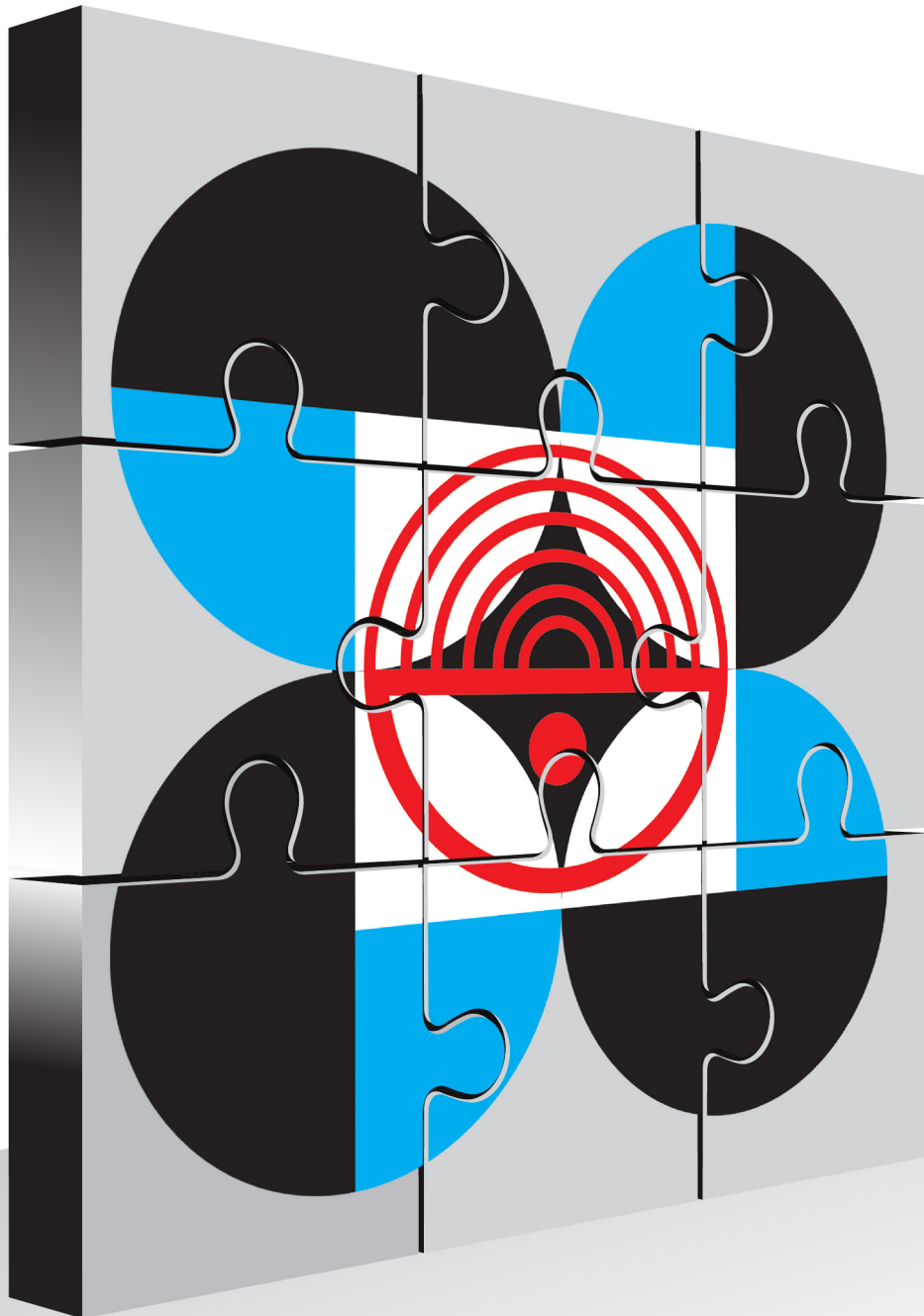


SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE
2019 Performance Report



WINNING AS ONE

ABOUT THE COVER



The cover depicts the DOST-STII logo as a completed puzzle to represent the theme of this Performance Report, which is “Winning as One.” Like puzzle pieces, the various units of DOST-STII worked together as one to achieve goals and deliver the agency’s mission to promote a culture of science, technology, and innovation (STI) to contribute to the nation’s socioeconomic development.

"Winning as One" is the fourth in a series of Performance Report themes that represent the agency's growth and development through the years.

From "Embracing Change" in 2016, when DOST-STII instituted various programs and services to establish a strong foothold in the delivery of STI information, the Institute moved to adopt "Defying Gravity" as the theme in 2017 to represent the bold moves taken by the agency that defied limitations to promote a culture of STI among Filipinos.

In 2018, DOST-STII chose "Expanding Horizons" as its performance report theme to reflect the new engagements and experiences that the Institute explored in the delivery of its core mandates.

In a span of four years, DOST-STII has metamorphosed from an agency that embraced change to unleash its full potentials, to an organization that aimed higher to reach for its goals by “defying gravity” through overcoming limitations. The Institute further transformed to expand its horizons and explore more possibilities to deliver its vision, mission, and mandates to become an organization that gives value to collaboration and to winning as one DOST-STII to bring #ScienceForThePeople.



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 of and appreciation for S&T information. Through its continuing resource sharing activities, S&T popularization 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 accurate, relevant, and timely gender-responsive science, technology, and innovation (STI) information through resource sharing and efficient delivery systems.

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

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

Vision

We are the leading agency and the authority on science, technology, and innovation (STI) information geared toward building a culture of STI to accelerate the nation's socioeconomic 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 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

Demonstrate 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, Innovation (STI) information geared towards building a culture of STI to accelerate the nation's socio-economic development."



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STII




AT A GLANCE

Physical Accomplishment


Science and Technology Information Reference Services

	ACTUAL ACCOMPLISHMENT 2018	2019	PERCENTAGE INCREASE/(DECREASE)
 QUANTITY Number of clients served	2,240,319	1,830,143	(18%)
 QUALITY Percentage of clients who rated the services satisfactory/very satisfactory or better	100%	95.6%	
 CONTENT BUILD-UP S&T information materials scanned (titles/pages)	1,162	2,902	150% increase in titles
	55,924	182,005	225% increase in pages

Science and Technology Promotion Services

	ACTUAL ACCOMPLISHMENT 2018	2019	PERCENTAGE INCREASE/(DECREASE)
 QUANTITY Number of promotion services rendered	1,314	1,123	(4.5%)
 QUALITY Percentage of clients who rated the services satisfactory or better	99.74%	99.74%	
 AWARENESS Percentage of awareness in S&T information	13%	16%	

Utilizing Budget Funds

	ACTUAL ACCOMPLISHMENT 2018	2019	
 Obligation Rate Over Total Allotment	96%	99%	WINNING AS ONE
Disbursement Budget Utilization Rate	87%	94%	

2019 Highlights

Promoting Science and Technology Information through broadcast (DOSTv)



26 episodes
(07 July 2019 pilot airing)



DOSTv received
2019 Anak TV Seal Award



30 aired episodes
(07 July 2019 pilot airing)



DOSTv was nominated as finalist in
Government Best Practice Recognition 2019
by Development Academy of the Philippines

Ladderizing S&T knowledge through STARBOOKS

STARBOOKS, together with DOSTv, is still included in the 2018 National Priority Plan (NPP) of the National Economic and Development Authority which identifies the government's priority, programs, projects, and activities.



STARBOOKS will also share their collected information with full public disclosure and transparency in the public service through partnership with Freedom of Information-Project Management Office (FOI-PMO).

DOST-STII is now
ISO Certified and
PRIMEd



Message of the Secretary

With the ever-evolving media environment, it is difficult for science to be given space and be noticed amidst the clutter of more controversial political or entertainment news. Given this scenario, the Science and Technology Information Institute (STII) was still able to deliver and raise the bar with regard to its mandate of promoting science, technology, and innovation to Filipinos.

As the promotions and marketing arm of the Department of Science and Technology (DOST), STII led the Department to new heights by delivering science stories that can be easily understood through mainstream media channels.

To cite an example, the DOST Secretary was given hosting assignments in two weekly broadcast programs of DOSTv: *Siyensikat: Pinoy Popular Science Para sa Lahat*, which aired over GMA News TV and DOSTv sa Radyo via Radyo Pilipinas 1 at 738 khz.

DOST-STII also maximized its social media presence with posts that were extensively viewed and widely shared—paving the way for more people to know of the different programs and knowledge products that the DOST has to offer.

But more than the number of shows or social media posts, there is still a long way to go to make Filipinos embrace science as a way of life.

It is hoped that the DOST-STII will continue to deliver on its mandate and come up with more innovative ways to communicate science that will help transform people's lives for the better.

Congratulations to DOST-STII for a job well done.



.....
As the promotions and marketing arm of the Department of Science and Technology (DOST), STII led the Department to new heights by delivering science stories that can be easily understood through mainstream media channels.
.....


FORTUNATO T. DE LA PEÑA
Secretary



Message of the Undersecretary

.....
I commend the men and women of DOST-STII for their dedication to bring STI closer to the people. I challenge the team to soar higher and exceed expectations toward building the STI culture that we all envision. Congratulations!
.....

The Science and Technology Information Institute (STII), the information and marketing arm of the Department of Science and Technology (DOST), faces quite a huge challenge on the road to attaining its vision of being “*the leading agency and authority in science, technology, and innovation (STI) information geared towards building a culture of STI to accelerate the nation’s socio-economic development.*” Despite the challenges, including the meager resources available, DOST-STII achieved milestones in 2019 geared toward achieving this vision.

The agency vastly contributed to raising the public’s awareness on science and technology (S&T) from 6 percent awareness level in September 2017 to 16 percent in September 2019, through DOST-STII’s

promotion and advocacy services and activities. As the agency continues to strive to increase awareness on STI, it maximized the potential of mass media and produced programs that positively impact people’s lives like DOSTv in PTV4, DOSTv sa Radyo in RP1, *Agham Para sa Bayan* Teleradyo and Drama programs in DZRH, and *Siyensikat* in GMA News TV.

DOST-STII continues to bridge the gap in S&T education by providing learning opportunities to students in far-flung areas of the country through the installation of the Science and Technology Academic and Research-Based Openly Operated Kiosks Stations (STARBOOKS). The agency also leveled-up the capability of its stakeholders on S&T information resources through the conduct of training programs on library management, digital resource utilization, science journalism, among others.

Recognizing the importance of better service for its clients, DOST-STII worked its way toward improving its operations that earned the agency a certification for Quality Management System (ISO 9001:2015).

Moreover, DOSTv was recognized in the 2019 Anak TV Seal Award for child-safe and family friendly television.

With all these achievements, I commend the men and women of DOST-STII for their dedication to bring STI closer to the people. I challenge the team to soar higher and exceed expectations toward building the STI culture that we all envision. Congratulations!


DR. RENATO U. SOLIDUM JR.
Undersecretary for Scientific
and Technical Services

Message of the Director

Jigsaw puzzles are challenging and loads of fun. It is especially so if you compete with other teams to put together 1,000 puzzle pieces to complete a picture. Without losing sight of the big picture, you must work with your teammates to ensure the pieces quickly find their rightful places. As each piece fits exactly where it belongs, the excitement builds up and the big picture becomes a reality before our very eyes.

We literally did four puzzles in 2019, one for each delivery unit of STII. We realized that, in this competition, it's hard to tell who will win, because by sharing time, talent, insights, hearts, and hands, everyone in the team becomes a winner. We win as one.

Inspired by the 2019 Southeast Asian Games, we chose "Winning as One" to be the theme of our 2019 annual performance report because it echoes our country's successful hosting of the Games and captures how we at the DOST-STII were able to achieve our many accomplishments in the past year.

Topping our list of accomplishments is our successful venture into mainstream television with the production of the weekly program "Siyensikat: Popular Science Para sa Lahat" in GMA News TV. We also strengthened our foothold in broadcasting by producing more compelling content for our homegrown DOSTv and in all our social media platforms. In fact, we produced 129 viral posts on different DOST programs from CRPD and DOSTv; representing 84% increase from 2018's 70 viral posts.

Our hard work paid off with recognition from our stakeholders of our work in DOSTv with another Anak TV Seal for Child-safe and Family-friendly programming; recognition as finalist in the Government Best Practice Recognition 2019 by the Development Academy of the Philippines; and nomination by the Philippine Movie Press Club for Best Magazine Show at the Star Awards for Television.

We produced two seasons of Agham Para sa Bayan Teleradyo program in DZRH, three seasons of Agham Para sa Bayan Radio Drama series also in DZRH, and recently aired in RP1 the weekly DOSTv sa Radyo: Science for the People program.

The Philippine Journal of Science doubled its circulation and produced a special issue focused on genomics.

We systematically monitored more than 16,000 news reports about DOST and the results of our research and development programs in tri-media platforms valued at almost PhP5 billion in advertising value and PhP7.8 billion in PR value.

All these signify our commitment to reach a wider audience and make science more popular. According to the SWS survey, national awareness about science and technology was at 6% in 2017, 13%



in 2018, and hit 16% in 2019, an upward trend that encourages all of us even more.

Also, the Institute searched for a Brand Ambassador for DOST in the person of Chris Tiu, a popular athlete, successful entrepreneur, celebrity endorser, and youthful science advocate.


On the home front, we added a new wing to the library. Our plantilla positions grew 18.5% with ten new approved positions. We instituted several reforms and process improvements in our operations that earned us the certification for ISO 9001:2015 and no non-conformity at the first external evaluation. We received accreditation for all four PRIME HRM processes prescribed by the Civil Service Commission. Lastly, our prudent financial management resulted in the Institute achieving 99% budget utilization.

We achieved all these through the concerted efforts of our hardworking employees, the support of the DOST Executive Committee, and the collaboration of our institutional partners—enabling us to fulfill our promise of communicating Science For The People.

Together as one, we will continue to look beyond expectations and move ahead to 2020 with greater passion and commitment to bring science closer to every Filipino.


RICHARD P. BURGOS
Director

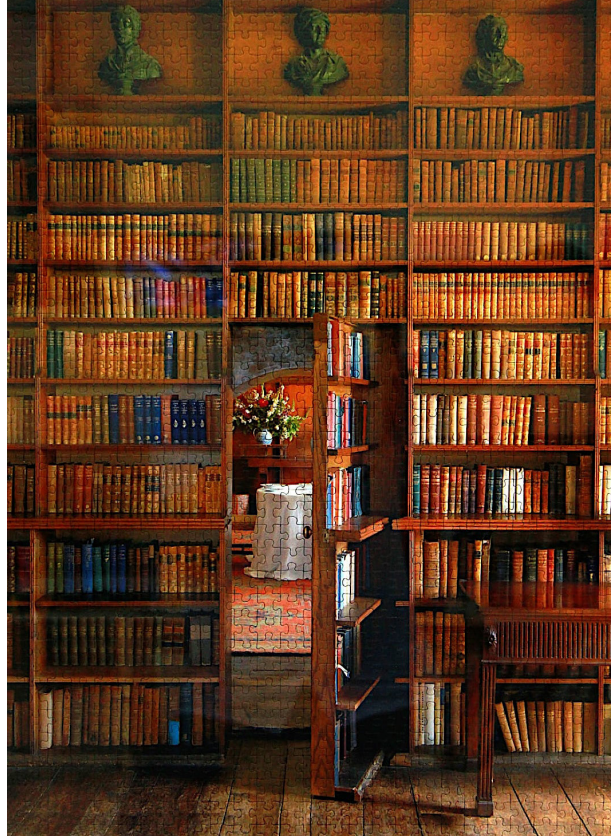
WINNING AS ONE



IFORMATION **R**ESOURCES AND **A**NALYSIS **D**IVISION

With the concerted efforts of IRAD's dedicated and hardworking staff, library services were provided on time and efficiently; library collections were processed, preserved, digitized, and organized; databases were updated; STI information was made readily accessible to everyone; partnerships were formed; and various capability trainings were conducted.





WINNING AS ONE

The Information Resources and Analysis Division's (IRAD) contributions to the achievement of DOST-STII's goals in 2019 were manifested in its strengthened role in providing quality STI resources to its clientele. In its efforts to uphold the DOST-STII's mandate to establish and develop a science and technology (S&T) library, as well as disseminate STI information, IRAD made it possible to make salient STI resources available and contributory to a more comprehensive library collection, digitization, and database management.

With the concerted efforts of IRAD's dedicated and hard-working staff, library services were provided on time and efficiently; library collections were processed, preserved, digitized, and organized; databases were updated; STI information was made readily accessible to everyone; partnerships were formed; and various capability trainings were conducted.

Winning the Library Culture

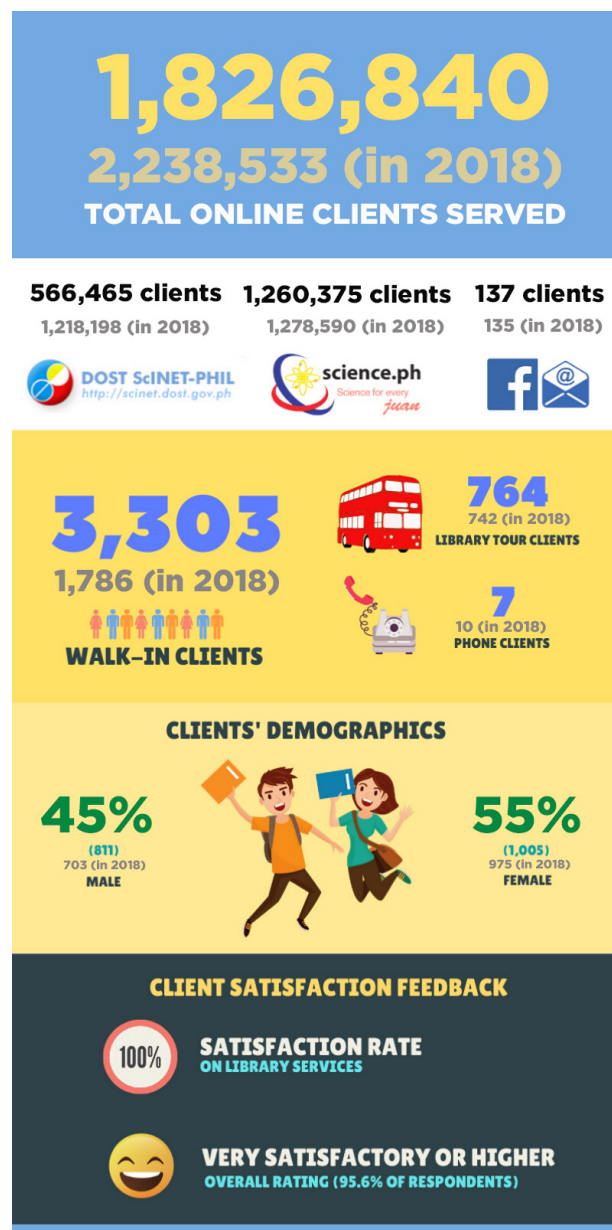
In this modern age, technology and innovation have become the primary source of information. However, it cannot be denied that libraries remain integral in the pursuit of knowledge and information. The DOST-STII still believes in this purpose: a library should always stand by its commitment despite the intricacies of modern technology.

