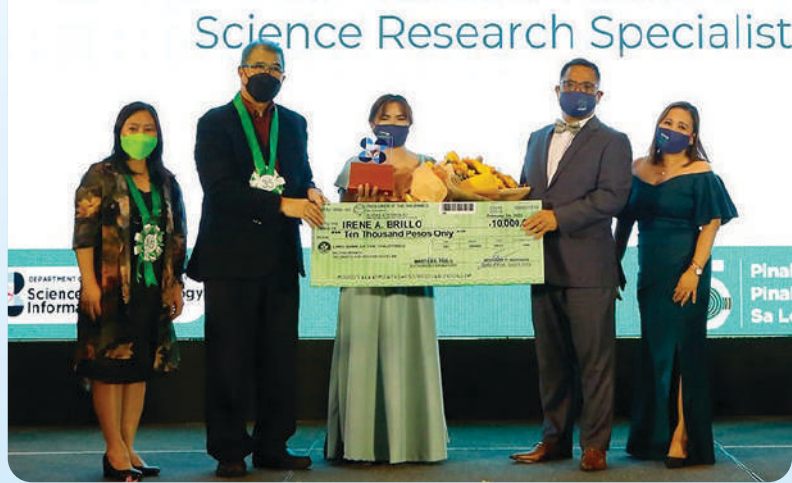
#### Director's Award

No.	Category	Awardee	Position Title
1	Director's Award (Outstanding Junior Support Staff)	Ma. Rachel Diana S. Mesias	Administrative Aide IV
2	Director's Award (Outstanding Senior Support Staff)	Jona M. Bernal	Administrative Officer V
3	Director's Award (Outstanding Junior Technical Staff)	Irene A. Brillo	Science Research Specialist II
4	Director's Award (Outstanding Senior Technical Staff)	Rodolfo P. de Guzman	Senior Science Research Specialist

**Rodolfo P. de Guzman**  
Senior Science Research Specialist



**Irene A. Brillo**  
Science Research Specialist



**Jona M. Bernal**  
Administrative Officer V



**Ma. Rachel Diana S. Mesias**  
Administrative Aide IV



### Loyalty Award

No.	Name	Position Title	Years in Service
1	Lloyd Frederick R. Mandapat	Science Research Specialist II	10 years in service
2	Jaqueline C. Ballesteros	Administrative Officer V	10 years in service
3	Nelly A. Ngangay	Science Research Specialist II	10 years in service
4	Arlene C. Celestino	Printing Machine Operator II	25 years in service
5	Jessica T. Barrientos	Science Research Specialist II	30 years in service
6	Ma. Lilibeth P. Padilla	Information Officer III	30 years in service

## Retirement Award

No.	Name	Position Title
1	Arlene C. Celestino	Printing Machine Operator II

## Commendations

No.	Name of Individual/Team
1	Audio-Visual Section Coverage Team Henry A. De Leon, Teddy R. Amante, Gerardo C. De Jesus, Gerardo G. Palad
2	COVID-19 Infection Monitoring Team Arlene E. Centeno, Ma. Kristine B. Reyes, Lady Shayne M. Yap, Florentino R. Garcia III
3	DOST-STII Security Guards and Janitorial Staff Alexander M. Argueza, Alvin Mendoza, Meriam A. Palacio, Anita P. Edaniol, Rotillo C. Ursua, Conrado F. Lagrama, Roman S. Mamaril Jr., Cecilia M. Nadera, Jackson M. Soriano, Allan S. Am-is
4	OLLP/LIS Team Lynderlitte M. Maglaque, Arjay C. Escondo, Irene A. Brillo, Louisa Marie C. Marquez, Elmer B. Generalao, Reiner M. Zagada, Mark Jayson U. Sison
5	InfoSerbilis Team Jonathan D. Abalon, Khasian Eunice M. Romulo, Louella L. Pestaño
6	IT Tech Support Team Alfon B. Narquita, Lloyd Frederick R. Mandapat, Reiner M. Zagada, Mark Jayson U. Sison
7	OSH Committee Arlene E. Centeno, Alan C. Taule, Ma. Kristine B. Reyes, Allyster A. Endozo, Arjay C. Escondo, Philip S. Tumbali, Lady Shayne M. Yap
8	STARBOOKS Team Marievic V. Narquita, Allyana A. Almonte, Dandee Florence B. Manggao, Cindy B. Tawali, Angel C. Prado, Reynaldo C. Morales Jr., McGyver C. Basaya
9	Arlene E. Centeno
10	Lynderlitte M. Maglaque
11	Benila B. Buemia
12	Jean Marie C. Errasquin
13	Manuel F. Mendoza
14	Philip S. Tumbali
15	Precious Gayle Arielle C. Balgua
16	Resty R. Balila
17	Riza C. Francia
18	Ryann P. Gapi

