

2011 Performance Report

Changing the Mindset





about the cover

Sky lanterns when unlit are just pieces of flat, thin, wrinkly paper that appear plain and useless. But when the flame is ignited inside and these lanterns are released into the sky, they turn into magnificent glowing orbs that cast a warm, calming light all over the land.

The releasing of sky lanterns into the evening sky was the highlight of the Ignite the Mind year-end activity handled by STII in 2011. A grand spectacle that illuminated the skies, the lanterns were perceived as exciting and new among the DOST

Family. These lanterns soared into the dark night along with the hopes and dreams of the science community written in pieces of paper.

Information in whatever form will just probably be a bunch of printed words, sounds or pictures if the reader does not find any meaning to it, or if no new knowledge and awareness has been achieved. The light from the flame of the lantern may very well symbolize learning and new ideas. Thus, the shift from darkness to light is the change that STII wants to achieve in bringing scientific and technological information to every Filipino – a change in mindset, a new way of doing things, and a desire to make a difference.

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Philosophy

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.

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, 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 STII. With the advances in ICT, and the increasing demand for S&T information, STII must keep pace by employing and training communication and information professionals who can meet the standards of competent service.



Mission

To make timely, relevant, and quality S&T information accessible through resource-sharing, networking, broader and faster delivery systems;

- To keep the various stakeholders updated on local and international S&T developments;
- To promote public awareness, understanding, and appreciation for S&T and its role in development.



Vision

A globally-recognized center for S&T information dedicated to the empowerment of the nation's key sectors, that contributes to the improvement of Philippine society.



STII is mandated to

- establish a science and technology databank and library;
- disseminate science and technology information; and
- undertake training on science and technology information.

These mandates on which the existence of the Institute is anchored appear simple, but crucial. Building the S&T information reservoir; promoting and propagating information; and strengthening our human resource infrastructure through training and other learning approaches are elements that never ceased to be a challenge for STII.

Message

My warmest greetings to the men and women of the Science and Technology Information Institute (STII) as they report their accomplishments in their 2011 Annual Report.

Let me take this opportunity to salute STII's strong showing in pushing the good news about the events, programs, and activities of the Department of Science and Technology (DOST), as well as the latest useful knowhow and technologies that we can claim as our very own. Through your dedication and passion to your work, the DOST was able to break new ground in engaging our constituents in providing accurate and timely information services, which was most evident in the aftermath of the Fukushima nuclear incident in March 2011.

I am confident STII's commitment to promote the greater use of and appreciation for S&T information through its continuing resource sharing activities and popularization services shall be instrumental in showing the way toward the "matuwid na daan" promised by President Benigno S. Aquino III.

Mabuhay ang STII!


MARIO G. MONTEJO
Secretary



"DOST was able to break new grounds in engaging our constituents in providing accurate and timely information services"



"Change the mindset. . . we were able to achieve new and creative modalities for upholding STII's mandates and responsibilities."

Message

On behalf of the Science and Technology Information Institute (STII), I am pleased to present our 2011 Annual Report.

In three words, our endeavors could be summed up with this mantra: "Change the mindset." Indeed, through the projects, activities, and services the Institute has undertaken in 2011, we were able to achieve new and creative modalities for upholding STII's mandates and responsibilities.

At the same time, we never lost sight of the constant need to take on new challenges and explore new opportunities to highlight the growing importance of S&T under the Aquino administration in critical areas such as disaster mitigation, typhoon monitoring, dengue prevention, industry competitiveness, and emerging technologies.

It is STII's commitment to spearhead efforts to highlight the accomplishments of the country's scientists, researchers, innovators, and organizations that contributed to the advancement of the frontiers of knowledge and laid the groundwork for an environment that embraces change and scientific progress.

We will hold sacred our sworn tasks and duties by reinforcing our position as the leading source of S&T information to our constituents, as seen in the launch of STARBOOKS in May 2011. We touched on behavioral changes among Filipinos by re-instilling the value of punctuality when we launched Juan Time in September 2011. We will blaze new trails in reaching out and bringing into sharper focus DOST's thrusts and initiatives to put knowledge to work, improve the quality of life, and uphold the security and prosperity of every Filipino.


RAYMUND E. LIBORO
Director, STII

Few will have the greatness to bend history itself; but each of us can work to change a small portion of events, and in the total of all those acts will be written the history of this generation.

~ Robert F. Kennedy

Introduction

CHANGING THE MINDSET. This has been the working philosophy in STII since 2011. To many this may sound like a bold claim. Change, after all, is often met with resistance and mindset by the very nature of the word denotes fixed beliefs, boxed-in thinking or deeply rooted inclinations. If the change is applied carelessly, knocking down these mental frameworks just might prove chaotic and disruptive.