In 2019, the DOST-STII library carried out its commitment to promote effective learning modalities by offering interactive activities such as reference services, specialized databases, in-house STARBOOKS, seminars and training sessions, and library tours.

However, a glitch in the counting mechanism that charts the number of users of DOST-STII's online library services was detected by the Information Technology Unit. This resulted in having incomplete counting entries recurring for a period of five months for science.ph and four months for the Science Information Library Management System (SILMS), explaining the lower number of total clients served. The problem has since been fully addressed by ITU toward the latter part of 2019.

Despite the underreported figures for online users, a total of 1,830,143 clients were recorded to have availed of DOST-STII library services for the year.

Of this number, 1,826,840 were online users; 3,303 were walk-in clients, of which 764 were library tour participants;



137 clients were served through email/Facebook; and seven clients were served through phone inquiries.

Out of the 1,826,840 online users, 566,465 accessed information through SciNet Integrated Library Management System Online Public Access Catalog (SILMS OPAC), while 1,260,375 users accessed information through science.ph.

In terms of client's satisfaction, the DOST-STII Library obtained an Overall Satisfaction rating of 95.60 percent





(“Very Satisfactory or higher”) based from the consolidated Client Satisfaction Feedback forms accomplished by walk-in clients. The record surpassed 2018’s overall rating of “Satisfactory or higher”.

Collection Development

The very satisfactory client ratings in 2019 can be partly attributed to IRAD’s continued efforts to upscale the DOST-STII Library Services with its efficient acquisition of different resources through purchase, subscription, exchange, and donation. Meanwhile, free-to-download materials sourced from the internet and specialized databases were made readily available for public use.

Collection Development	
Material Type	Total
Books	53 titles / 60 copies
Serials	380 titles / 583 issues
Theses/Dissertations	44 titles / 159 copies
Vertical Files	13 titles / 13 copies
Non-Prints	6 titles / 10 copies

Technical Processing

To keep the library collection organized and easy to use, technical and non-technical processes were fulfilled and practiced. Technical processes involve activities that a library undertakes to process library materials such as cataloging, abstracting, indexing, subject classification, assigning of call numbers, inventory, shelving, weeding, labeling, bar coding, stamping, and accessioning of library materials. On the other hand, non-technical processes



Technical Processing			
Material Type	Materials Catalogued	Materials Encoded with Bibliographic Records	Materials Inventoried
Books	125 titles / 130 copies	78 titles / 80 copies	170 titles
Serials	680 titles / 1045 issues	39 titles / 46 issues <i>*new serial titles</i>	1143 issues
Theses/ Dissertations	263 titles / 350 copies	367 titles	413 titles
Vertical Files	11 titles / 13 copies	3 titles / 3 copies	13 titles
Non-Prints	4 titles/ 6 copies	10 titles / 12 copies	7 titles
Technical Reports	-	9 titles / 10 copies	-

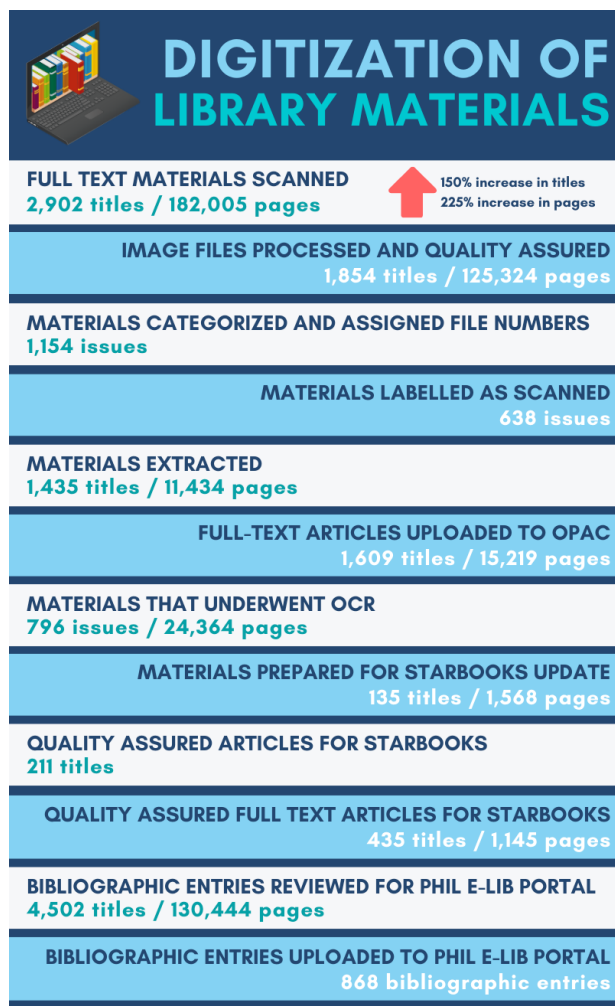


include library services such as providing requested materials, answering queries, and library tours and orientations.

Preserving Library Materials Through Digitization

Over the years, books and other library materials could be susceptible to damages such as molds, tearing, and missing pages. The DOST-STII Library promotes the value of serving clients with quality references, while keeping these materials preserved and undamaged.

IRAD made this possible by strengthening the digitization processes to keep up with the increasing number of STI materials that need to be digitized.



Working Together in the Digital Space

IRAD's commitment to provide a wide selection of S&T information materials was done through content build-up of its two in-house databases: the Filipiniana Serial Analytics and the Specialized Philippine Enterprise Reference of Experts (SPHERES). These databases offer S&T information to clients who are unable to visit the physical library.

For 2019, there has been a general drop in the number of bibliographic entries. The decline can be traced in the reduction of fulltime staff working in this area for the year. In 2018, the Division had the benefit of six GIA project staff employed under the STELLAR project, or the "S&T Experience using Leading-Edge Learning Additions and Realities" which ended March 2019. The six GIA

Bibliographic entries	2018	2019	Percentage Increase/ (Decrease)
Foreign Articles encoded*	2,501	1,503 articles	(39.90%)
Filipiniana Articles encoded*	4,755	1,427 articles	(69.99%)
Non-Print Articles*	1,578	438 articles	(72.24%)
Scientists' Profiles encoded	45 profiles	91 profiles	102.22%
*Overall Total	8,854 articles	3,368 articles	(61.96%)

staff were tapped to assist in encoding work pertaining to bibliographic content build-up throughout the entire project duration, thereby leading to a boost in the output for 2018.

From these bibliographic entries, IRAD produced two semi-annual publications namely, the Philippine Science and Technology Abstracts (PSTA) and the SPHERES.

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

For 2019, PSTA accumulated 25,824 downloads compared to 6,591 (in 2018), while SPHERES had 19,103 downloads compared to 8,809 (in 2018).

Further, DOST ScINET-PHIL and science.ph registered 566,465 and 1,260,375 website visits, respectively.

Winning Through Information Sharing and Collaboration

a. *InfoSerbilis*

InfoSerbilis is a digital space used to host, consolidate, and converge DOST's S&T information for faster, more accurate information access. In particular, it answers queries relating to the following information: DOST services; general information on DOST and its agencies; DOST key officials; DOST programs, projects, and activities; scholarship applications; and laboratory services. *InfoSerbilis* was launched in March 2019 and is now available to serve clients.

DOST-PCAARRD Consortia	
VICARP (Visayas State University in Baybay, Leyte)	09-12 September 2019
WESMAARRDEC (Western Mindanao State University in San Jose, Zamboanga City)	22-25 September 2019
CLAARRDEC (Central Luzon State University in Science City of Muñoz, Nueva Ecija)	07-09 October 2019
CAARRDEC (University of Southern Mindanao in Kabacan, North Cotabato)	23-26 October 2019
CorCAARRD (Benguet State University in La Trinidad, Benguet)	05-08 November 2019
BCAARRD (Bicol University College of Agriculture and Forestry in Guinobatan, Albay)	18-21 November 2019

Activity	Total
Accessioned/Recorded Library Materials	1,573 titles
Encoded Bibliographic Data in SLIMS	1,206 bibliographic records
Catalogued Library Materials	1,172 titles
Encoded/Assigned Subjects in SLIMS	3,526 subjects
Digitized DOST-PCAARRD Resources	1,107 titles / 107,776 pages
Quality Assured Digitized Resources	997 titles / 107,776 pages
Uploaded Titles in SLIMS	1,267 titles

b. Establishing the DOST-PCAARRD Knowledge Network of e-Libraries (KNeL Project)

Through collaboration with the DOST-Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (DOST-PCAARRD), the KNeL Project addressed the need to transform DOST-PCAARRD consortia libraries into digital information hub for easy retrieval and access of Agriculture, Aquatic, and Natural Resources (AANR) information.

In 2019, the DOST-STII deployed and installed the library management system (SLIMS) with digitization equipment to six (out of 15) DOST-PCAARRD consortia. In addition, these consortia were able to participate in an orientation-workshop on organizing, processing, and managing information resources in AANR using SLIMS following RDA standards.

The project also accomplished the digitization and uploading of knowledge products and resources in AANR.

DATABASE MANAGEMENT

PHILIPPINE SCIENCE AND TECHNOLOGY ABSTRACTS
25,824 DOWNLOADS

SPECIALIZED PHILIPPINE ENTERPRISE REFERENCE OF EXPERTS AND SCIENTISTS
19,103 DOWNLOADS



SCIENCE.PH
1,260,375 website visits



DOST SCINET-PHIL
566,465 website visits



44,927
TOTAL DOWNLOADS FOR IN-HOUSE PRODUCED MANUSCRIPTS



1,826,840
TOTAL WEBSITE VISITS / ONLINE CLIENTS



WINNING AS ONE

Winning Through Strengthened Partnerships

Banking on collaboration as a harbinger of success in achieving common goals, IRAD explored possibilities in 2019 and worked with various organizations to deliver products and services that promote STI information.

Benchmarking for Improved Library Services

DOST-STII aspires to improve its library services and collection to better serve its clients. Thus, IRAD conducted benchmarking activities to guide the DOST-STII Library to be more competitive and provide services that will be satisfactory to clients' expectations and conditions. This refers to other library services like interactive activities for science and arts, and amenities intended for differently-abled clients.

1. Singapore (April 29 to May 2, 2019)

- Libraries Visited

- a. National Library Board
- b. Lee Kong Chian Reference Library
- c. Library@Orchard
- d. Queenstown Public Library
- e. Bishan Public Library
- f. Bedok Public Library
- g. A*STAR Brenner Library

- Knowledge and Technologies Generated

- a. Design Thinking Process
- b. OneSearch Facility and 24-hour book drop
- c. Newspaper Section
- d. Counterless (user autonomy)
- e. Reading and activity spaces
- f. Eye on Asia
- g. Digital library through cost-sharing subscription

2. Taiwan (25-28 November 2019)

- Libraries Visited

- a. Taipei Public Library Beitou Branch
- b. New Taipei City Library Main Branch
- c. National Central Library

- Knowledge and Technologies Generated

- a. Environmentally friendly structures and features
- b. Children's Reading Area
- c. Self-Check-in System
- d. Sterilization Box/Machine
- e. iReserve Management System Kiosk
- f. 24-hour Self-Checkout Service Kiosk
- g. Sorting Machine (after returning of borrowed books)
- h. Facility for PWDs
- i. Café inside the library building
- j. Rare Books room
- k. Virtual Reality and Smart Board area

Exciting Library Tours

More than just providing information and library services, IRAD also strengthened its library tour service, serving a total of 764 tour participants in 2019. Bus loads of students, together with teachers and librarians visited the DOST-STII library. The tour participants were shown around the whole facility where they were given orientation and demonstration of the different library services (i.e., SLIMS OPAC, STARBOOKS, digitization).

Library tours

DATE	INSTITUTION	PARTICIPANTS
18 February 2019	St. Anthony College, Antique	55 students
20 August 2019	Pasig Catholic College, Pasig City	80 Grade 7-10 students
19 September 2019	PNOWA Child Learning Center Inc., Taguig City	67 students
03 October 2019	St. Matthew of Blumentritt Institute of Technology, Sta. Cruz, Manila	96 Information Technology students
24 October 2019	Philippine Technological Institute of Science Arts and Trade Central Inc., Cavite	176 Grade 11 ICT students
14 November 2019	Ateneo de Manila University	290 Grade 12 GA students

Promoting A Culture of Learning Through Workshop Training Activities

To fulfill DOST-STII's third mandate, which is to undertake training on S&T information, IRAD organized various trainings in 2019 like 3D printing, in collaboration with various organizations and other government agencies.



3D Printing Training conducted on 18-19 February 2019 in partnership with Puzzlebox 3D Philippines.



LIBRARY VISITS AS PART OF BENCHMARKING



National Library of Singapore



Benchmarking at the New Taipei City Library Main Branch on 25-28 November 2019 and in Singapore from 29 April to 02 May 2019.



WINNING AS ONE



WORKSHOP TRAINING SERVICES

- **18-19 FEBRUARY 2019**
3D Printing Training/Workshop Session:
Modular Approach (30 participants)
- **21-22 MARCH 2019**
Soft Launching of DOST InfoSerbilis
Knowledge Management System
(30 participants)
- **26-27 MARCH 2019**
Adobe Illustrator Workshop: Basics and
Tricks (36 participants)
- **31 JULY 2019**
EBSCO and GVRL Portal Orientation
(25 participants)
- **03-06 SEPTEMBER 2019**
3D Printing Technology (70 participants)
- **19 SEPTEMBER 2019**
Seminar on Digitization of Information
Resource Collection and Orientation on
STARBOOKS (20 participants)
- **01-02 OCTOBER 2019**
Science Journalism (30 participants)
- **23-24 OCTOBER 2019**
Infographics Workshop (16 participants)
- **05 NOVEMBER 2019**
Collections Care and Management for
Museums and Libraries (64 participants)
- **06 NOVEMBER 2019**
Digitization for Long-Term Preservation
and Access (73 participants)
Basic Concepts in Library Disaster Risk
Reduction and Management
(73 participants)
- **07 NOVEMBER 2019**
Creating Inclusive Library Services for
Persons with Disabilities
(60 participants)
- **05-07 NOVEMBER 2019**
Conducting Science Investigatory Research
and Hands-on Science Experiments
(252 participants)
- **08 NOVEMBER 2019**
Librarian as an Advocacy Leader
(47 participants)
Linking Bridges, Building Partnership:
The DOST-STII Experience
(47 participants)
Library Literacy at DOST-STII
(20 participants)
- **09 DECEMBER 2019**
Lecture on Women in Science
(37 participants)



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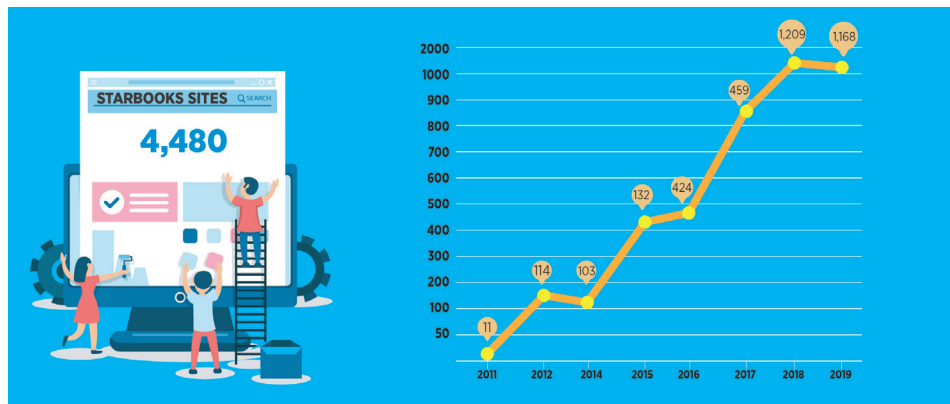
STARBOOKS

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WINNING AS ONE



Science and Technology Academic and Research-Based Openly Operated KioskS

STARBOOKS or the Science and Technology Academic and Research-Based Openly Operated KioskS continues to be a valuable source of science and technology (S&T) information, especially in areas where sources of S&T information are scarce. A total of 1,168 sites were installed, bringing the total to 4,480 at the end of 2019.

Considered as the country's first S&T digital library in a box, STARBOOKS provides free access to S&T information for academic, livelihood, and disaster mitigation. It continues to bridge the digital divide for many far-flung communities as it provides information and on-site research even without internet access.

STARBOOKS remains a National Priority Program

For the third time, STARBOOKS was included in the National Priority Plan by the National Economic Development Authority. This is in line with STARBOOKS's mission to provide the public with free access to science, technology, and innovation information especially in communities without a functional library and internet connection. For institutional partners, they get 100% tax deduction for their donations. STARBOOKS also supports the government's long term vision of raising awareness and promoting a science culture in the country.



Winning Through Collaboration

New Content Partners

Collaboration with new content partners was a key element to the success of STARBOOKS in 2019. These new partners brought valuable information that complemented STARBOOKS's current content.