## Commendations (ISO Best Practice)

No.	Name of Individual/Team
1	Finance Team Ma. Aurora Fe L. Dayangco, Jaqueline C. Ballesteros, Marites B. Pablo, Jean B. Arabes, Benila B. Buemica, Hannah T. Barrientos, Maria L. Ardieta, Manuel F. Mendoza, Wenie P. Montes, Hadassa F. Sengco
2	Human Resource Section Ma. Kristine B. Reyes, Jose Herminio D. Sandoval, Ma. Bernadette C. Medrano, Precious Gayle Arielle C. Balgua, Lady Shayne M. Yap, Ryann P. Gapi
3	PJS Team Allyster A. Endozo and David Matthew C. Gopilan
4	STII Management Richard P. Burgos, Arlene E. Centeno, Alan C. Taule, Norly B. Villar

## “U” Make A Difference Award

No.	Name of Individual/Team
1	Alan C. Taule
2	Elmer B. Generalao
3	Henry A. De Leon
4	Humphrey C. Lebrilla
5	Jonathan D. Abalon
6	Louisa Marie C. Marquez
7	Ma. Lotuslei P. Dimagiba
8	Mary Margaret C. Duremdes
9	Ronna Mae T. Pamilacan
10	Ma. Teresa M. Rosqueta

## Innovation Award

No.	Name of Individual/Team
1	Elmer B. Generalao
2	Jachin Jane O. Aberilla & Lanquin Seyer R. Gacusan
3	Ma. Bernadette C. Medrano
4	McGyver C. Basaya

## Strongest Link Award

No.	Name of Individual/Team
1	Ma. Kristine B. Reyes
2	Ma. Lotuslei P. Dimagiba

## Achievement Award

No.	Name of Individual/Team
1	Allyster A. Endozo
2	<b>STARBOOKS Team</b> Marievic V. Narquita, Allyana A. Almonte, Dandee Florence B. Manggao, Cindy B. Tawali, Angel C. Prado, Reynaldo C. Morales Jr., Legee Boy G. Valmoria
3	<b>Human Resource Section</b> Ma. Kristine B. Reyes, Jose Herminio D. Sandoval, Ma. Bernadette C. Medrano, Wenie P. Montes, Precious Gayle Arielle C. Balgua, Florentino R. Garcia III

## STARBOOKS bagged external recognitions

STARBOOKS has brought another pride to DOST-STII by winning in regional level of the Presidential Lingkod Bayan Award on 30 June 2022, and by securing one of the top fourteen (14) slots from the two hundred nineteen (219) entries for the Government Best Practice Recognition (GBPR) 2022.

The DOST-STII PRAISE Committee recommended the nomination of STARBOOKS, both for the Civil Service Commission – Honor Awards Program and Development Academy of the Philippines’ Government Best Practice Recognition (GBPR).

## Sustaining a safe and healthy workplace

The journey to make the DOST-STII a safe and healthy workplace started in 2020 upon the the issuance of CSC-DOH-DOLE Joint Circular No. 1 series of 2020 was released for adoption of all government agencies. Various policies that solidify the implementation of Occupational Safety and Health in the institute were approved in 2021.