As the DOST's information and communication arm, STII has through the years consistently pursued its mandates of gathering, generating and disseminating information on science and technology (S&T). With the continuous breakthroughs in the field of information and communication technology (ICT) in the country and all over the world, STII must constantly step up its game and keep pace with these rapid technological changes. S&T is arguably a product that is rather impenetrable which makes packaging S&T information into popular and interesting formats a challenge to STII.

Despite science's seemingly esoteric nature, S&T information continues to be sought, albeit driven more by necessity or emergency rather than an innate desire to understand the world and how it works. The more basic and urgent information on health, food, disasters, poverty and those that directly threaten life are usually the reasons people turn to S&T for answers if not for blame. But science need not be a fallback for unfortunate incidents. Science should be taken as an opportunity to rise above a dire situation – a solution to problems and a deliverer of goods. But unless people see a connection between science and the mere act of waking up or mixing coffee or simply getting the copying machine to work, science will forever be distant and obscure to many.

In advocating a change in mindset, STII realizes the importance of the other part of informing – and that would be taking on the more social act of influencing. While the term influencing may bring on a negative connotation, it is actually about believing in your product and convincing others to believe in it too. It is about

presenting a shift in perspective – to see things in a new way and perhaps even alter beliefs, attitudes and mindsets about science. This does not imply that what has been done is faulty or outdated. It just means that there are so many other ways of making information much more relevant, accessible, instant, effective, useful and even customized to every information user.

STII's performance in 2011 is testimony to the Institute's openness to change especially in implementing projects and activities, taking S&T information to a whole new level. And as it attempts to change people's mindset, STII has been laying the groundwork by instituting small changes and improvements right in the workplace. More importantly, in order to be really effective in its advocacies, STII must face the challenge of taking the lead or setting the example of an organization that embraces change even as it pushes people to come out of their comfort zones, take some risks and leave the safe, familiar ways of doing things.





S&T Information Resources that bring about Change

Tasked to build and manage the wealth of S&T information resources available in the country is the **Information Resources and Analysis Division (IRAD)**. IRAD is one of only two technical divisions at STII. IRAD through its databank and library holds a comprehensive collection of scientific and technological information for all types of users.

As such, IRAD pursues the STII mandates through the operation of an S&T Center for Information Services guided by the Institute's mission of making timely, relevant, and quality S&T information accessible through resource-sharing, networking, broader and faster delivery systems.

Collection Development

In 2011, STII acquired a total of 1,673 new titles of multimedia materials which augments the existing library collections usually obtained through purchase, subscription, exchange, and complimentary. To further build the collection, a total of 298,988 titles of full-text S&T materials were downloaded from the Internet/specialized databases for library/research purposes. The number of S&T materials accessioned/labeled and stamped with stamp of ownership was 7,951. There are 653 titles of periodicals in 2,723 issues received and recorded during the year.

Information Resources Management

Building a good collection of S&T materials is only one part of the task. The more critical part is to analyze, classify and organize a wide assortment of these voluminous materials coming into IRAD's possession.



For easier search and retrieval of library materials, 884 multimedia materials were catalogued, classified and assigned 17,947 subject headings. Likewise, 6,477 titles were encoded and provided with subject headings.

Titles of full text articles edited/uploaded for OPAC, Phil eLib and STARBOOKS numbered to 5,511 while library materials labeled as digitized Filipiniana collections summed up to 3,245.

Bibliographic records from the Filipiniana collection of DOST member-agencies categorized by material type uploaded to the Philippine eLib portal was 30,083 during the year. Information analysis of S&T materials produced 1,658 abstracts, 1,000 indices and 12,000 subject headings, 51 scientists' profiles were gathered and evaluated, and 709 number of scientists' published works checked/verified while additional 4,500 materials were gathered/evaluated.

Databanking was continuously done by adding new records and updating 11,378 and 563 records from the Library Section and Documentation Section, respectively, to the OPAC, Phil-eLib and STARBOOKS.

Library/Readers/Online Services

Users and seekers of S&T information coming to STII whether in person or online are the primary clients of IRAD. In 2011, the Library section served a total of 390,974 clients. Online users (387,128) comprise a huge bulk of these clients while inquiries made through email, postal, phone or walk-in numbered to 3,846. A total of 229,568 topics ranging from agriculture, biology, chemistry, physics to feasibility studies, investigatory projects, climate change, global warming and the like, were likewise accessed, retrieved and served to online and walk-in users including the database administrators.

Information Packaging and Products Development

The search for information is not a walk in the park for a lot of people but IRAD attempts to organize the bulk of materials by coming up with in-house publications that serve as instant or preliminary research reference for people who need not sift through



the voluminous stock of information available at STII. IRAD has produced in 2011, one issue of the Philippine Men of Science, two issues of the Philippine Science and Technology Abstracts and four Acquisitions Lists. A total of 2,125 issues of publications were distributed and/or delivered to various clients nationwide. An income of P13,379.00 was derived from the photocopying services of walk-in library users.