Weather Philippines Foundation

The partnership with Weather Philippines Foundation (WPF), Aboitiz Group's largest Corporate Social Responsibility initiative, was inked on 30 September 2019.

at the WPF office in Bonifacio Global City, Taguig City. WPF expressed its commitment to provide DOST-STII with a digital copy of their information materials on weather, which will be included in the STARBOOKS database. These contents are the following: 1) #WeatherWiser Ka Na Ba? 2) #WeatherWizards and 3) other infographics/trivia on weather. Present at the Memorandum of Agreement (MOA) signing were Ms. Amy Melissa M. Chua, WPF's Engagement and Communications Manager and Ms. Maribeth L. Marasigan, First Vice President and Chief Operating Officer of WPF, while DOST-STII was represented by Director Richard P. Burgos and Mr. Alan C. Taule, DOST-STII IRAD Division Head.

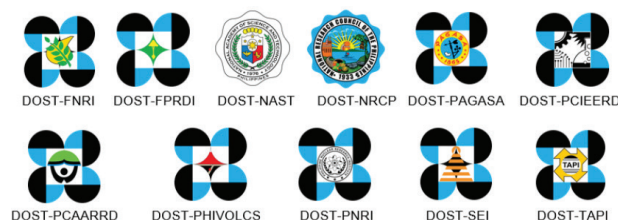
Freedom of Information–Project Management Office (FOI-PMO)

DOST-STII and the Freedom of Information–Project Management Office (FOI-PMO), an office under the Presidential Communications Operations Office (PCOO), signed a MOA for STARBOOKS content partnership on 08 November 2019 at the Malacañang Briefing Hall. With the partnership agreement, FOI-PMO will provide DOST-STII the digital copy of the raw, processed, and curated data collection of their office without any fee to be included in the STARBOOKS database. For its part, STARBOOKS will share their collected information



with full public disclosure and transparency in the public service. In attendance at the MOA signing were Atty. Kristian R. Ablan, PCOO Assistant Secretary and FOI Program Director, Director Richard P. Burgos, Ms. Eden Darlene A. Mendoza, FOI-PMO Compliance Monitoring Division Chief, and Mr. Alan C. Taule, IRAD Division Head.

As a result of this partnership, STARBOOKS received a special award from the PCOO during the FOI Summit celebration on 12 December 2019 at The Peninsula Manila, Makati City. This is in recognition of STARBOOKS' efforts in providing many libraries and schools in the country with the first Philippine S&T digital library.





DOST Agencies

Various agencies under the DOST system are also contributory to the content buildup of STARBOOKS. The following DOST agencies contributed S&T resources on: disaster risk reduction; math and science courseware; DOST technologies; nuclear technology; Philippine men and women of science; food and nutrition; and agriculture, aquatic, and natural resources, among others.

Other Partners

The year 2019 has been an incredible and prolific year for STARBOOKS because of the generous and valuable involvement of different partners from National Government Agencies, Non-Governmental Organizations, foundations, and private companies in the content and deployment of the project. These partners have shared the same mission of bringing STI information available to the public, especially for disadvantaged communities.

Partner	2019 Accomplishments
 CORAZON S. ATAYDE MEMORIAL FOUNDATION	Donated 3 computer units with STARBOOKS Kiosks to Rizal Elementary School in Makati City. Donated solar-powered STARBOOKS to Magalipit Elementary School.
 Enchanted Kingdom	Provided 180 EK Tickets that were used for promotion of other DOST-STII projects/activities.



Donated 5 computer units with STARBOOKS to Likhani Multipurpose Cooperative in Legazpi City, Albay. Donated 13 computer units with STARBOOKS to Philippine Foundation for Science & Technology (PFST)- Philippine Science Centrum.



Donated 2 computer sets with STARBOOKS Kiosks to Bio B. Modol Elementary School in Kabayan, Benguet.



Provided complete K to 12 materials for STARBOOKS.



Department of Energy

Provided additional library materials about energy to be included in the STARBOOKS database.

STARBOOKS Events: Building up Content, Strengthening Relationships, and Bridging Gaps

2019 STARBOOKS National Convention: Content Development and Management

To continuously improve STARBOOKS' content development and management, IRAD spearheaded a three-day training for representatives from Department of Education Division Offices nationwide. The convention was held from 23-24 October 2019 in Iloilo City and was attended by 280 participants.

The convention aimed to introduce the participants to the information landscape facing STEAM (science, technology, engineering, the arts, and mathematics) education in current times, present the challenges in content resources, and offer tools and trainings that can generate initiatives for content development.

Overall, the 2019 STARBOOKS Convention transformed STARBOOKS recipients from merely being consumers to becoming content partners and advocates of information sharing.

The convention also centered on the significance and role of libraries—particularly in STEAM references collection by introducing the participants to real life industry scenarios delivered by industry frontliners and experts.

Invited speakers updated the participants with various 21st century practices in learning and education. They also explained how these practices help prepare and shape the children of today to become future-ready. Meanwhile, some STARBOOKS recipient schools gave testimonies to express their appreciation and experience with STARBOOKS.



Dr. Sheryl Lyn C. Monterola
Assoc. Professor
University of the Philippines - Diliman



Ms. Elvira B. Lapuz
Deputy University Librarian
University of the Philippines - Diliman



Ms. Elaine De Velez
CEO
FrontLearners Inc.



Ms. Doris S. Nuval
Head of the Access, School, and Community Engagement Unit Knowledge Channel Foundation (KCF)

STARBOOKS Deployment Officers' Workshop

STARBOOKS Deployment Officers were given a chance to improve their service delivery by participating in two major workshops conducted by DOST-STII in 2019.



The Consultative Workshop on the Latest Content and Developments in STARBOOKS held 09-10 May 2019 in Cebu City focused on STARBOOKS content, system, and deployment updates, and featured presentations on regional accomplishments, plans, and best practices.

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The Pre-planning for STARBOOKS Regional Convention and Capability Enhancement on Events Management held 26-27 November 2019 in Puerto Princesa City, Palawan cascaded the 2020 plan of conducting STARBOOKS regional conventions, alongside the training of deployment officers in organizing, implementing, and managing events.

The DOST-STII also conducted two technical sessions that empowered the deployment officers in STARBOOKS installation, configuration, and troubleshooting. The first technical training was held in July in Laguna and the second was held in October in Zamboanga City.

STARBOOKS Deployments: Efficient Service Delivery to the Grassroots

Alongside with monitoring, system upgrades, content partnerships, and trainings, the DOST-STII STARBOOKS team also rendered technical assistance to key STARBOOKS deployments to DOST regional offices nationwide. Some of these deployments were the following:

Negros Oriental – STARBOOKS was installed in 400 plus school tablets on 06 June 2019 at the DOST Negros Oriental Provincial S&T Center.



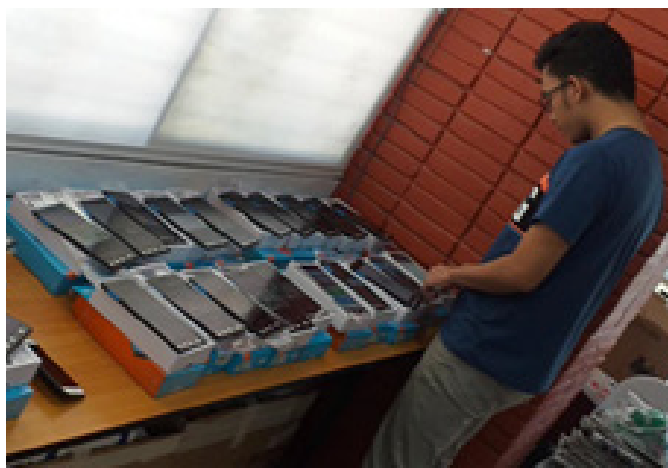
Deployment Officers of Palawan



Deployment Officers of DOST-CALABARZON



Deployment Officers of DOST Region IX



Sanchez Mira, Nueva Vizcaya – STARBOOKS units in Pureg Elementary School, Kittag Elementary School, and Callungan Elementary School were visited and fixed on 18-21 June 2019 with the aid of DOST Regional Office II and Global Peace Foundation.

Benguet – STARBOOKS was deployed on 18 September 2019 to Mt. Pulag Elementary School which has the highest elevation among schools in the Philippines.

STARBOOKS Quiz: Tickling the Minds of the Young

In 2019, IRAD came up with an interactive exhibit called the STARBOOKS Quiz which became one of the most sought-after exhibits at the National Science and Technology Week (NSTW) in July. Visitors were delighted to win personalized STARBOOKS items after successfully answering S&T questions pulled from lessons and modules in STARBOOKS.

Hence, the exhibit became part of eight 2019 Regional Science and Technology Week (RSTW) celebrations. The STARBOOKS Quiz and Exhibits were held in the following S&T week celebrations:



STARBOOKS Quiz and Exhibits

Event	Date	Location
NSTW	Jul 17-21, 2019	World Trade Center, Pasay City
RSTW-I	Sep 17-20, 2019	Centennial Arena Laoag Center, Ilocos Norte
RSTW-II	Aug 27-30, 2019	Tuguegarao City, Cagayan
RSTW-CAR	Nov 19-22, 2019	Bontoc, Mountain Province
RSTW-NCR	Oct 1-3, 2019	Rizal High School, Pasig City
RSTW IV-B	Nov 27-29, 2019	Puerto Princesa, Palawan
RSTW-V	Oct 7-11, 2019	BISCAST Naga City October
RSTW-VII	Aug 15-17, 2019	Siquijor, Siquijor
RSTW-XII	Dec 3-5, 2019	General Santos City



COMMUNICATION RESOURCES AND PRODUCTION DIVISION



Communication is Connection

The essence of real communication is being able to connect. Even in the modern world, there is the desire to connect whether through words or actions. We want to connect to a strong wifi, a stable power source...we connect to our destinations, and even to our families and friends. In jigsaw puzzles, we connect the pieces together so that as a whole we can appreciate the bigger picture. Sometimes the connection is more important than the talking. It has been proven that one can communicate even without saying anything, even without conversation the connection is often meaningful.

At CRPD, 2019 was a good attempt to make a connection. Through various media channels, approaches and strategies, we reached our various stakeholders and made the "connection" as proven by our audience reach and people who continue to support our projects and activities. It is hard to make an impact in this age of multi-dimensional mass media and content. And science itself is a challenging product to sell. But CRPD has made a connection, at least, to those who need the information or message so that these can, in turn, be used to empower our people.





WINNING AS ONE

Summary

In 2019, the Communication Resources and Production Division (CRPD) enhanced its role in the delivery of STI (science, technology, and innovation) information and services.

The CRPD, in line with the mission and vision of the Department of Science and Technology – Science and Technology Information Institute (DOST-STII), engages in various activities that seek to promote awareness and understanding of STI information as it conceivably brings about positive impact in people's lives and communities.

Moreover, these initiatives sought to expand linkages while capacitating its key stakeholders—from media entities and practitioners to private enterprises, government officials, students, and the general public.

S&T Promotion Services

The CRPD, through the Content Development and Editorial Section (CDES), produced 275 press and photo releases, 96 media engagements, and 752 AV services for a total of 1,123. There were 1,220 social media posts compared to 2,274 in 2018.

The Philippine Journal of Science (PJS) published 95 peer-reviewed articles ahead of schedule as review duration was limited to roughly three months despite receiving 186 manuscripts for the year. A special issue containing 19 genomics articles was published in partnership with the Philippine Genome Center. Two foreign scientists (Dr. Rafe M. Brown of University of Kansas and Dr. Sohichi Hirose of Tokyo Institute of Technology) were appointed as new members of the PJS Editorial Board.

Its social media posts, 51 of which became viral in Facebook, reached 4,090,274 online users—a stark improvement from an audience size of 2,924,219 last year. The substantial boost was attributed to timely contributions from an influx of newly-hired contract personnel through the Communicating Science for the People (CSFTP) program.

Media Dissemination

Through the Public Affairs Section (PAS), the division organized and facilitated 96 media engagements versus



only 203 in 2018. It was this year when press conferences were repackaged from “DOSTkusyon” into “technology media conferences” with support from the OUsec for R&D, PCAARRD, PCHRD, and PCIEERD.

The number of STI-related published articles and aired broadcasts included 3,576 in print, 10,007 online, 2,026 in television, and 1,073 in radio. This amounts to 16,682 in total, which is generally much higher compared to 10,321 the year before. They were particularly higher in the third quarter amid numerous events organized during the National Science and Technology Week.

As for DOSTv, the official weather and science program of the DOST, viewership per minute through its partner (PTV-4) rose to 22,000 on average from 17,000 in 2018. Through keen advertising, online audience reach across all platforms expanded further to 31 million—including 3.9 million organic generation from DOSTv alone.

S&T Awareness

In only a year, the level of public awareness on DOST programs, projects, and activities has significantly risen from 13% in 4Q 2018 to 16% in 4Q 2019, as improvement in the framing of survey questionnaire by the Social Weather Stations (SWS) for every topic—courtesy of the Development Support Section—has solicited greater accuracy in the survey results.





COMMUNICATION RESOURCES AND PRODUCTION DIVISION BY THE NUMBER

1,314

2018 Total Content Materials

1,123

2019 Total Content Materials

(14.5%)

Total Percentage



S&T Promotion Services

	ACTUAL ACCOMPLISHMENT		PERCENTAGE INCREASE/DECREASE
	2018	2019	
Press and Photo Releases	302	275	(9%)
Media Engagement	203	96	(53%)
AV Services	809	752	(7%)
Social Media Posts	2,274	1,220	(46%)
Viral Posts	70	51	(27%)
Reached online users	5,138,146	4,090,274	(20%)
Trainings Conducted	12	19	58%
Peer-reviewed	70	95	36%

Media Dissemination

STI-related published articles and aired broadcasts

	ACTUAL ACCOMPLISHMENT		PERCENTAGE INCREASE/DECREASE
	2018	2019	
Print	2,644	3,576	35%
Online	6,559	10,007	52%
Broadcast	1,118	3,099	177%

S&T Public Awareness*

13%

in 2018

16%

in 2019



*Social Weather Stations (SWS) survey.



2018 vs 2019

DOST

MEDIA MILEAGE



2018 MONTH	PRINT			ONLINE			TELEVISION			RADIO		
	Number of articles	AD Value	PR Value	Number of articles	AD Value	PR Value	Number of articles	AD Value	PR Value	Number of articles	AD Value	PR Value
JANUARY	169	7,595,016.09	13,135,726.14	384	45,691,569.00	66,214,216.70	4	7,441,208.29	7,992,008.03	2	1,069,300.26	2,138,600.52
FEBRUARY	144	5,157,509.01	8,825,767.94	311	30,529,574.00	43,486,811.00	12	22,231,090.39	27,149,120.42	5	1,814,022.04	4,309,691.04
MARCH	158	5,690,223.25	9,464,830.15	408	42,736,923.00	62,194,971.70	13	6,171,800.02	15,681,306.25	7	2,074,277.78	3,870,681.55
APRIL	198	8,817,665.44	15,413,712.49	462	47,466,969.00	66,941,700.00	14	18,047,264.35	28,671,395.60	3	500,918.69	731,918.90
MAY	160	9,869,490.56	17,893,794.06	327	32,510,765.00	44,786,320.25	7	11,598,180.38	13,681,611.98	2	970,199.30	2,350,599.30
JUNE	228	11,542,383.79	21,286,213.54	525	54,777,786.00	81,190,177.00	97	101,751,073.13	142,438,273.61	67	56,697,057.43	92,677,669.93
JULY	278	9,657,911.67	16,958,508.76	603	59,379,375.00	84,815,061.75	150	170,130,954.20	275,078,898.29	67	68,134,057.14	124,768,297.68
AUGUST	411	14,088,251.60	25,397,314.76	1811	149,565,825.00	224,438,726.75	99	122,396,906.92	209,579,745.87	47	33,171,060.89	63,775,171.66
SEPTEMBER	262	10,133,893.24	18,495,429.65	518	54,611,275.00	78,523,810.75	137	210,604,492.34	397,971,350.38	57	50,540,188.38	107,185,012.38
OCTOBER	244	8,869,275.95	15,134,117.97	424	47,515,556.00	71,190,022.20	78	102,099,341.06	142,152,140.98	45	26,702,481.35	39,945,251.88
NOVEMBER	154	9,331,490.50	16,222,859.67	333	38,298,288.00	55,571,727.25	52	47,129,986.39	86,127,807.15	29	25,448,427.84	46,587,896.37
DECEMBER	238	6,375,865.65	10,323,062.62	453	55,159,613.00	81,018,317.00	81	101,524,861.96	174,868,736.98	43	19,759,494.09	30,148,168.61
TOTAL:	2644	107,128,976.75	188,551,337.75	6559	658,243,518.00	960,371,862.35	744	921,127,159.43	1,521,392,395.54	374	286,881,485.19	518,488,959.82

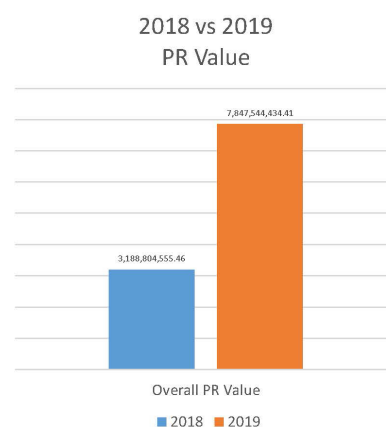
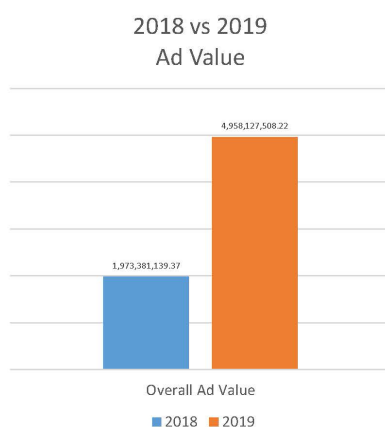
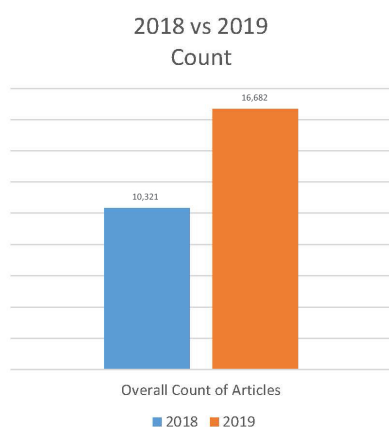