Come 2022, the Occupational Safety and Health (OSH) Committee carried on its duties through conducting the following activities geared towards improving and maintaining healthy workforce:

1. HIV-AIDS and Hepatitis B Awareness Program  
04 May 2022

As part of the agency’s compliance to Department of Labor and Employment Advisory No. 05, Series of 2010 (Guidelines for the Implementation of a Workplace Policy and Program on Hepatitis B) and Republic Act No. 8504 (Philippine AIDS Prevention and Control Act of 1998), this activity was held in an aim to raise



awareness on the diagnosis, treatment and prevention of hepatitis B and HIV/AIDS in the workplace.

The first part was the seminar attended by 67 employees. Ms. Anya Malapit, an HIV Counselor, Case Manager and Phlebotomist of Taguig Social Hygiene Clinic and Drop-in Center served as the resource speaker.

This was followed by a Screening Test and Counseling, which were free of charge. Results were released directly to the employees.

2. Drug-Free Workplace Orientation and Mandatory Random Drug Testing  
14 July 2022

This activity was in support of the government’s campaign against dangerous drugs in compliance with the Dangerous Drugs Board Regulation No. 13 s. 2018 or the “Establishment and Institutionalization of Drug-Free Workplace Policies in All Government Offices,





Including the Conduct of Authorized Drug Testing for Elective Local Officials and Appointive Public Officers and for Other Purposes, and Civil Service Commission Memorandum Circular 13 series of 2017 or the Guidelines in the Mandatory Drug Test for the Public Officials and Employees and for Other Purpose.

Two resource speakers from the Philippine Drug Enforcement Agency (PDEA) National Capital Region Office were sent to deepen the employees understanding on dangerous drugs, Mr. Paulo Victor A. Daculla, Supervising Administrative Officer and Mr. Vlain Alfred M. Canlas, Information Officer III. The activity was attended by 68 employees.

3. Awareness Lecture on Tuberculosis and Anti-Smoking  
21 September 2022

In compliance with the Executive Order No. 187 and Order No. 73-05 of the DOLE instituting a Comprehensive and Unified Policy for TB Control; and with Civil Service Commission (CSC) MC No. 17, s. 2009 (Smoking Prohibition based on 100% Smoke-Free Policy), this activity was initiated. Also, it aimed to increase awareness and knowledge of participants

on Tuberculosis (TB), which can contribute to early case detection, reducing stigma and discrimination. This will also address some of the risk factors associated with the tuberculosis including diabetes and smoking which can contribute to poor tuberculosis treatment results.

The resource speakers of the event were from the City Health Office of the Local Government Unit of Taguig City. Dr. Maria Rosario Bieren, Medical Coordinator for the National Tuberculosis Program talked about Tuberculosis while Dr. Thelma Co, Medial Coordinator for Non-Communicable Disease handled the topic on Smoking. 56 employees have attended the seminar.

4. Mental Health in the Workplace Seminar  
27 October 2022

In pursuit to promote mental health in the workplace, address stigma and discrimination, and provide support to employees who are at risk and/or suffering with mental health conditions, the OSH Committee tapped the City Health Office of the Local Government Unit of Taguig City for the conduct of a seminar to conduct seminar on the

common mental health issues, healthy skills, and lifestyle choices that promotes mental health.

Dr. Wesley A. Quimbo, Psychiatrist of the Taguig City Mental Health Program, graced the activity as a resource speaker. A total of 65 employees were educated on how to keep our psychological health in good shape.

#### 5. COVID-19 Reminders

Because cases of COVID-19 has not totally flattened to zero case a day in the Philippines, Safety Protocols are still installed in the workplace and reminders are persistently given.