2019 MONTH	PRINT			ONLINE			TELEVISION			RADIO		
	Number of articles	AD Value	PR Value	Number of articles	AD Value	PR Value	Number of articles	AD Value	PR Value	Number of articles	AD Value	PR Value
JANUARY	118	4,248,338.55	7,375,129.03	271	31,036,909.00	45,560,315.25	83	102,341,690.87	143,762,893.22	61	46,332,491.72	69,742,651.55
FEBRUARY	173	6,657,520.39	11,814,897.27	308	37,045,952.00	55,426,666.00	93	88,492,200.99	146,526,466.49	80	50,142,739.78	70,891,432.34
MARCH	219	9,261,570.96	16,484,145.23	438	58,395,138.00	85,893,407.85	147	196,909,270.61	309,551,319.39	87	59,436,584.54	79,250,599.65
APRIL	208	7,572,232.62	13,348,135.44	477	58,267,752.00	88,839,861.45	290	615,570,230.58	994,716,511.88	125	87,181,804.15	151,992,527.80
MAY	417	16,330,782.03	27,882,669.28	1100	122,735,592.00	193,319,751.50	295	366,801,284.47	629,861,446.52	157	100,776,118.63	170,037,881.34
JUNE	72	2,869,815.84	5,361,607.03	244	29,362,011.00	45,946,716.00	75	183,295,469.41	254,461,168.12	33	28,820,547.17	53,636,666.00
JULY	523	23,064,624.03	40,891,269.41	1582	176,257,635.00	273,625,157.20	274	272,135,854.06	458,057,190.34	136	64,605,427.81	89,618,619.22
AUGUST	504	16,101,404.50	28,773,998.06	1669	187,680,942.00	296,847,699.80	163	268,659,400.37	411,471,482.03	109	62,176,666.59	95,707,348.59
SEPTEMBER	365	18,297,115.78	32,247,364.54	1280	138,653,750.00	223,596,440.40	134	160,759,534.91	253,618,942.85	61	35,417,737.30	59,666,343.33
OCTOBER	360	14,771,886.44	27,388,976.22	1124	125,535,270.02	205,902,973.10	172	217,436,440.43	329,289,545.59	78	49,601,803.33	71,146,609.87
NOVEMBER	343	12,951,322.01	22,393,992.62	699	95,117,381.00	144,549,156.90	154	274,342,486.01	437,450,841.11	77	54,298,598.01	83,310,388.90
DECEMBER	274	13,086,260.09	23,219,704.83	815	115,025,724.00	183,508,184.50	146	203,164,821.47	316,607,079.41	69	49,101,375.75	66,970,260.16
TOTAL:	3576	145,212,873.24	257,181,888.96	10007	1,175,114,056.02	1,843,016,329.75	2026	2,949,908,684.18	4,685,374,886.95	1073	687,891,894.78	1,061,971,328.75

2018 Content	Figures
Number of Articles	10,321
Total Ad Value	1,973,381,139.37
Total PR Value	3,188,804,555.46

2019 Content	Figures
Number of Articles	16,682
Total Ad Value	4,958,127,508.22
Total PR Value	7,847,544,434.41





Through the CDES and the PAS, the Division reinforced its training initiatives as the number of sessions organized climbed from 12 in 2018 to 19 this year. Among these events were four #ScienceJournoAko workshops for student-journalists held in Pasay City, Bayugan City (Agusan del Sur), Davao City, and Bontoc (Mountain Province). Greater number of participants during the Regional S&T Week celebrations was aptly accommodated by additional staff under the Strengthening the Core project.

From 01–06 November 2019, the head of the CRPD's Audiovisual Services Section co-represented DOST-STII as one of the numerous exhibitors that were invited to present at the Beijing International Festival in the Beijing Science Centrum, China. The event served as a landmark platform for showcasing the Institute's science communication technologies and solutions—namely DOSTv and STARBOOKS—along with the DOST's flagship programs.

Frontline Services

The CRPD, through the Audiovisual Services Section, produced and delivered audiovisual coverage/documentation materials to internal clients in other DOST offices with resounding level of satisfaction.

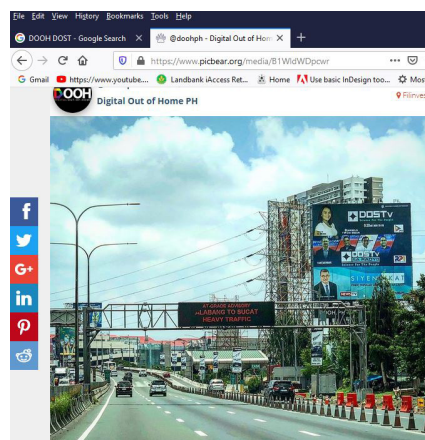
Nearly all (99.74%) of its requests were rated as “excellent,” while 97% of those approved were provided within four working days at the latest. This may reasonably be attributed to progress in process flow, workforce productivity, and improved internal communication during the past year.

Partnerships

Indeed, the division fosters a collaborative spirit in line with the Institute's core values as it broadened its working partnerships.

Seven memoranda of understanding/agreement were sealed: Business Mirror, FastCat, Manila Bulletin, Manila Times, National Press Club, Wazzup Pilipinas, and Publishers Association of the Philippines, Inc. Such accomplishment resulted from the active pursuit of associates through constant meetings and stakeholder pitch regarding the benefits of STI promotion.

With the inclusion of DOSTv in the National Priority Plan of the National Economic Development Authority, monetary valuation and sponsorships in DOST's activities, processes, and projects were gained—through tie-ups with DOOH (Php 2.7 M) and Enchanted Kingdom (Php 162,000), in particular.





Taking the extra mile, the DOSTv took the initiative to transcend to another national television network and is now on its 2nd season of the "Siyensikat: Pinoy Popular Science Para Sa Lahat," a 30-minute magazine cum reality science TV show which highlights the fulfillment of dreams and an expression of gratitude to DOST from ordinary people benefitting from science aired every Sunday from 4:00PM-4:30 PM at GMA News TV.

In a world full of disinformation and fake news, let us be the assurance – DOSTv: Science For The People

Science broadcast program – when did you last watch a science show airing over a local TV channel? iBilib? Matang Lawin? It is a common knowledge that TV networks, especially the mainstream channels such as ABS-CBN and GMA, have more entertaining shows than educational and informative shows. And with the rise of social media, where sharing of ideas, thoughts, and information has never been easier, disinformation and fake news can also be prevalent.

With the huge potential of television, still ranking number one as source of S&T information by the masses based from the SWS survey and the rise of social media platform called the “new media” to reach a wider audience across demographics, the Department of Science and Technology (DOST) ventured into having its own science broadcast program and has been broadcasting science and technology information to the public since 2016.

Science has never been a favorite topic of the media, however interest in science will heighten upon news on disaster related events, and even with high media coverage, disinformation and fake news can still be detected. Which is why among the major reasons prompting the creation of DOSTv was the need to be able to communicate clear, up-to-date advisories during severe weather conditions in reaction to the onslaught of some of the most devastating typhoons in Philippine history such as Ondoy, Sendong, and Yolanda within a four-year span.

In general, DOSTv seeks to address the urgency to communicate our national efforts in S&T so Filipinos will develop a deeper, more meaningful appreciation of its role in society. When science and technology are communicated effectively, science and technology will thrive.

DOSTv is a major step in developing the capability to communicate and explain across the complexity of highly-technical and oftentimes interdependent disciplines that would result in greater support and funding not only for the Department of Science and Technology but also for the country's S&T enterprise in academe and industry.

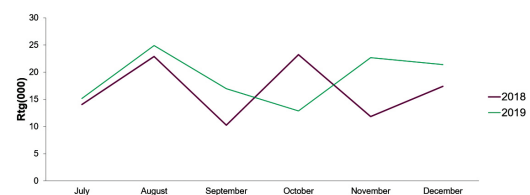


Equally important, the time has come to reacquaint the public with the central idea that the science we do is made possible through public funds, and therefore should serve the primary interest of the Filipino people.

DOSTv: Science For The People started broadcasting via online using YouTube and Facebook in May 2016 as a platform, “on air” and is being managed by the Science and Technology Information Institute (STII), the marketing and promotion arm under DOST. In May 2017, after a year of online broadcast, through the partnership with PTV-4 or People's Television Network Inc., a state channel, DOSTv started airing its 30-minute program in the said network every 9:30 in the morning followed by a partnership with

DOSTv Monthly Viewership

Monthly Average for the Program in 2019



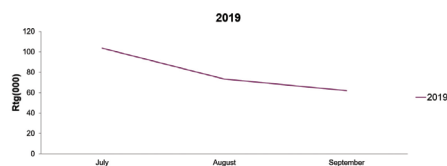
KANTAR MEDIA

Target: Individuals 2+; Region: Total Philippines; Channel: PTV-4; Date: 12/20/2019

13

Siyensikat Monthly Viewership

Monthly Average for the Program in 2018



KANTAR MEDIA

Target: Individuals 2+; Region: Total Philippines; Channel: PTV-4; Date: 12/20/2019

13



Global News Network, a news and information channel, in June 2017 every 11:00am and replayed at 4:00pm that includes segment for weather, documentaries, S&T news updates, S&T personalities, DOST programs and projects, science trivias, and coverage of S&T events.

With results from the survey conducted by the Social Weather Stations (SWS) on the level of awareness of DOST's programs and services in the country, from 2016 to 2019 TV has been consistently the leading platform

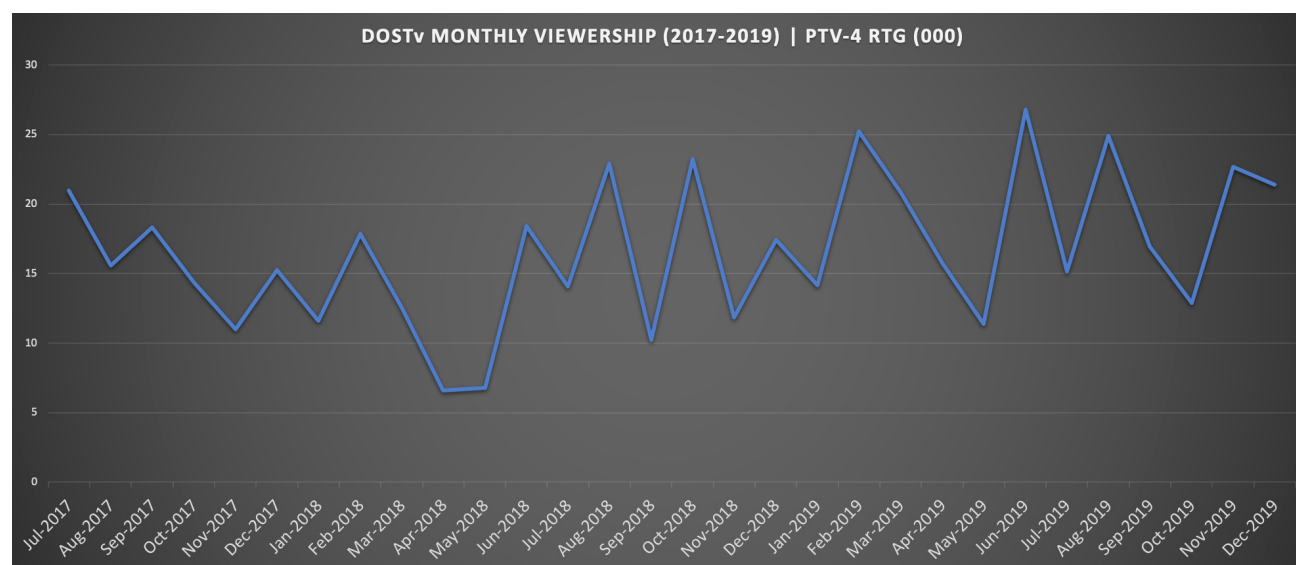
through which households get their information, followed by radio and newspaper. DOSTv can be viewed on demand online through our social media platforms such as the official DOST-STII website, DOSTv website, DOSTv Facebook page and YouTube Channel, and shared with other DOST digital sites.

The DOSTv, since its inception, has now evolved into a more proactive media tool. This year, there is now the DOSTv sa Radyo being broadcasted in Radyo

Pilipinas 1(738 AM) every Saturday from 11:00 AM to 12:00 noon anchored by Sec. Fortunato T. de la Peña, Undersecretary for Scientific and Technical Services Dr. Renato U. Solidum Jr., and DOST-STII Director Richard P. Burgos, it is a one hour on-air radio program that features meaningful discussions about the scientific and technological efforts for the people straight from DOST, the country's authority in science, technology, and innovation.

Taking the extra mile, the DOSTv took the initiative to transcend to another national television network in the 2nd semester of 2019, and is now on its 2nd season to complete the 26-episodes of the “Siyensikat: Pinoy Popular Science Para Sa Lahat,” a 30-minute magazine cum reality science TV show which highlights the fulfillment of dreams and an expression of gratitude to DOST from ordinary people benefitting from science aired every Sunday from 4:00 PM-4:30 PM at GMA News TV.

Based on outsourced media monitoring from Kantar, a market research firm in the Philippines specializing in broadcast media, its report showed a steady increase in viewership for DOSTv: Science For The People with an estimated 17,000 average viewership per minute in 2018 to 22,000 average viewership per minute in 2019 resulting to 29.41% increase. Moreover, viewership results of “Siyensikat: Pinoy Popular Science Para Sa Lahat” program garnered an estimated 80,000 average viewership per minute from its 2-season airtime in GMA News TV starting 07 July 2019 up to 29 December 2019.





Communication Resources And Production Division

Mona Carina E. Montevirgen

Supervising Science Research Specialist,
Officer-in-Charge

Bryan Ray I. Torres

Printing Machine Operator II

Kimverlyn C. Sayson

Science Research Analyst

CONTENT DEVELOPMENT AND EDITORIAL

Framelia V. Anonas

Senior Science Research Specialist

Rodolfo P. de Guzman

Information Officer III

Sheila Marie Anne J. de Luna

Information Officer III

Jasmin Joyce P. Sevilla

Science Research Specialist I

Allyster A. Endozo

Information Officer III

David Matthew C. Gopilan

Information Officer I

DEVELOPMENT SUPPORT

Geraldine B. Ducusin

Supervising Science Research Specialist

PUBLIC AFFAIRS AND MEDIA

Ma. Lilibeth P. Padilla

Information Officer III

Arlene C. Celestino

Printing Machine Operator II

Rosemarie C. Señora

Science Research Analyst

Ceajay N. Valerio

Information Officer I

AUDIO VISUAL SERVICES

Henry A. de Leon

Audio Visual Aids Tech IV

Gerardo C. de Jesus

Science Research Specialist II

Gerardo G. Palad

Photographer II

Teddy R. Amante

Audio Visual Aids Tech 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

Allan Mauro V. Marfal

Printing Press Supervisor

Ferdinand D. Cartas

Printing Machine Operator II

DOSTv Team

Ma. Lotuslei P. Dimagiba

Project Development Officer III

Gelmi Liberty M. Miranda

Information Officer III

Jeffrey T. Centeno

Reproduction Machine Operator II

Beejay A. Castillo

Information Officer III

Karl Raven A. Ramon

Information Officer II

Kevin Laurence L. Arriola

Science Research Specialist II

Alpha Hessa L. Bierneza

Science Research Specialist II

Resty R. Balila

Information Officer II

Carmela P. Aguisanda

Information Officer I

Xyrus Ivan B. de Gracia

Administrative Officer II

Dominic P. Aquino

Science Research Analyst

Donalyn S. Rempillo

Computer Operator III

Vincent F. Tuyor

Project Assistant IV

Romulo B. Laurente


Project Assistant II

Jean Marie C. Errasquin

Project Assistant II



INANCE AND DMINISTRATIVE IVISION



The Finance and Administrative Division (FAD) has kept its commitment to be a staunch partner of STII in fulfilling its plans and goals. The division's integrity, dynamism, tenacity, and strength in collaboration with both internal and external stakeholders have contributed greatly in DOST-STII's winnings in 2019.

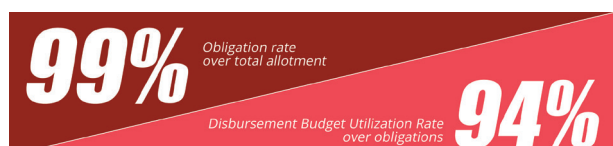
Driven by FAD's dedication to contribute to the achievement of the agency's goals; funds allotted for programs, activities, and projects were closely monitored to ensure its judicious use; employees were appraised, developed, and rewarded to boost their performance; and facilities and tools were provided so that employees can successfully accomplish tasks.



WINNING AS ONE

Outstanding Financial Performance

As of December 2019, the Obligation Budget Utilization Rate, which is the percentage of obligations over total allotment is 99 percent (P96,797,438.33/P98,054,362.00); while Disbursement Budget Utilization Rate, which is the percentage of disbursement over obligations is 94 percent (P90,759,467.15/P96,797,438.33). The undisbursed amount of P 6,037,971.18 includes various Maintenance and Other Operating Expenses items that were undelivered as of 31 December 2019.



Regular financial reports such as Financial Performance Report, Monthly Report on Disbursements, Statement of Allotment, Obligations and Balances, among others were submitted to the Financial Management Service of DOST-Central Office on time. Public financial management reports such as Budget and Financial Accountability Reports were also submitted on time to the Department of Budget and Management and the Commission on Audit.