### PERSONNEL COMPLEMENT AS OF 31 DECEMBER 2022

#### Permanent

Agency	Age Group	Sex				Total	
		Male		Female		No.	%
		No.	%	No.	%		
DOST-STII	20 years old and below	0	0%	0	0%	0	0%
	21-30 years old	3	5%	13	22%	16	27%
	31-40 years old	8	13%	5	8%	13	22%
	41-50 years old	5	8%	8	13%	13	22%
	51-60 years old	8	13%	7	12%	15	25%
	61 years and over	3	5%	0	0%	3	5%
	Total	27	45%	33	55%	60	100%

#### Contract of Service

Agency	Age Group	Sex				Total	
		Male		Female		No.	%
		No.	%	No.	%		
DOST-STII	20 years old and below	0	0%	0	0%	0	0%
	21-30 years old	3	5%	13	22%	16	27%
	31-40 years old	8	13%	5	8%	13	22%
	41-50 years old	5	8%	8	13%	13	22%
	51-60 years old	8	13%	7	12%	15	25%
	61 years and over	3	5%	0	0%	3	5%
	Total	27	45%	33	55%	60	100%

## New and promoted DOST-STII employees

Name	Position	Assignment	Nature of Appointment
Mark Jayson U. Sison	Science Research Specialist I	IT Unit	Original (New)
Precious Gayle Arielle C. Balgua	Administrative Officer II	FAD - HR	Original (New)
Lady Diane A. Bustamante	Information Officer II	DOSTv	Contractual
Resty R. Balila	Information Officer III	DOSTv	Contractual - Promotion
Abia P. Dycausing	Administrative Assistant I	FAD - Cashier	Original (New)
Karene E. Ramirez	Printing Machine Operator II	CRPD - Public Affairs Section	Original (New)
Jasmin Joyce P. Sevilla	Information Officer III	CRPD - CDES	Promotion
Allan Mauro V. Marfal	Information Officer III	CRPD - CDES	Promotion
Rosemarie C. Señora	Science Research Specialist I	CRPD - CDES	Promotion



Jasmin Joyce P. Sevilla



Allan Mauro V. Marfal



Rosemarie C. Señora



Precious Gayle Arielle C. Balgua



Lady Diane A. Bustamante



Mark Jayson U. Sison



Resty R. Balila



Abiya P. Dycausing



Karene E. Ramirez

## Early procurement activities for FY 2023

The DOST-STII successfully conducted the Early Procurement Activities (EPA) for at least 94.28% of the value of eligible Procurement Projects based on the agency's Indicative Annual Procurement Plan/s consistent with the National Expenditures Plan (NEP) for Fiscal Year 2023, details as follows:

EARLY PROCUREMENT ACTIVITIES FOR FY 2023 NON-CSE ITEMS	ABC	AWARDED CONTRACT
One (1) Lot printing of DOST-STII Publications for FY 2023	1,800,000.00	1,599,000.00
Commissioning of Conduct of DOST S&T Awareness Survey for FY 2023	1,200,000.00	1,200,000.00
Production of "Siyensikat: Pinoy Popular Science Para sa Lahat" Magazine Show for FY 2023	5,500,00.00	3,549,280.00
Production and Promotion of STARBOOKS Campaign in Social Media Platforms for FY 2023	1,200,000.00	824,960.00
Social Media Advertising and Online Marketing for DOSTv Online Platforms for FY 2023	2,000,000.00	1,178,240.00
DOST-STII Various Software Subscription for FY 2023	2,266,175.00	2,266,000.00
Media Monitoring Services for FY 2023	1,100,000.00	reposted
One (1) Lot Venue, Food, and Accommodation for the 11th STARBOOKS Deployment Officers' Assembly for FY 2023	1,075,00.00	845,000.00

## Procurement planning and budgeting workshop

On March 28-29, 2022, the DOST-STII conducted its Procurement Planning and Budgeting Workshop. Dir. Richard P. Burgos gave his opening remarks by emphasizing that government service is a public trust. He also said that the government should be known for transparency and practice integrity in its processes, especially those involved in procurement, and these processes should be aligned with the strategic direction of the agency.

The workshop participants were DOST-STII Division Chiefs, BAC members, BAC -TWG Members, BAC Secretariat, and PPMP Coordinators. To help hone and guide the participants in crafting sound procurement plans, three (3) representatives from Department of Budget and Management (DBM), namely, Mr. Virgilio A. Umpacan Jr, Budget and Management

Specialist II and Resource Speaker on Budget Cycle, Reiñer Subijano, Supervising BMS, and Nikki Quejado, Budget and Management Specialist II, attended and facilitated the event. Also, Mr. Dunn Alfred A. Celestial, Supervising SRS, and a Certified Trainer GPPB, discussed the importance of procurement planning.





## Professionalization of procurement staff and BAC/TWG members



Number of Attendees (BAC/ TWG/ BAC-Secretariat members)	Training/Workshop	Date
2	GPPB Digital Learning Series (DLS-Basic)-Procurement Planning 101	18 April 2022
5	GPPB-DLS-Basic-Philippine Bidding Documents for Infrastructure Projects	25 April 2022
5	Philippine Bidding Documents for consulting Services	25 April 2022
15	GPPB-DLS-Basic-Ethics in Procurement	27 April 2022
3	GPPB-DLS-Basic-Guide on the use of PhilGEPS	27 April 2022
4	GPPB-DLS-Basic-Protest Mechanism and Remedies and Blacklisting Guidelines	29 April 2022
12	GPPB-DLS-Intermediate - Guide in Technical Specifications Writing	10 October 2022
9	GPPB-DLS-Intermediate - Guide in Project Costing	10 October 2022
6	GPPB-DLS-Intermediate - Framework Agreement	11 October 2022
5	GPPB-DLS-Intermediate - APCPI,PMR, IRPP	13 October 2022

The agency has successfully passed the rigid external audit conducted by the DQS Certification Philippines, Inc. on 10 November 2022 where the management system is observed to be fully effective and fulfills the requirements of the applied standard(s) with no nonconformities identified . . .