Completion of 2019 Grants-In-Aid projects

Project Title	Amount
Establishing DOST-PCAARD Knowledge Network of eLibraries	3,119,937.60
Promotion and Souvenir Program for 2019 NSTW Celebration	7,184,515.20
SFTP Project 1. Leveraging the Power of Broadcast and Web Media to Promote Science for the People (DOSTv)	28,193,317.80
SFTP Project 3. Doubling the Reach Through Information, Education, and Communication (IEC) Campaign	26,708,048.00
SFTP Project 4. Enhanced S&T Learning Using Leading-Edge Learning Additions and Realities (STELLAR) and Infoserbilis	7,276,412.00
SFTP Project 5. Strengthening the Core	3,387,880.00
TOTAL	75,870,110.60

Competitive public bidding

FAD, through its Property Section, spearheaded the completion of the following STII major procurement projects

No.	Project Title	Date Awarded	Awarded/ Contract Amount
1	Janitorial Services	28 Feb 2019	P 713,518.13
2	Security Services	29 May 2019	P 1,530,337.52
3	Survey Commissioning	27 Aug 2019	P 500,000.00
4	DOSTv Content Production/ Advertising Expenses	07 Oct 2019	P 3,768,000.00
5	Printing of STII Publication which includes: S&T Post, S&T Digest and Baitang RapiDOST, and Phil. Journal of Science	20 Mar 2019	P 2,480,500.00
6	Printing of STII Annual Report	21 Mar 2019	P 92,500.00
7	Installation and Delivery of Air Conditioning Units	22 May 2019	P 1,126,600.00
8	Installation and Delivery of Office Partitions	14 May 2019	P 1,296,921.02
9	ICT Equipment	13 Dec 2019	P 1,504,280.00

Zero Non-conformities in External Surveillance Audit for ISO 9001:2015

On 28 October 2019, the DOST-STII passed the External Surveillance Audit for ISO 9001:2015 certification with zero Non-Conformities. This was indicated in a recommendation submitted by external auditors to DQS Certification Philippines, Incorporated.

The external audit team further commented that DOST-STII's quality management system is fully effective and fulfils the requirements of the applied standards. Therefore, maintenance of DOST-STII's ISO certification was endorsed.

DOST-STII's Quality Management System Team is headed by FAD Chief, Ms. Arlene E. Centeno.



DOST-STII is now "PRIMEd"

Dreams do come true but only when it is translated into action, powered by faith, determination, and excellent teamwork. This is exactly what happened to DOST-STII as it labored toward achieving Maturity Level II of the Enhanced Program to Institutionalize Meritocracy and Excellence in Human Resource Management or PRIME-HRM.

It can be recalled that DOST-STII was among the many government agencies whose accreditation was revoked by the Civil Service Commission (CSC) in a resolution promulgated on 16 August 2018. Since then, the dream to get "Primed" turned as one of the goals of the agency. Through concerted efforts, requirements were complied with and submitted to the CSC-National Capital Region.

Finally, on 23 December 2019, DOST-STII was awarded with Certificates of Recognition for meeting the requirements for Maturity Level II of PRIME-HRM in all pillars of Human Resource Management: Recruitment, Selection, and Placement; Learning and Development; Performance Management; and Rewards and Recognition.

DOST Secretary Fortunato T. de la Peña and CSC-DOST Field Office Director Philip C. Apostol graced the awarding of the certificates to DOST-STII. The PRIME-HRM certificates were received by the DOST-STII management led by Director Richard P. Burgos, together with the Human Resource Team.

Maintaining FOI Compliance

DOST-STII was hailed once again as Freedom of Information (FOI) Champion for complying with the 2018 requirements set by the Inter-Agency Task Force on the Harmonization of National Government Performance, Monitoring, Information, and Reporting Systems.



The Certificate of Compliance signed by Presidential Communications Operations Office Secretary Jose Ruperto Martin M. Andanar was received by DOST-STII on 03 August 2019.

Encouraged by another recognition, the agency committed to continuously observe the FOI-Standard and monitor eFOI requests.

Building a Culture of Communication and Information Sharing

Keeping each employee up-to-date on STI news is important in STII that, by mandate, spearheads information dissemination and promotion of the same. The benefit is increasing employees' awareness, leading to active collaboration within and among the stakeholders. Recognizing these gains, STII started a monthly meeting of all employees or convergence of communicators dubbed as "CommVerge".

First held in March, divisions took turn in hosting every 1st Monday of the month. The highlights of the program were sharing of relevant announcements and activities, echo sessions, and "kwentong inspirasyon".

CommVerge will continue in 2020 to broaden consciousness and engagement.



DOST-STII—A Growing Workforce

In a letter dated 29 August 2019, the Department of Budget and Management granted DOST-STII 10 new positions to support the agency in the performance of its functions. These include six plantilla positions: one Planning Officer III, two Administrative Officer IV, one Administrative Officer II, and two Administrative Officer I.

DOSTv was also granted with four contractual positions: one Information Officer III, two Information Officer II, and one Information Officer I. The Human Resource Merit Promotion and Selection Board (HRMPSB) started the recruitment and selection process of applicants in November 2019.

As of 31 December 2019, DOST-STII has 60 permanent positions and 4 contractual positions. For Contract of Service staff, DOST-STII has 32 staff sourced through regular fund and nine staff hired under Grants-In-Aid projects.

Winning through employees: The making of winners

The DOST-STII has always believe that its most valuable asset is its people. It acknowledges the fundamental truth that the major factor for its success are the hardworking and adept employees who have pledged to serve the Filipinos by way of delivering the agency programs and projects in effective and timely fashion.

To ensure that the STII workforce has the essential knowledge, skills, and attributes – in short, winners in their fields, several purposive training programs were conducted in-house. These programs were the result of the individual competency assessment and were on top of the external training sessions provided to selected employees.

Here is the list of in-house training programs spearheaded by divisions and co-facilitated by the Human Resource Section:

1. Training on Quality Customer Service

Customer service is the heart of any industry. Without excellent customer service, the industry is threatened to cease to exist. For DOST-STII, it values its customers and considers them members of the organization. It believes that customers are the reason why the agency exists. To ensure that each employee in the agency adopt the same thinking, it partnered with

Training investment

IN HOUSE	
Training	Total
Performance Assessment and Commitment Setting for 2019 and Echo Workshop on Streamlining and Process Improvement of DOST-STII Critical Services	306,932.95
Training on Quality Customer Service	42,600.00
Training on Coaching and Mentoring for Leaders	247,217.00
Basic Knowledge on Handling Social Media Platforms Seminar	16,940.00
Harmonized Gender and Development Guidelines and Gender Responsive Planning and Budgeting	206,747.96
Basic Computer Troubleshooting	32,500.00
Stress Management Workshop	87,223.75
Event Organizing and Management Seminar: Kaya Ko, Kaya Mo Rin!	68,856.09
Succession Planning	13,089.19
Library Literacy at DOST-STII	0.00*
GAD Mainstreaming and Analysis among DOST-STII GFPS and Project Leaders	
Total	1,022,106.94

*No cost to DOST-STII

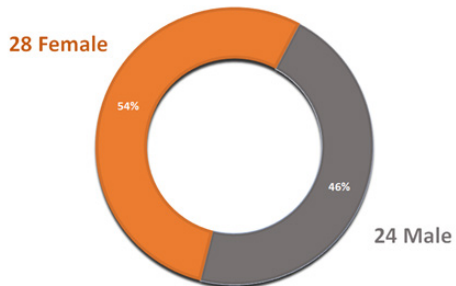
External	
Training	Total
PhotoworldAsia 2019	15,000.00
Seminar on Risk Management	12,000.00
Enhancing Public's Level of Awareness on HIV/ AIDS through Digitized Arts	0.00*
CSI Leadership Series Forum	10,000.00
CES Executive Leadership and Work-Life Balance Camp	24,548.00
2019 National Conference of Librarians	16,080.00
Policies and Procedures on Leave Administration	6,000.00
CSI Leadership Series "Values-Driven Leadership"	10,000.00
Bolstering Research: the Role of Librarians and Information Professionals in the Ideation, Use and Preservation of Outstanding Researches	7,500.00
Research and Development (R&D) Monitoring and Evaluation (M&E) Conference	0.00*



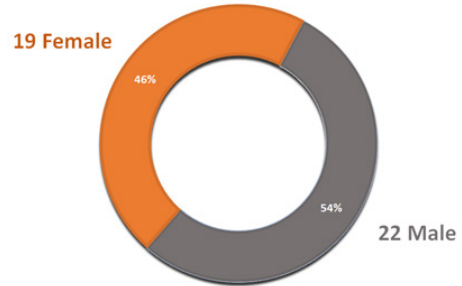


Workforce by Gender

a. Permanent

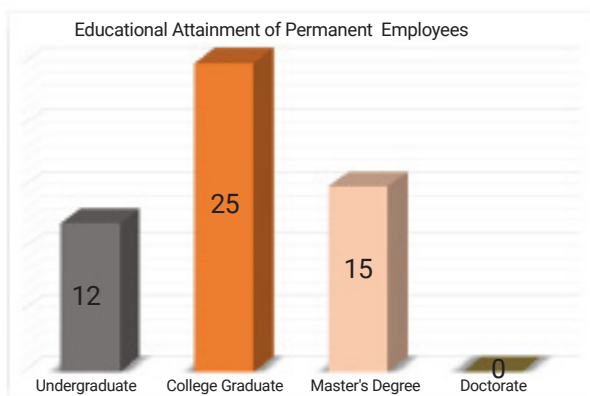


b. Contract of Service

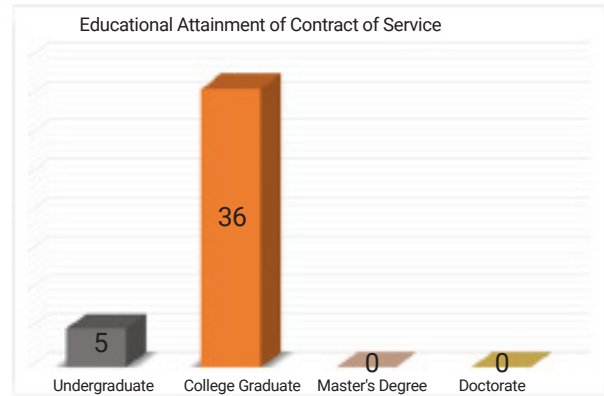


Workforce by Education

a. Permanent

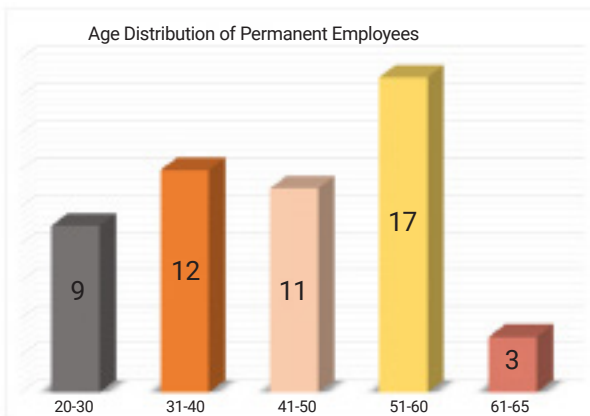


b. Contract of Service

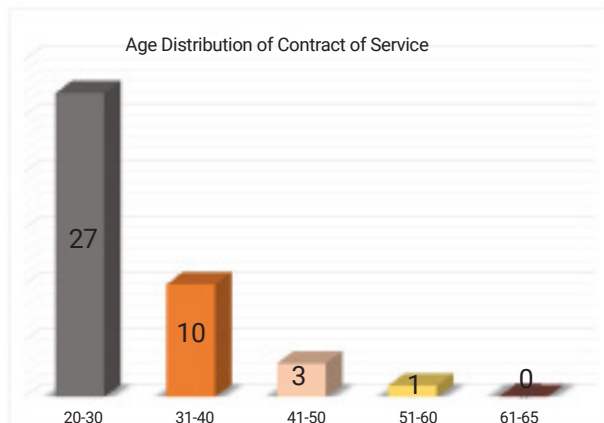


Workforce by Age

a. Permanent



a. Contract of Service



National Data Protection Officer's Conference	0.00*
Basic Regulatory Impact Assessment (RIA) Training	0.00*
Budget and Treasury Management System (BTMS) Power Users Training	0.00*
Design Sprint Workshop	0.00*
Seminar on 5S for Executives in Public Sector	0.00*
Foundation Course on 5s Good Housekeeping	0.00*
Transformational Leadership in the Changing Environment	46,358.00
Gender Analysis Training for GAD Focal Point System	9,900.00
Forecasting Statistics as Method in Predicting Analytics in Data Science	0.00*
Orientation-Workshop on Philippine Anti-Illegal Drugs Strategy for DOST	0.00*
Training of Trainers on 5S Good Housekeeping	0.00*
2019 PLAI Congress: Inclusive. Innovative. Interconnected	12,540.00
4th Quarter Seminar and Meeting of Philippine Association for Government Budget Administration (PAGBA), INC.	109,103.00
Training in Capacitating Government Instrumentalities on the Citizen's Charter - Luzon Cluster	0.00*
Training on 2017 Rules on Administrative Cases in the Civil Service (2017 RACCS) and Write-shop of the proposed revision of DOST Administrative Order No. 005, Series of 2008 "Prescribing the Rules of Procedure for Disciplinary Cases in the DOST System."	0.00*
Levelling Sessions for Batch 2 of the DOST Speaker's Bureau (DSB)	0.00*
Training on Materials Management and Inventory Control	2,500.00
Training on Office Files and Records Management	7,840.00
Total	289,369.00

*No cost to DOST-STII

Department of Trade and Industry - Philippine Trade Training Center in organizing a Training on Quality Customer Service.

The central objective was to upscale the customer service skill of employees, especially those in the STII frontline services. Attended by 25 employees, this activity was held on 27 March 2019 at STII Mini Theater and was facilitated by Mr. Rene L.

Gacuma, a Resource Educator in Customer Relations Management for the International Training Center, the focal point institution in the United Nations system for technical cooperation in trade promotion and development.

2. Social Media at Workplace Seminar: Basic Knowledge on Handling Social Media Platforms

The Philippines has been named as the social media capital of the world because of the volume of usage of social media platforms by Filipinos. Because it is cheaper and faster in spreading information, many individuals, organizations, and corporation leverage social media in marketing their products or services and in disseminating information.

With the rapid growth of social media use, it is crucial for STII employees to first learn its basic form. On





29 April 2019, two professionals were invited by the Communication Resources and Production Division (CRPD) to share knowledge and help DOST-STII increase its social media reach and visibility.

Mr. Eduard Riparip, Segment Producer at GMA Network, Inc., presented the “Social Media at Workplace” and discussed the basic knowledge on handling social media platforms. Mr. Lemuel E. Basierto, Science Research Specialist II, shared the best practices of Philippine Council for Health Research and Development (PCHRD) on handling social media account. Both have inspired the participants to strengthen social media presence of DOST-STII.

3. Mentoring and Coaching for Leaders

Through a Memorandum of Agreement forged by DOST-STII and Civil Service Commission - Civil Service Institute, a Mentoring and Coaching for

Leaders seminar-workshop, exclusive for STII Division Chiefs and Supervisors, was held on 30-31 May 2019 at the Torre Venezia Suites. The two-day training, which was participated by 18 employees, aimed at helping them appreciate their roles as mentors and coaches, and understand the practices involve. These skills are integral parts of the performance management system.

Dr. Pearl U.S. Bernardo, a freelance consultant in Organizational Development, served as the resource speaker. She walked the participants through the principles, processes, and practices in mentoring and coaching sessions that will help improve not only their skills as mentor and coaches but also the performance of their mentee and coachee.

4. Basic Computer Troubleshooting

Industries all over the world have started embracing the use of technology at work. Computers, for





example, are now visible in the office space because of its capability to optimize the work we do. It transformed our ways and processes that it has become indispensable. A day without a functional computer set could affect productivity and delivery of outputs.

In order to lessen this possibility and to immediately resolve simple jams, the Information Technology Unit (ITU) conducted a Basic Computer Troubleshooting seminar on 29 August 2019. An internal resource speaker from the IT Unit, Mr. Lloyd Frederick R. Mandapat, Science Research Specialist II, discussed the general troubleshooting techniques and other usable tips to equip the participants with know-how in fixing basic computer and printer problems.

5. Seminar on Stress Management

Work-related stress plays a pivotal role in an employee's overall performance. Its effect can be positive or negative depending on the person's ability to manage it. Employees in the government are not immune in everyday stress. Knowing the strong correlation of stress and productivity, DOST-STII has been very supportive of programs that can help employees maintain adjustment and be totally functional despite being exposed to different occupational stresses.

On 25- 27 September 2019, Atty. Gina A. Crucio, the Director of the Civil Service Commission- Region VII, was tapped to be the Resource Speaker of the Stress Management Workshop. She covered a lot in the three-day activity and each day was filled with realization, plus good humor to counter stress.

The workshop was very much appreciated by the participants and was considered as an excellent topic for general audience. Conduct of similar workshops in the future such as time management, and behavioral management were recommended.

6. Event Organizing and Management Seminar: Kung Kaya Mo, Kaya Ko Rin!

The one-day seminar on event organizing and management was spearheaded by the Communication Resources and Production Division. Mr. Ruel Butch S. Pagcaliwagan from Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) was the speaker for this activity.

His presentation focused heavily on how to make a difference through celebrations, highlighting the significant details behind events and how to guarantee its success.

7. Information Literacy

The Information Resources and Analysis Division hosted a learning session on Information Literacy on 08 November 2019 at the CAST Room. One of the STII librarians, Ms. Khasian Eunice M. Romulo, facilitated the activity and encouraged the attendees to be a responsible sharer of information.

Recognizing the program on awards and incentives for service excellence (PRAISE) awardees

Rewards and recognitions are tangible means of motivating employees to hit the highest quality and quantity performance possible. It is one of the management's effective tool in cultivating employees' productivity, innovation, and best behavior in the workplace. While it aims to emphasize major breakthroughs, it also appreciates minor achievements, a stepping stones leading to future successes of DOST-STII.

Last 25 June 2019, DOST-STII recognized the employees who demonstrated stellar performance in 2018 during its 32nd Anniversary. This year was the second time the agency awarded its exemplars.

Beginning from the major PRAISE award, four employees of the agency were conferred with the





Director's Award. The awardees were, Ms. Arlene E. Centeno for Outstanding Manager; Mr. Rodolfo P. de Guzman for Outstanding Senior Technical Staff; Mr. Henry A. de Leon for Outstanding Junior Technical Staff; and Ms. Ma. Kristine B. Reyes for Outstanding Administrative Staff.

First this year, DOST-STII gave Special Awards to selected individuals and groups:

1. Khasian Eunice M. Romulo, Science Research Specialist I, Information Resources and Analysis Division
2. Irene A. Brillo, Science Research Specialist II, Information Resources and analysis Division
3. Irish D. Bulaon, Science Research Assistant, Information Resources and Analysis Division
4. Pacifico S. Paulo Jr., Science Research Specialist II Information Technology Unit
5. Haziel May C. Natorilla and Marievic V. Narquita, both Science Research Specialist II, Information Resources and Analysis Division
6. SFTP-MEDIA AWARDS TEAM composed of Ma. Lilibeth P. Padilla, Benedict P. Cagaanan, Allyana A. Almonte, and Karene E. Ramirez
7. SFTP-SOCIAL MEDIA TEAM composed of Framelia V. Anonas, Josemaria T. Zarraga, Judy Q. Aca-Saclamitao, Kimverlyn C. Sayson, and Laurence M. San Pedro
8. STARBOOKS-TELSTRA TEAM composed of Arjay C. Escondo, Lloyd Frederick R. Mandapat, Rosemarie C. Señora, Ceajay N. Valerio, and Reynaldo A. Morales Jr.
9. DOST-STII STARBOOKS TEAM composed of Alfon B. Narquita, Marievic V. Narquita, Arjay C. Escondo, Reynaldo A. Morales Jr., and Dandee Florence B. Manggao
10. DOSTv TEAM composed of Mona Carina E. Montevirgen, Lotuslei P. Dimagiba, Gelmi Liberty M. Miranda, Beejay A. Castillo, Karl Raven A. Ramon, Kevin Laurence L. Arriola, Resty R. Balila, Alpha Hessa L. Bierneza, Carmela P. Aguisanda, Donalyn S. Rempillo, Dominic P. Aquino, Jeffrey T. Centeno Vincent F. Tuyor, Xyrus Ivan B. de Gracia, Romulo B. Laurente, and Gerry B. Escalera
11. PROCUREMENT TEAM composed of Jona M. Bernal, Rachel Diana S. Mesias, Carlo O. Nebria, Benedict P. Cagaanan, Arlene E. Centeno, Alan C. Taule, Jaqueline C. Ballesteros, and Allyster A. Endozo
12. DOST-STII QUALITY MANAGEMENT

WINNING AS ONE

SYSTEM TEAM composed of Arlene E. Centeno, Alan C. Taule, Cecille Rose R. Suñga, and Ma. Teresa M. Rosqueta

Meanwhile, five employees were given Loyalty Award for their service in the government. The recipients included Ms. Arlene E. Centeno for 25 years; Ms. Geraldine B. Ducusin, and Ms. Ma. Teresa M. Rosqueta for 20 years; Mr. Ferdinand D. Cartas and Ms. Marievic V. Narquita for 15 years.

All plaques and certificates were presented by Civil Service Commission – DOST-STII Field Office Head, Director Philip C. Apostol and Director Richard P. Burgos.

This annual event is consistent with CSC-approved DOST-STII Program on Awards and Incentives for Service Excellence (PRAISE) that encourages, recognizes, and rewards personnel, individually and/or in group, for their creativity, suggestions, innovative ideas, inventions, discoveries, superior accomplishments,



heroic deeds, exemplary behavior, extraordinary acts or services to the public interest, and other personal efforts that contribute to the efficiency, economy, and improvement in government operations, which in turn led to organizational productivity.





Finance and Administrative Division

Arlene E. Centeno
Chief Administrative Officer

ACCOUNTING SECTION
Cecille Rose R. Sunga
Accountant III, Section Head

Jean B. Arabes
Administrative Officer IV

BUDGET SECTION
Jaqueline C. Ballesteros
Administrative Officer V, Section Head

CASHIER SECTION
Marites B. Pablo
Administrative Officer V, Section Head

Hannah T. Barrientos
Administrative Aide I
Cynthia L. Corcuera
Administrative Assistant I

RECORDS SECTION
Ma. Teresa M. Rosqueta
Administrative Officer V, Section Head

HUMAN RESOURCE SECTION
Ma. Kristine B. Reyes
Administrative Officer V, Section Head

Jose Herminio D. Sandoval
Administrative Officer V

PROPERTY SECTION
Jona M. Bernal
Administrative Officer V, Section Head

Romulo S. Rodriguez
Administrative Aide IV

Jaime V. Reyes
Administrative Aide IV

Ma. Rachel Diana S. Mesias
Administrative Aide I

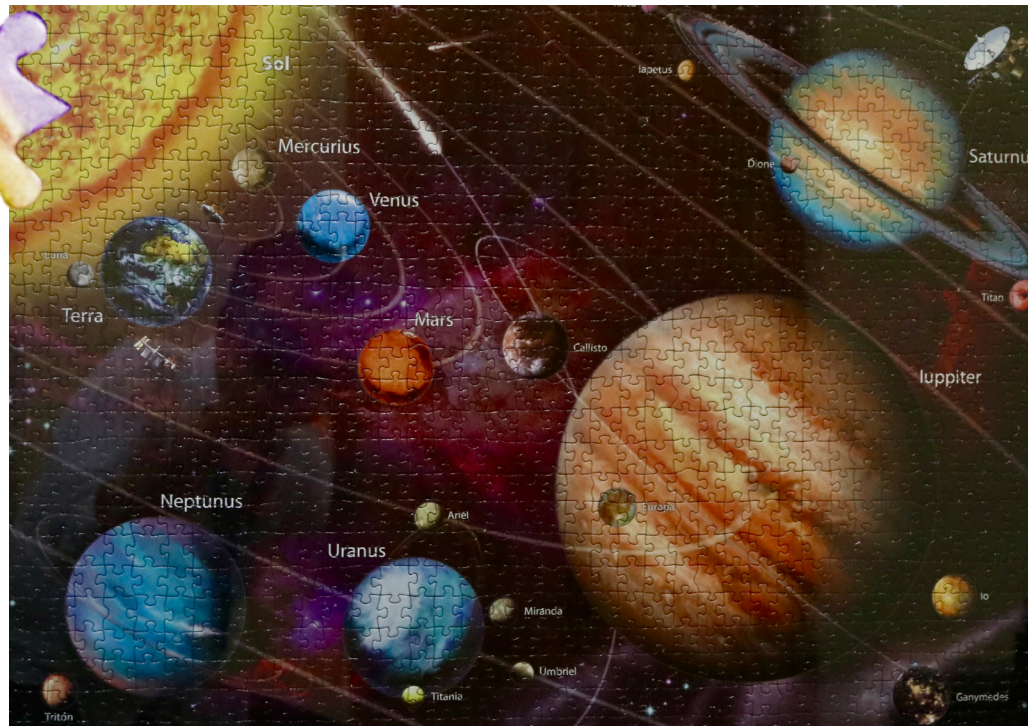
WINNING AS ONE



FFICE OF THE DIRECTOR

As DOST-STII Director, Mr. Richard P. Burgos was sworn in on March 7, 2016, saying that “we can’t do the same things all over again and expect different results.” True to his word, in a short span of four years, DOST-STII has achieved several accomplishments through collaborative efforts and by doing things differently.







In 2019, DOST-STII passed the ISO 9001:2015 Surveillance audit with no non-conformities. It was recognized by the Presidential Communications Operations Office as eFOI (Electronic Freedom of Information) compliant through STARBOOKS. It was endorsed by the Philippine Commission on Women for its Gender and Development initiatives.

Furthermore, through DOSTv: Science For The People, the science broadcast program of the Department of Science and Technology, DOST-STII was included as one of the finalists in the Government Best Practice Recognition, awarded with ANAK TV Seal for child safe and family-friendly television for two consecutive years, and nominated as Best Magazine Show by the Philippine Movie Press Club (PMPC) at the 2019 Star Awards for Television.

All of these were achieved through continuous endeavor to forge working partnerships with various stakeholders and organizations to widen the institute's network. For 2019, DOST-STII was able to ink partnerships with the following institutions:

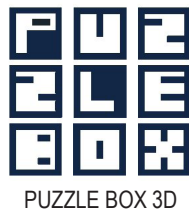
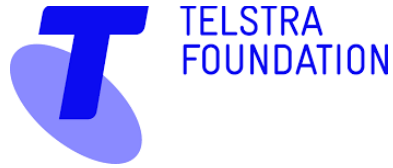
- Archipelago Philippine Ferries Corporation (operator of FastCat sea vessels)
- National Press Club of the Philippines
- Wazzup Pilipinas (group of bloggers/vloggers)
- Telstra Foundation
- Knowledge Channel
- Enchanted Kingdom
- Philippine Cyber Institute
- University of the Perpetual Help System
- American Spaces Philippines (U.S. Embassy)
- Association of Science and Mathematics Educators of Philippine Private Schools
- FELTA
- Puzzlebox 3D (renewed)
- Synergy88/ASI Studio
- Bangko Sentral ng Pilipinas
- Science Star Corporation
- DOST-FNRI
- Weather Philippines
- Presidential Communications Operations Office (FOI-PMO)



- Philippine Foundation for Science and Technology
- BluPoint and C&E
- Philippine Society of Youth Science Clubs
- Digital Out-Of-Home Philippines
- UP Academic League of Chemical Engineering Students (UP ALCHEMES)

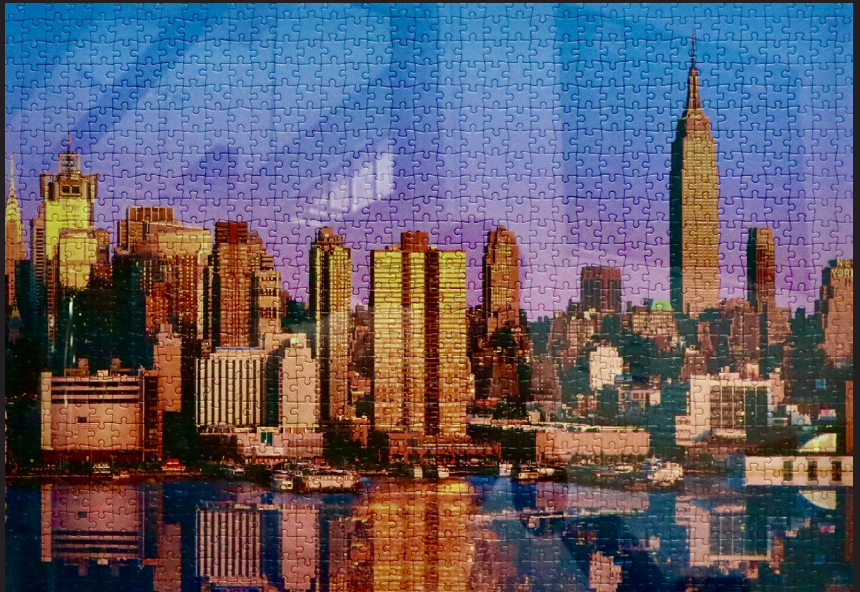
DOST-STII Partners





WINNING AS ONE







Information Technology Unit

This year, three major frontline services' systems have been further developed by the Information Technology Unit (ITU) that enables DOST-STII as well as other DOST agencies level-up S&T information dissemination.

1. SciNet Library Integrated Management System Deployment

In partnership with DOST-PCAARRD Information Technology Center e-Library, ITU provided a customized library management system called SLIMS to the DOST-PCAARD's library last October 2018. After series of test runs on DOST-PCAARD library, this 2019, under the Knowledge Networks of e-Libraries (KNeL) project, the team deployed SLIMS to five schools under the Agriculture, Aquatic and Resources Research and Development Consortium of state universities in the Philippines. The deployment of SLIMS garnered striking remarks from university librarians as the team formulates proficient IT solutions to their current library practices and standards.

2. INFOSERBILIS Formal Launch

Spearheading the development of the InfoSerbilis portal, ITU also led its formal launch last 28 March. How it worked as a service tool was explained in the unveiling of the system with its 5 steps, namely: (1) Receive info, (2)



Consortium	Date
Western Mindanao Agriculture, Aquatic and Natural Resources Research and Development Consortium (WESMAARRDEC)	22-25 Sep 2019
Central Luzon Agriculture, Aquatic and Resources Research and Development Consortium (CLAARRDEC)	07-09 Oct 2019
Cotabato Agriculture, Aquatic and Resources Research and Development Consortium (CAARRDEC)	23-26 Oct 2019
Bicol Consortium for Agriculture, Aquatic and Natural Resources and Development (BCAARRD)	18-21 Nov 2019
Cordillera Consortium for Agriculture, Aquatic and Resources Research and Development (CorCAARRD)	05-08 Nov 2019

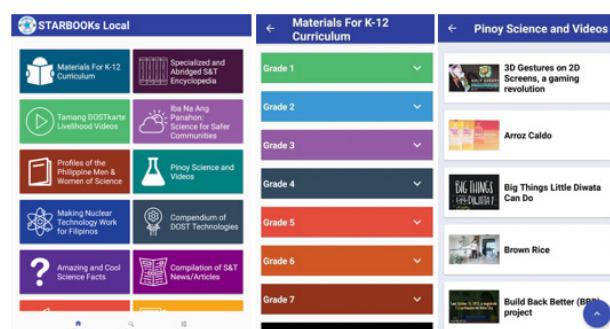


Encode, (3) Verify, (4) Publish, and (5) Open for Search. The IT system's design plays a vital role in the work flow of InfoSerbilis. This one-stop unified information portal stores collected general data about DOST agencies, products and services wherein the users are the agencies' frontliners who answer to public inquiries. Other than broadening the internal information service and reinventing information dissemination of the DOST, ITU has provided an invaluable solution to terminological inexactitude through InfoSerbilis.

3. STARBOOKS

– GeoMap

As the STARBOOKS sites increase in numbers, demand for site information comes in bulk from the deployment officers in the regions. Consequently, in November 2019, STARBOOKS GeoMap was perfected and demonstrated in the 8th STARBOOKS Deployment Officers' Workshop. This plotted map help DOST-STII and the DOST regional offices abridged the tedious process of requesting and collecting information of all the STARBOOKS sites in



the Philippines. The key features of the GeoMap include a search engine, plotted actual location of sites showing addresses in text and an interface to filter sites by region, province or city.

– Local Mobile Application

Accessing STARBOOKS content through phone is now possible as the STARBOOKS Local mobile application had its debut in 2019. This knowledge management gateway of STARBOOKS content was designed with bite-sized chunks of information that made the application user-friendly yet more engaging. ITU developed this mobile application to resolve queuing system on STARBOOKS sites due to scarcity of available computers.





Both STARBOOKS GeoMap and STARBOOKS Local are available in Google Play Store for Android users.

STARBOOKS Technical Assistance

There were 1,168 new STARBOOKS installations accomplished through the coordination of ITU with DOST regional offices and stakeholders. Aside from deployment assistance, ITU also amplified the technical skills of the STARBOOKS deployment officers in troubleshooting and configuration through demonstrating actual conduct of installation in two technical training in CALABARZON and Zamboanga last July and October, respectively.

– Quiz Development

ITU has also found a great way to market STARBOOKS content during large gatherings by developing the STARBOOKS Quiz. All questions and elaboration of answers came from the vetted STARBOOKS content. The quiz is categorized in three levels: (1) Grade School, (2) High School, and (3) College. As one of the most sought-



after exhibit at the National Science and Technology Week last July, STARBOOKS Quiz exhibit has been part of eight 2019 RSTW celebrations.

– Dumaguete Installation

Creating IT solutions for STARBOOKS has been one of the businesses of ITU. They went to innovate learning



materials in Negros Oriental after the installation of STARBOOKS to 400+ school tablets last June in partnership with the DOST Negros Oriental Provincial S&T Center.

4. Livestreaming Services for DOST activities

ITU provided livestreaming services for 11 events requested by different DOST agencies and regional offices.

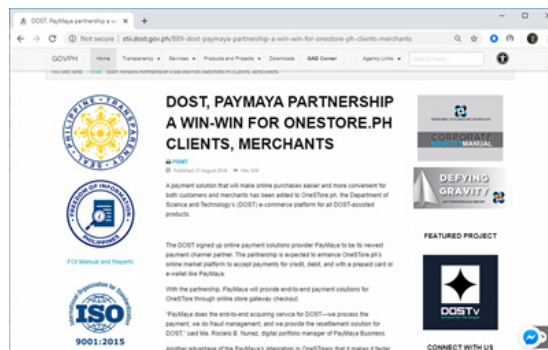
5. Regular System Development and Maintenance

Date	Event	Location
29-Jan	Business Forum on Space Science and Technology	Shangri-la, Manila
31-Jan	TELA Story	PICC, Pasay
20-21 March	Visayas Regional Scientific Meeting	Summit Hotel, Tacloban City
24-25 April	Luzon Regional Scientific Meeting	Ilocos Norte
09-Jul	Philippines Got Talents Sustainable Education, Talent Retention & Development	Sofitel Phil. Plaza Manila
10-11 July	41st Annual Scientific Meeting	EDSA Shang-ri-la
17-21 July	2019 NSTW Celebration	World Trade Center, Pasay City
06-Aug	Social Dimensions of Scientific Research	Function Room, Sequoia Hotel, Quezon City
26-30 August	RSTW Region II	Tuguegarao City, Cagayan
30-Aug	Technology Media Conference on Food	Malingap Central Food Hall, Diliman
05-Sep	Technology Media Conference: DOST Kaagapay sa Pag-Unlad	Crowne Plaza Manila Galleria

Aside from developing quality system for Web, mobile and library, ITU also handles the development and maintenance of in-house and online systems.

For the year 2019 alone, ITU performed 433 technical support with an equivalent rating of 4.72 or Very Satisfactory.