**Arlene E. Centeno**  
FAD Chief



**ARLENE E. CENTENO**  
Chief Administrative Officer





## FINANCE AND ADMINISTRATIVE DIVISION

### ACCOUNTING SECTION

**Ma. Aurora Fe L. Dayangco**

Accountant III, Section Head

**Jean B. Arabes**

Administrative Officer IV

**Manuel F. Mendoza**

Accountant I

**Wenie P. Montes**

Administrative Officer II

**Hannah T. Barrientos**

Administrative Aide I

### BUDGET SECTION

**Jaqueline C. Ballesteros**

Administrative Officer V

**Benila B. Buemia**

Administrative Officer IV

**Maria L. Ardieta**

Administrative Aide I

### CASHIER SECTION

**Marites B. Pablo**

Administrative Officer V

**Abia P. Dycausing**

Administrative Assistant I

### RECORDS SECTION

**Ma. Teresa M. Rosqueta**

Administrative Officer V

**Jean Marie C. Errasquin**

Administrative Officer I

**Ladislá D. Quindoyos**

Administrative Assistant II

### HUMAN RESOURCE SECTION

**Ma. Kristine B. Reyes**

Administrative Officer V

**Jose Herminio D. Sandoval**

Administrative Officer IV

**Precious Gayle Arielle C. Balgua**

Administrative Officer II

**Julie Ann R. Salillas**

Administrative Officer II

**Jeremaeh R. Legaspi**

Administrative Officer II

**Lady Shane M. Yap**

Nurse I

**Ryann 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

**Ma. Rachel Diana S. Mesias**

Administrative Aide IV

**Avegail T. Canonce**

Administrative Aide IV