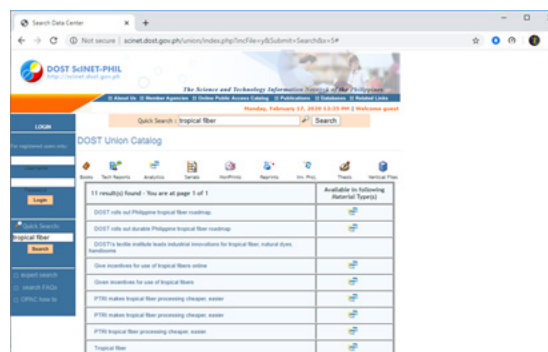
6. List of all the other in-house/online systems



Official DOST-STII Website : www.stii.dost.gov.ph



Science.ph: www.science.ph



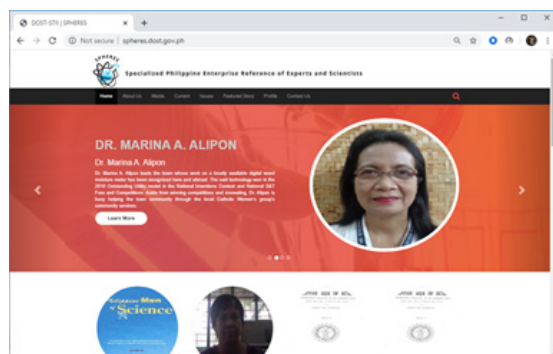
SciNet: scinet.dost.gov.ph



Philippine Journal of Science : philjournalsci.dost.gov.ph



STARBOOKS : www.starbooks.ph



SPHERES: spheres.dost.gov.ph



DOSTV : www.dostv.ph



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WINNING AS ONE



2019 National Science and Technology Week

Over the years, the Department of Science and Technology (DOST) has become successful in staging the celebration of the National Science and Technology Week (NSTW), an annual celebration that showcases the country's best in S&T innovations.

Anchored on the theme, "Science for The People: Enabling Technologies for Sustainable Development", the 2019 NSTW focused on the vital role of science and technology in helping bring and sustain inclusive growth, particularly in the countryside.

Once again, the DOST-Science and Technology Information Institute (STII) had been in the forefront of publicity and promotion for all the activities lined up for 2019, including the Regional Science and Technology Week (RSTW) celebrations in 16 regions across the country.

Media Engagement

On July 17, 2019, after the opening of the NSTW celebration, a press conference was organized by the DOST-STII to give opportunities to different DOST officials to share with members of the press on what to expect during the five-day celebration. In this event, Chris Tiu was introduced as new "S&T Brand Ambassador". The DOST-STII also supported press conferences conducted by regional offices during the 16 RSTW celebrations through facilitating the invitation of the national media. In all of these, the DOST-STII monitored 156 NSTW and RSTW related articles from 47 print publications and websites

Science Journalism Writeshops

Title	Venue	Duration	Topics	Resource Speakers
#ScienceJournoAko: A seminar-workshop on Vlogging	Joya Hall, World Trade Center, Pasay City	July 20, 2019	Telling Sci-Tech Story and Art of Video Storytelling	Mikael Angelo T. Francisco and Jerald T. Uy
#ScienceJournoAko: Communicating Science in Caraga Region	Bayugan Comprehensive National High School, Bayugan City, Agusan del Sur	September 04, 2019	Communicating Science to the People thru S&T News and Feature Writing and Art of the Interview	Henrylito D. Tacio and Allan Mauro V. Marfal
#ScienceJournoAko: Communicating Science in Davao Region	University of Immaculate Conception-Bajada campus	October 30, 2019	Communicating Science to the People thru S&T News and Feature Writing	Reuel John F. Lumawag, Mark Christian A. Lim and Harley T. Barrozo
			Capturing Images for S&T stories	
			Basic design and layout	

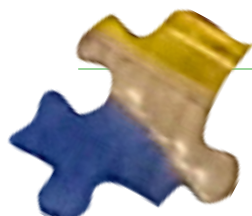
Production of Promotional Materials

Promotional Materials	Number of Copies	Recipient
2019 NSTW Souvenir Program	2,000	Guests and attendees during the opening of the 2019 NSTW celebration
Posters with General Program of Activities and tarpaulin	800 posters and 538 tarpaulin for RSTW celebrations	100 posters and 38 NSTW banner for DOST attached agencies RSTW 4A in Sta. Rosa City 100 posters and tarpaulin RSTW Caraga in Bayugan City 100 posters RSTW NCR in Pasig City 200 posters and 200 tarpaulin RSTW IVB in Palawan 100 posters RSTW V in Naga City 100 posters RSTW X in Bukidnon 100 posters

from July to December 2019. During this span also, 101 radio interviews and 69 TV interviews were also arranged by the Institute.

Social Media Report on 2019 NSTW and RSTW Celebrations

In line with the celebration of the National Science and Technology Week in the Philippines, the Department



#ScienceJournAko: Communicating Science in Mountain Province	Mountain Province State Polytechnic College	November 20-21, 2019	Communicating Science to the People thru S&T News and Feature Writing	Mikael Angelo T. Francisco, Ceajay N. Valerio, Jasmin Joyce P. Sevilla, and Glen Irwin Reynon
			Capturing Images for S&T stories	
			Copyediting	
			Basic Communication Research	

of Science and Technology, through its Science and Technology Information Institute (DOST-STII) started its social media campaign on 2018 to generate interest in science and technology to general audiences digitally.

As a marketing strategy, Facebook is one of the best tools in terms of solid track record of generating 96% of advertising, and experts say that Facebook produces greater record of information than any other social network. In terms of cross-posting of content during the event, DOST-STII's Instagram and Twitter were used to promote through tweets and photo uploads. Also, the team formulated an official hashtag #2019NSTW #ScienceForThePeople on each post.

As part of the assessment of the campaign, the dedicated social media team set a measurement of 10,000 reach for each post to be considered as viral.

Facebook insight in number of likes and reach

Generating public interest online, we saw a 53.22% increase in our number of likers in our official page. From 2018's 24,844 likers, we have now reached 38,065 likers as of 01 January 2020.

Table below shows the number of page posts per year. As indicated, for 2018 there were 382 social media posts created and 108 of them went viral. On 2019, only 88 posts were created and 18 went viral.

Of these 18 viral posts, the illustration on general program of activities caught much of the netizens' attention. It reached the 10,000-mark in just an hour since its posting and also garnered the top spot among our list of viral posts for the duration of the campaign. Occupying the second spot is a meme focusing on the

	2018 (Jan-Dec)	2019 (Jan-Dec)	Total Increase (Decrease)	Percentage Increase (Decrease)
No. of Page Likes	24,844	38,065	13,221	53.22%
No. of Page Posts	382	88		
No. of Total Reach	1,037,025	1,280,267	243,242	23.46%
No. of Engagement	240,751	94,776	-145,975	

Viral Posts from July to December 2019

Without the aid of boosting, a total of 18 social media posts went viral* as of 09 January 2020, 11:00 PM.

TOPIC	DATE POSTED	ORGANIC REACH
Pre-registration Post: Song Meme	20 June 2019	152,119
Pre-registration Guide (Illustration)	27 June 2019	105,993
Pre-registration Post: Daniela Meme	2 July 2019	68,447
NSTW Countdown: 20-second Video	7 July 2019	38,915



Other Post: DepEd Memorandum	8 July 2019	30,312
NSTW Countdown: WTC Map	8 July 2019	10,307
NSTW Countdown: 7 things to do at the 2019 NSTW	11 July 2019	105,352
NSTW Countdown: Chris Tiu Invitation Video	13 July 2019	66,710
NSTW Countdown: Exhibit Area Map (Illustration)	14 July 2019	54,246
Other Post: General Program of Activities (Illustration)	15 July 2019	187,769
NSTW Countdown: Updated public forum schedule	16 July 2019	48,269
NSTW Countdown: Outro video in prep of the 2019 NSTW	16 July 2019	57,233
Other Post: Pre-registration Closing Advisory (meme)	16 July 2019	38,866
Live Update: Innovation Park (Photo Release)	17 July 2019	32,907
Live Update: Eel Production Booth (Photo release)	18 July 2019	11,596
Live Update: Day 3 of 2019 NSTW (Photo Release)	19 July 2019	12,068
Live Update: Interesting displays (Photo Release)	20 July 2019	11,238
RSTW Davao: Technology Spotlight	30 October 2019	11,382

*Post is considered viral upon reaching 10,000 within a month of posting

pre-registration which easily went viral after an hour since its posting last 20 June. Coming in third was the post about the “NSTW Countdown: 7 Things to do at the 2019 NSTW” which went viral after an hour and a half since its posting last 11 July.

The “Pre-registration” and “7 things to do at the 2019 NSTW” posts continue to generate public interest as reactions and/or comments kept coming. For instance, the “7 things to do illustration” went beyond its exposure on Facebook as a netizen tweeted about it that probably caught the attention of other social media platforms. Also, “Discovery MNL”, one of the famous millennial websites,

made an article talking about 2019 NSTW and captured the illustrations posted. Here’s the link of the said post: <http://www.discovermnl.com/dost-nstw-2019>.

DOSTv: NSTW/RSTW Report

All five (5) requested DOSTv coverages were covered by the team and aired corresponding content on TV and on social media. The team also served as exhibitor in all eight (8) invitations to the Technology Fair.

Write-up stories for NSTW and RSTW celebrations

2019 NSTW Stories		
Title	Publication	Issue (Month/Quarter)
2019 NSTW focuses on S&T’s role in attaining sustainable dev’t goals	S&T Post	Second Quarter
	BalitangRapiDOST (Title: Sec. de la Peña binigyang importansya ang mahalagang papel ng DOST para tugunan ang iba’t-ibang suliraning panlipunan)	August
2019 RSTW Schedules	S&T Post	Second Quarter
DOST’s S&T week focuses on SDGs attainment thru technologies, innovation	S&T Post	Third Quarter
NSTW moved to November	S&T Post	Third Quarter

Chris Tiu named as DOST ambassador	S&T Post	Third Quarter
	DOST Digest (Photo release)	July
Technology innovations help achieve UN dev't goals, science chief say	S&T Post	Third Quarter
	DOST Digest	July
	BalitangRapiDOST (Title: DOST Sec. de la Peña, binigyang diin ang mahalagang papel ng makabagong teknolohiya para makamit ang kaunlaran sa bansa)	July
DOST awards outstanding innovators, researchers, science administrator	S&T Post	Third Quarter
	BalitangRapiDOST	July
	(Title: Mga natatanging Pilipino ng siyentista, nagsipag-ani ng parangal sa 2019 NSTW)	
Science learning on-the-go: DOST launches 'nuLab' to discover future scientists, innovators	S&T Post	Third Quarter
	DOST Digest	July
Building multi-stakeholder partnerships key to achieving SDGs	S&T Post	Third Quarter
DOST-PAGASA develops forecasting and warning system for storm surge	S&T Post	Third Quarter
Studes get the groove in "Hataw-Agham"	S&T Post	Third Quarter
DOST-SEI celebrates scholar-achievers	S&T Post	Third Quarter
'HIV, not a death sentence,' says advocate	S&T Post	Third Quarter
PH metrology lab levels up with new calibration services	S&T Post	Third Quarter
DOST-supported project makes physical therapy easier in PH	S&T Post	Third Quarter
	DOST Digest	July
DOST's grassroots innovation plan focuses on SDGs attainment	S&T Post	Third Quarter
UPLB researcher pushes for germplasm conservation of indigenous trees	S&T Post	Third Quarter
DOST-ITDI unwraps the goods on 'smart packaging'	S&T Post	Third Quarter
Dressing up to perfection the scientific way	S&T Post	Third Quarter
Surigao fisherfolk coop wins Best SETUP Adoptor award	S&T Post	Third Quarter
MoJo: Making science communication more exciting	S&T Post	Third Quarter
Sailing the seas of science: A Filipina's voyage	S&T Post	Third Quarter
Cloud in a bottle (photo release)	DOST Digest	July
"Katutubong Gulay", itinanghal ng DOST-PCAARRD SA 2019 NSTW	Balitang RapiDOST	July

**List of 2019 RSTW Stories
published in S&T Post, DOST Digest, and Balitang RapiDOST**

2019 RSTW Stories			
Title	Region	Publication	Issue (Month/Quarter)
Science chief urges entrepreneurship in Region III	III	S&T Post	Third Quarter
S&T week lights up Siquijor	VII	S&T Post	Third Quarter
Eastern Visayas RSTW highlights DOST's role in addressing social concerns	VIII	S&T Post	Third Quarter
Amidst the rain, S&T still reigns in the valley	II	S&T Post	Third Quarter
DOST-II nagbigay parangal sa mga natatanging imbensyon sa rehiyon	II	BalitangRapiDOST	July
Bicol S&T Centrum now an attraction	V	S&T Post	Fourth Quarter
		BalitangRapiDOST (Title: Mas pinagandang Bicol Science and Technology Centrum inilunsad)	September
Changing people's lives through SETUP	II	S&T Post	Fourth Quarter
DOST's sustainable dev't initiatives banner regional S&T fair in CALABARZON	IV-A	S&T Post	Fourth Quarter
		Balitang RapiDOST (Title: Sustainable development tampok saselebrasyon ng S&T sa CALABARZON)	September
Outstanding Pasigueño DOST scholars honored in NCR-RSTW	NCR	S&T Post	Fourth Quarter
Ilocos businesses invest in S&T	I	S&T Post	Fourth Quarter
DOST-PAGASA weather station to rise in Siquijor	VII	DOST Digest	August
DOST partners with logistics provider for OneStore (photo release)	II	DOST Digest	August
		BalitangRapiDOST	August
DOST-Region IX RSTW showcases Filipino ingenuity (photo release)	IX	DOST Digest	September
S&T spirit stands firm amid Mindanao quake	XI	DOST Digest	December
DOST leads biggest S&T celebration in Western Visayas	VI	DOST Digest	December

NOTE: DOSTv coverage and exhibits functions during RSTWs were based on written requests from the DOST Regional Offices or appropriate authority.

The highest views of DOSTv content related to NSTW/ RSTW exceeding 2,000 views peaked when Sec. Fortunato T. de la Peña was one of the interviewees as seen in the July 25 and November 20 broadcasts. In terms of topics, audience engagement was reported in student related matters such as S&T quiz which was featured in the episode that aired on November 21 garnering 3.1k views. Moreover, it

was also revealed that business related stories attracted many views (1.9k views) as seen in the November 22 airing.

Meanwhile, RSTWs in CAR, CALABARZON, and NCR were the most visited exhibits exceeding 500 guests. It was only in Davao RSTW where guests were minimal (not exceeding 100 visitors) due to earthquakes that happened during the time it was held.

In an effort to widely promote the NSTW and RSTW activities, DOSTv advertised through the Digital Out-of-Home (DOOH) providing LED and Static billboards

SPECIAL EVENTS



2019 RSTW Cordillera Administrative Region



2019 RSTW National Capital Region



2019 RSTW CALABARZON



2019 RSTW Davao Region

DOSTv Coverage and Exhibit Matrix

Requesting Region/ Event	DOSTv Coverage	# of Content Aired	DOSTv Segment	Date Aired on Facebook	Total # of Views (as of 01/29/2020)	DOSTv Exhibit	Estimated Number of Guests
NSTW	July 17-21	NSTW 1	DOSTv Special Coverage	July 19	1.3k Views	July 17-21	368 (Number of students who received DOSTv merchandise, not by attendance)
		NSTW 2		July 22	473 Views		
		NSTW 3		July 23	468 Views		
		NSTW 4		July 24	498 Views		
		NSTW 5		July 25	2.1 Views		
		NSTW 6		July 26	615 Views		
DOST-I						Sep 16-18	176 (based on attendance)
DOST-CAR	Nov 18-22	4	Balitang RapiDOST	Nov 20	2.1k Views	Nov 18-22	551 (based on attendance)
				Nov 21	3.1k Views		
				Nov 22	1.9k Views		
				Nov 24	1.7 Views		
DOST-NCR	Oct 2-4	1	Balitang RapiDOST	Oct 15	301 Views	Oct 2-4	512 (based on attendance)
DOST-IVA						Sep 24-27	435 (based on attendance)
DOST-VI	Oct 21-23	1	Balitang RapiDOST	Not aired separately due to time relevance but aired inside a packaged episode			
DOST-VII	Aug 15-18	2	DOSTv Special Coverage	Aug 22	1.1k Views	Aug 15-18	101 (based on attendance)
				Aug 23	452 Views		
DOST-IX						Sep 8-11	542 (based on attendance)
DOST-XI						Oct 28-30	51 (based on attendance: due to subsequent earthquake, minimal students attended the event)

from July-October 2019 and August-November 2019, respectively. It was strategically located in traffic congested areas such as Magallanes, C5 entry, and Bicutan Southbound and Northbound, among others. Based from DOOH data, more than 1 million vehicles per day pass thru the combined locations mentioned.



Number of Vehicle per day per location.

Location	Billboard Type	Vehicle/Day
GA Tower	LED	225,115
Magallanes	LED	176,309
C5 Entry	Static	285,000
Bicutan Northbound	Static	285,000
Bicutan Southbound	Static	285,000
Total		1,256,424

WINNING AS ONE



2019 National Biotechnology Week Celebration

The Department of Science and Technology-Science and Technology Information Institute has taken active participation for the 15th National Biotechnology Week Celebration which happened from November 25 to 29, 2019 at the lobby of the National Kidney and Transplant Institute (NKTII) in East Avenue, Quezon City.

It includes the photo and video coverage and write-up stories for opening and closing ceremonies of the 15th NBW celebration as well as the DOST-organized events.

Also, DOSTv aired footages of the different activities during the forum organized by DOST-Philippine Science High School System and DOST-National Research Council of the Philippines.

The social media campaign launched by DOST-STII could have played a vital part for the high number of attendees during the 15th NBW celebration. The social media team of DOST-STII, with the assistance of different participating agencies of NBW, had posted trivia, news articles, photo and video clips and other relevant information on various products, services, and experts in biotechnology on the official NBW facebook page. A 10-day countdown was also launched to highlight different biotechnology initiatives



and products of the participating agencies. DOST-STII's social media team also posted regular updates on different forum and happenings in the exhibit area during the five-day celebration.





Employees Association

The year 2019 was for the DOST-STII Employees Association (DOST-STII EA) with several positive changes that came with the election of the new Board of Directors in the middle of the year.

Together with this, a new direction was set that further strengthened the association and upheld a harmonious relationship between DOST-STII management and DOST-STII employees.

On 02 August 2019, the first general assembly took place as the members of the DOST-STII EA were able to listen and ask inquiries and clarifications on the proposals of three (3) Health Maintenance Organization (HMO) providers. Then, on 10 September 2019, in collaboration with the DOST-TAPI Employees Association, several members of the DOST-STII EA participated in a Blood Letting Activity of the Red Cross Philippines-Taguig Chapter.

In order to help the employees of the Institute to manage its own income and savings in an efficient and effective way, the DOST-STII EA organized a financial literacy seminar on 13 December 2019 held at the DOST-STII Mini-Theater.

Meanwhile, on 16 December 2019, in partnership with DOST-STII Human Resource Section, the DOST-STII EA conducted a Corporate Social Responsibility (CSR) activity in Bahay ni Maria.



STII-EA President Ms. Sheila Marie Anne J. de Luna stresses the importance of financial literacy to avoid getting into financial difficulties.



Also, the DOST-STII EA helped in organizing the Thanksgiving Get-together for all the employees and partners of the Institute on 18 December 2019 at the Mini-Theater.



The speakers gave sound advice on how to manage financial resources.



Participants of the financial literacy seminar during a light moment.

Take Off with Constancy of Purpose – Gender and Development (GAD) at DOST-STII

Marked with a series of firsts, Gender and Development at DOST-STII took off with constancy of purpose as these were fortified in 2019, building on the combined basis of policy and decisive action.

Reconstituting its GAD Focal Point System with a new technical working group chair and additional members, DOST-STII invested on empowerment via communicating basic GAD knowledge and awareness through trainings and activities.

Reconstituted DOST-STII GAD Focal Point System (GFPS)

CHAIRPERSON:	TIME PERIOD
Mr. Richard P. Burgos, Director, STII	2017 to present
EXECUTIVE COMMITTEE:	
Ms. Arlene E. Centeno, Chief, FAD	2013 to present
Mr. Alan C. Taule, Chief, IRAD	2016 to present
Ms. Mona Carina E. Montevirgen, OIC, Office of the Chief- CRPD	2019 to present
TECHNICAL WORKING GROUP (TWG):	
GAD TWG Chairperson:	
Ms. Geraldine B. Ducusin, Supervising SRS	2019 to present
Members:	
Mr. Benedict P. Cagaanan, Supervising SRS	2019 to present
Ms. Ma. Kristine B. Reyes, Administrative Officer V	2017 to present
Ms. Jaqueline C. Ballesteros, Administrative Officer V	2017 to present
Ms. Haziell May C. Natorilla, Science Research Specialist II	2016 to present
Mr. Pacifico S. Paulo, Jr., Science Research Specialist II	2019 to present
Ms. Marievic V. Narquita, Science Research Specialist II	2013 to present
Mr. Allan Mauro V. Marfal, Printing Press Supervisor	2018 to present
Ms. Sheila Marie Anne De Luna, EA President	2019 to present
Secretariat:	
Ms. Khasian Eunice M. Romulo, Science Research Specialist I	2017 to present

DOST-STII strengthened its people with active participation in the Women's Month, 18-Day Campaign to End VAW, and other GAD related trainings.

2019 GAD Activities	Date
Women's Month Celebration	March 19, 2019
GAD Mainstreaming and Analysis among DOST-STII GFPS and Project Leaders	April 3-5, 2019
Harmonized Gender and Development Guidelines and Gender Responsive Planning and Budgeting	May 15-17, 2019
Gender Analysis Training for GAD Focal Point System	August 22-23, 2019
DOST GAD Focal Point Assembly 2019	November 5-7, 2019
Levelling Session on Basic GAD Concepts, Gender Analysis, and GAD Planning and Budgeting for the Potential Members of the DOST Speakers' Bureau	November 27-29, 2019
18-Day Campaign to End Violence Against Women Celebration	December 2, 2019

This year's GFPS team pioneered the first-ever two-part series of basic GAD trainings involving project leaders and staff along with unit heads. Implementers of DOST-STII library services and ongoing, flagship projects such as DOSTv and STARBOOKS were immersed in comprehensive and contextualized lessons that effectively raised the morale of its project leaders and key players to articulate what they were doing in GAD terms. The realization that S&T communication has specific needs





allowed participants to draw and determine their own GAD-aligned objectives and commitments to add in their collaboration methods with DOST regional offices and its stakeholders.

Also exclusive to this GAD lecture series was the first-ever customized presentation of GAD principles for the unique work of DOST-STII as the S&T information arm. Engaging and powerful discussions generated much



guidance on the ideology of gender mainstreaming, gender analysis, and requirements of the harmonized gender and development guidelines, pivoting the organization towards an uphill climb with renewed appreciation in a language that makes sense to our S&T communicators' pride and passion.

Demonstrating DOST-STII's prowess is DOST-STII's first-ever participative creation of its 2020 GAD Plan and Budget with implementer-driven inputs and GAD-aligned S&T communication commitments. Painstaking efforts to reinvent communication and prioritize GAD requirements at DOST-STII enabled the timely submission to Philippine Commission on Women and endorsement of the same.

Sustaining the momentum of DOST-STII's dedication continues to be seen in its active participation and support to DOST's GAD events. DOST praised DOST-STII for its steady improvement in its Gender Mainstreaming and Evaluation Framework scores that reflected GAD efforts in the last three years from 2016-2018. Combined with an update on new things being done since January 2019, DOST-STII's GFPS TWG Chair showcased for the first time DOST-STII's best practices at the DOST GAD Focal Point Assembly 2019. The lecture was well-received and applauded by fellow DOST GAD representatives who could empathize and relate with DOST-STII's humble beginnings and bottlenecks, thus giving them hope that success is marked with both discipline and constancy of

purpose in the little things and big things alike.

DOST-STII received great opportunities to expand its GAD mainstreaming reach when DOST-STII GFPS members joined the invitation to the levelling session for potential members of the DOST Speakers' Bureau. Potential members that pass the PCW's demonstration exam on 2020 will be admitted into DOST's pool of speakers and are expected to teach the DOST GAD Kit material along with PCW's references.

Also a first on this year's GAD GFPS was a joint film showing activity that integrated DOST-STII's library network with the 18-Day Campaign to End Violence Against Women celebration for employees.

Finally, GAD's overall importance increased at DOST-STII as the latest mission and vision now included the all-encompassing term "inclusive and gender responsive" as a way to affirm that the overall outcome desired – that communication materials and services at DOST-STII will pay more attention to specify the general public in its audiences according to GAD principles. This active incorporation of GAD presence in DOST-STII's organizational Vision and Mission and the call for commitments for a GAD plan at the Strategic Planning Workshop for 2020-2022 last December 11-12, 2019 is a powerful testimony that together, we can win in Gender and Development as one.



Construction of library extension (left) and ribbon cutting and blessing of the extension building held on 25 June 2019.

Recognition and Partnership Day | 25 June 2019

On 25 June 2019, the Department of Science and Technology-Science and Technology Information Institute (DOST-STII) celebrated its Recognition and Partnership Day as it marked its 32nd year as an Institute. During the celebration, the DOST-STII officially inaugurated its newly-built extension building, which was named after DOST Secretary Fortunato T. de la Peña. Also, they proudly presented their 2018 Performance Report highlighting the Institute's accomplishments for the past year.

Among the notable DOST-STII employees who were recognized during the celebration were the following graduates of the Massive Open Online Course (MOOC) Camp Program on Iterative Innovation Process, which was facilitated at the DOST-STII in partnership with the US Embassy Cultural Affairs Office from April to May 2019:

- Jonathan Abalon, Computer Programmer II;
- Annie Lyn Bacani, Science Research Specialist II;
- Hannah Barrientos, Administrative Aide I;
- Jessica Barrientos, Science Research Specialist II;
- Melchelyn Batang, Administrative Assistant;
- Louella Labasbas, Science Research Specialist I;
- Haziel May Natorilla, Science Research Specialist II;
- Jonathan Bradd Omega, Science Research Specialist II;

- Francis Nikko Perez, Computer Programmer II;
- Pacifico Paulo, Science Research Specialist II;
- Karene Ramirez, Clerk III; and
- Khasian Romulo, Science Research Specialist I.

In addition, the DOST-STII PRAISE Awards 2019 was also conducted on the same day, which recognized distinguished employees who bagged the following Director's Awards:

- Outstanding Administrative Staff: Kristine B. Reyes
- Outstanding Junior Technical Staff: Henry A. de Leon
- Outstanding Senior Technical Staff: Rodolfo P. de Guzman
- Outstanding Manager: Arlene E. Centeno

The following DOST-STII employees were also given due commendations for their exemplary work performance rendered in the completion of a specific task, project or activity.

For the group commendations:

- **SFTP-Media Awards Team:** Lilibeth P. Padilla, Karene Ramirez, Benedict P. Cagaanan, and Allyana A. Almonte;
- **Social Media Team:** Framelia V. Anonas, Josemaria T. Zarraga, Judy Q. Aca-Saclamitao, Kimverlyn C.

SPECIAL EVENTS



- Sayson, Laurence M. San Pedro, and Enrico Belga Jr.
- **STARBOOKS-TELSTRA Team:** Reynaldo A. Morales Jr., Arjay C. Escondo, Lloyd Frederick Mandapat, Rosemarie C. Señora, and Ceajay N. Valerio.
 - **DOST-STII STARBOOKS Team:** Alfon B. Narquita, Marievic V. Narquita, Arjay C. Escondo, Reynaldo A. Morales Jr., and Dandee Florence B. Manggao.
 - **DOSTv Team:** Mona Carina E. Montevirgen, Lotuslei P. Dimagiba, Gelmi Liberty M. Miranda, Beejay A. Castillo, Karl Raven A. Ramon, Kevin Laurence L. Arriola, Resty R. Balila, Alpha Hessa L. Bierneza, Carmela P. Aguisanda, Donalyn S. Rempillo, Dominic P. Aquino, Jeffrey T. Centeno Vincent F. Tuyor, Xyrus Ivan B. De Gracia, Romulo B. Laurente, and Gerry B. Escalera.
 - **Procurement Team:** Jona M. Bernal, Rachel Diana S. Mesias, Carlo O. Nebria, Benedict P. Cagaanan, Arlene E. Centeno, Alan C. Taule, Jaqueline C. Ballesteros, and Allyster A. Endozo.
 - **DOST-STII Quality Management System Team:** Arlene E. Centeno, Alan C. Taule, Cecille Rose R. Suñga, and Ma. Teresa M. Rosqueta

For the individual commendations:

- Irene A. Brillo, Science Research Specialist II;
- Khasian Eunice M. Romulo, Science Research Specialist I;
- Irish D. Bulaon, Science Research Assistant;
- Pacifico S. Paulo Jr., Science Research Specialist II.
- Haziel May C. Natorilla, Science Research Specialist II; and
- Marievic Narquita, Science Research Specialist II.

Aside from this, the following DOST-STII employees were given the Loyalty Service Award celebrating their milestone year of service working in the Institute:

- Ferdinand D. Cartas (Printing Machine Operator II), 15 years;
- Marievic Narquita, 15 years;
- Ma. Teresa Rosqueta (Science Research Specialist II), 20 years;
- Geraldine B. Ducusin (Supervising Science Research Specialist), 20 years; and
- Arlene Centeno (Chief Administrative Officer), 25 years.



The blessing of the DOST-STII Library extension.

Another highlight of the festivities was the signing of memoranda between DOST-STII, as represented by DOST-STII Dir. Richard P. Burgos, and the following partners:

- Manila Water Foundation represented by Executive Director Reginald M. Andal;
- Puzzlebox 3D represented by Business Development Manager Svenstern G. Cu;
- Radyo Pilipinas represented by Station Manager Alan L. Allanigue;
- Presidential Communications Operations Office represented by Asec. Kristian Ablan; and
- Wazzup Pilipinas represented by Founder and Editor-in-Chief Ross Flores del Rosario.

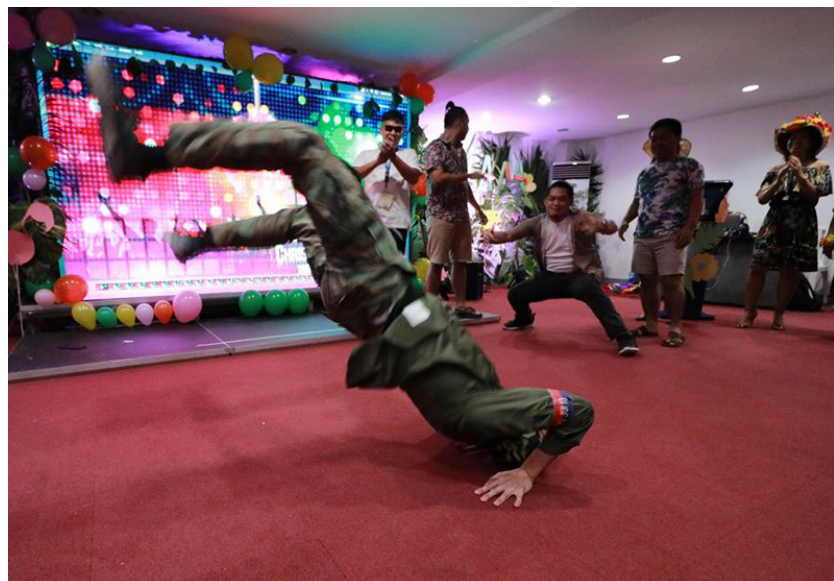
Before the event officially concluded, the newly elected officials of DOST-STII Employees' Association (EA) took their oath presided by DOST-STII Dir. Burgos. The STII EA Executive Committee for 2019-2021 were as follows:

- Sheila Anne J. de Luna, President;
- Henry A. de Leon, Vice President
- Allan Mauro Marfal, Vice President for External Affairs;
- Pacifico S. Paulo Jr., Vice President for Internal Affairs;
- Ma. Teresa M. Rosqueta, Treasurer;
- Jaqueline C. Ballesteros, Credit Committee; and
- Jasmin Joyce P. Sevilla, Secretary.





SPECIAL EVENTS



Thanksgiving Get-together

18 December 2019

The Department of Science and Technology Information Institute (DOST-STII) capped off the year by having a Havana-themed Thanksgiving Get-together on 18 December 2019. This simple but festive gathering filled with group performances, fun games, and gift-giving, was a fitting culmination, not only to celebrate the holiday season but also to be grateful for the efforts of DOST-STII employees who worked together to achieve their targets and accomplishments for the past year.

WINNING AS ONE

SPECIAL EVENTS



Work-Life Balance: I Can!



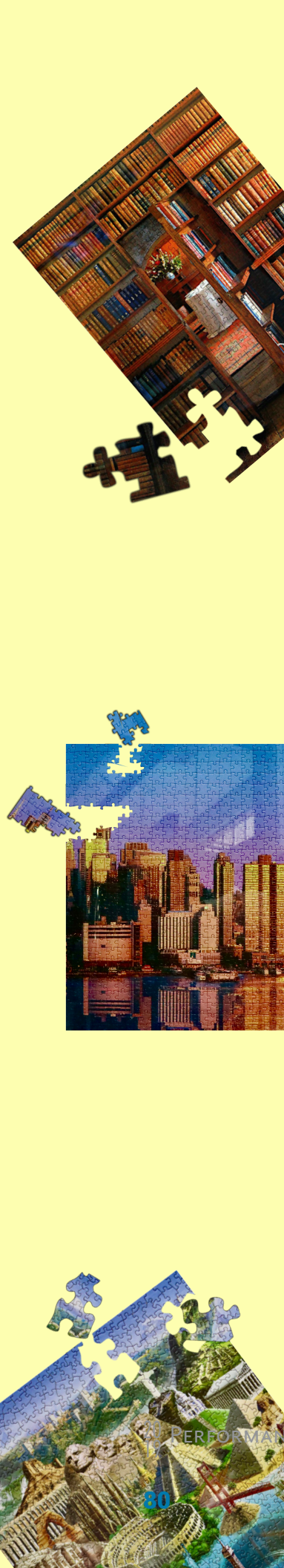
Numerous deliverables and heavy workload in the workplace are a no brainer; but a healthy organization values health and work equally. These elements are critical as they play a major role in keeping the overall sustainable performance of the organization. DOST-STII believes that when its employees are well-taken care of, they would be able to perform better in their tasks and exert effort on how to contribute and innovate more.

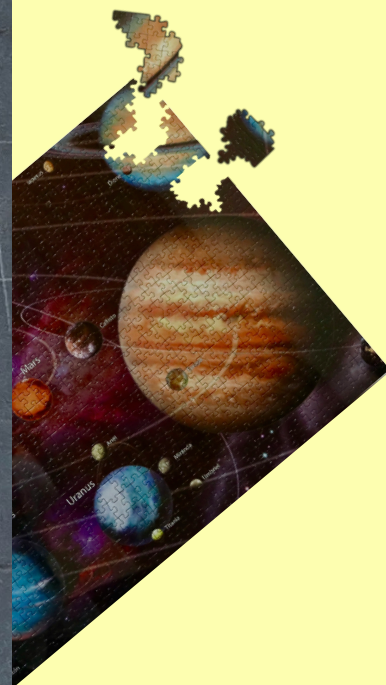
On 08-09 August 2019, STII employees and staff were ecstatic to participate in the seminar on work-life balance cum team enhancement activity at the Bakasyunan Resort and Conference Center in Tanay, Rizal. The morning session was graced by Ms. Rio Laine Bringuelo who gave handful tips on how to juggle work-life balance flawlessly. Part of her

seminar was to conduct a series of activities that unraveled the participants' personal priorities and goals that they want to achieve.

Meanwhile, the afternoon activity challenged the physical strength and camaraderie among groups as they faced different indoor and outdoor games such as dodgeball, pipeline relay, blindfold relay, human minesweeper, chopsticks match, and tug-of-war. The evening activity was filled with dashing and glamorous pairs who competed for the Mr. and Ms. Team Building 2019 and the anticipated group performance. The activity concluded with Powder Blue Team as overall winner.

WINNING AS ONE







Arlene E. Centeno
Chief, FAD

Richard P. Burgos
Director

Alan C. Taule
Chief, IRAD

Mona Carina E. Montevirgen
Officer-in-Charge, CRPD





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Alan C. Taule
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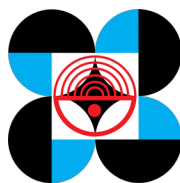
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