**Hadassa F. Sengco**

Administrative Assistant II

**Gerry B. Escalera**

Administrative Assistant I

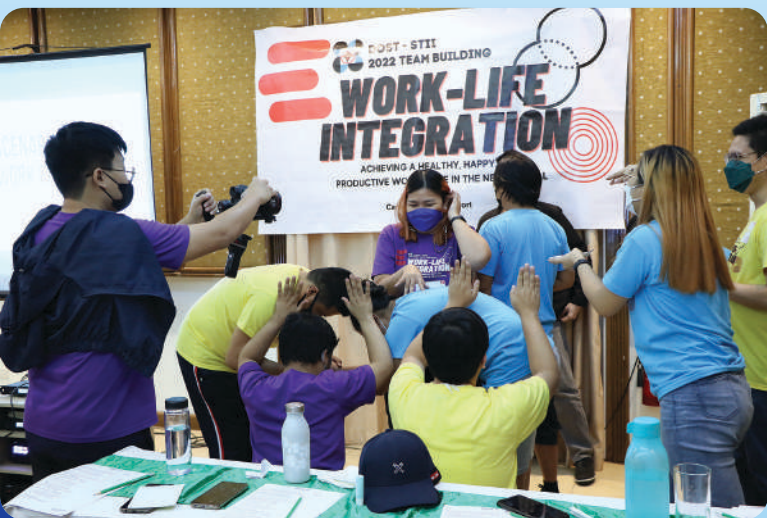
**Humprey C. Lebrilla**

Administrative Assistant I

# DOST-STII at 35th Anniversary



# Work-Life Integration (Team Building)



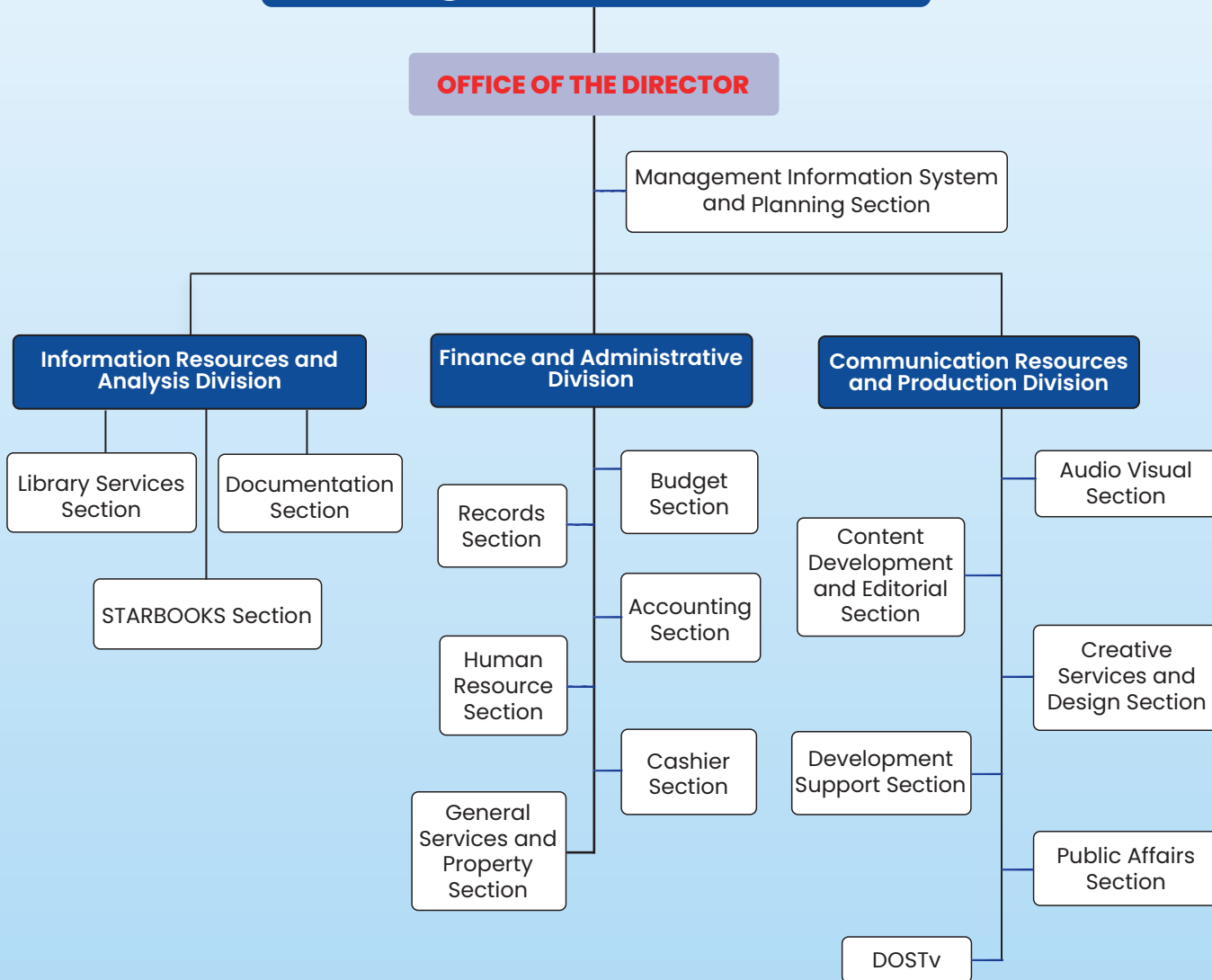
# Gender and Development Activities



## Ikaw ang Star ng Pasko (Year-end Program)



# Organizational Chart



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## EDITORIAL TEAM

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### **Executive Committee**

Richard P. Burgos  
Arlene E. Centeno  
Alan C. Taule  
Rodolfo P. de Guzman

### **Proofreaders**

Jasmin Joyce P. Sevilla  
Allan Mauro V. Marfal

### **Writers**

Louella L. Pestaño  
Allyster A. Endozo  
Ma. Kristine B. Reyes  
Alfon B. Narquita  
Ma. Lotuslei P. Dimagiba

### **Director of Photography**

Henry A. de Leon  
Gerardo C. de Jesus

### **Infographics**

Louella L. Pestaño

### **QR Code**

Alfon B. Narquita

### **Cover Design**

Ronna Mae T. Pamilacan

### **Layout & Production Editor**

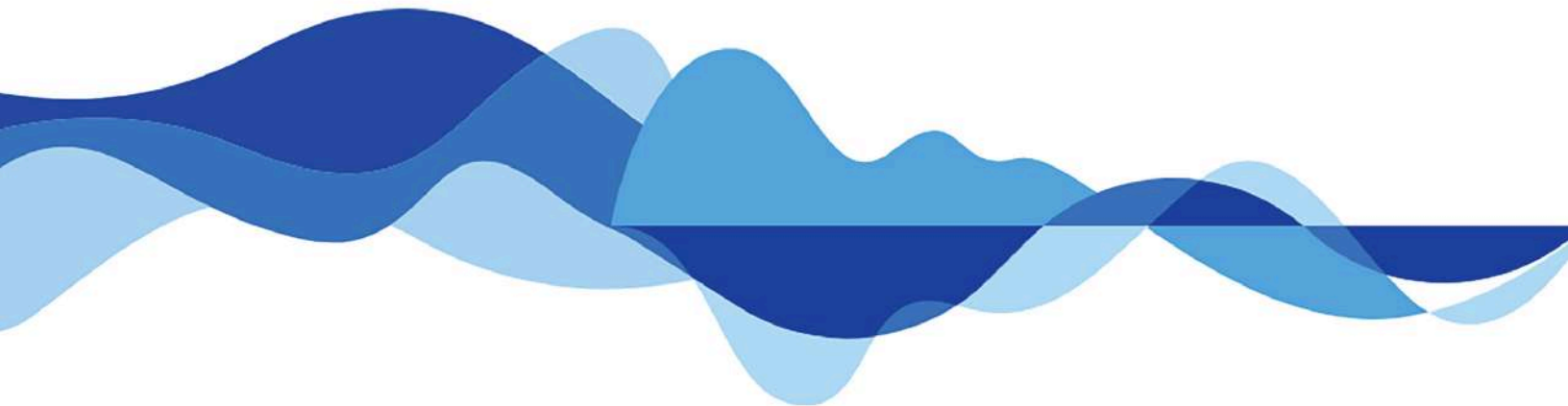
Mario B. Buarao Jr.

### **Printing Coordinator**

Jona M. Bernal

### **Circulation**

Ferdinand D. Cartas



**Department of Science and Technology  
SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE**

DOST Complex, General Santos Avenue  
Bicutan, Taguig City 1631 Philippines