IT Support Services

Since 2008, the Information Technology (IT) unit provides daily operational support to the whole Institute. It provides technical services for users, servers, network devices, printers, workstations and laptops, and other peripherals.

The IT unit manages, secures and administers the institute's information systems and websites such as: science.ph, Human Resource Management Information System (HRMIS), SciNET-Phil Integrated Library Management System (SILMS), Records Management System (RMS), Document Tracking System (DTS), IRAD Webdb, Payroll System, Finance Management Information System (FMIS), Library Users Registration, Webmail, the Philippine Journal of Science, S&T Post and STII corporate website.

IT's management of several information systems and websites involves system security, network administration, wireless and remote access, virus and spam detection prevention and removal, regulatory compliance, email and internet access, policy and standards implementation, project management, strategic planning and on-demand user training.

Starbooks: Out-of-The-Box Idea of Putting the Box Out

In the past, when people could not find a library in their area, they will have to rely on what the World Wide Web can give to them. That is if there was even any internet connection at all. But at STII, when they can't find a library to go to, the library will have to go to them.

On June 24, 2011, the Institute successfully launched the Science & Technology Academic and Research-based Openly-Operated Kiosks (STARBOOKS). STARBOOKS is basically a Library in a Box. A project initiated by IRAD with the assistance of the IT unit in systems development



with 5,351 records or articles reviewed, including 1,960 full texts edited and classified. Twenty three STARBOOKS related inquiries were likewise attended to.

The STARBOOKS project proposal was submitted to PCIEERD's Panel of Evaluators and Governing Council for possible DOST-GIA funding.

IT Support for External Clients

The IT unit also provides technical assistance to external clients. Among the services are backup and recovery of the OSIST database handled by the Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD); development of website for the DOST Mosquito Oltrap, a technology made by the Industrial Technology Development Institute (ITDI) that helps reduce the number of the female *Aedes aegypti*, the dengue virus

carrying mosquito; and installation of SILMS to Partnerships in Environmental Management for the Seas of East Asia (PEMSEA), Technology Resource Center (TRC) & DOST Region V for the management of their library collections.

Orientations and workshops on IPV4/IPV6 were also given to the following universities/colleges: Bataan Heroes College, Interface Computer College, Bataan State Peninsula University, STI Lipa Batangas and Bulacan, University of Southeastern Philippines, Sta. Cecilia College, South Manfields College of Muntinlupa, First Asia Institute of Technology and Humanities and Bulacan State University. The Polytechnic University of the Philippines Taguig campus also requested a 3-day seminar on PHP web programming. Details of the training appear in the Training and Consultation part of this report.

The IT staff extended a total of 703 technical support on both hardware and software problems of the institute for the year.





For this year, the IT unit has four permanent staff and three project staff carrying out various IT-related tasks.

Networking and Linkages

STII for the year in review was able to sustain its publication exchange with 108 international and 27 local S&T institutions. Likewise, STII maintained its active participation in the Nutrition Research Information Network (NUTRINET), Medical and Health Librarians Association of the Philippines (MAHLAP), Philippine eLib and other agencies.

Training and Consultancies

Orientation, training and installation of software and consultancies conducted/provided were as follows:

1. IT Orientation - Bataan Heroes College - February 4, 2011 (50 participants)
2. IT Orientation - Interface Computer College - February 10, 2011 (100 participants)
3. IT Orientation - Bataan State Peninsula University - February 16, 2011 (130 participants)
4. IT Seminar on web programming Part 1 – Polytechnic University of the Philippines – February 24, 2011 (35 participants)
5. IT Seminar on web programming Part 2 – Polytechnic University of the Philippines – March 3, 2011 (20 participants)
6. IT Seminar on web programming Part 3 – Polytechnic University of the Philippines – March 24, 2011 (25 participants)
7. Developed an online website for the DOST Mosquito OL Trap – January to February 19, 2011



8. Consultation and assistance to back-up maintenance of OSIST-PCIEERD – Feb. 7, 2011
9. Provided installer and a brief technical session on how to install SILMS – April 8, 2011 – DOST V (Bicol region) representatives
10. Installed and migrated SILMS to new web server – May 9, 2011 – TRC, San Juan City
11. Updated FNRI records on SILMS database – May 17, 2011 – STII
12. Provided setup and technical support on the SILMS workshop – June 6, 2011 – Mini theater, STII
13. Provided set-up, technical support and demo assistance for STARBOOKS for the DOST Set-Up Exhibit back-to-back with Regional Inventions Contest and Exhibit, July 6-11, Dipolog City
14. Provided set-up, technical support and demo assistance for STARBOOKS for NSTW, July 26, 2011, SMX Mall of Asia, Pasay City
15. Provided set-up, technical support and demo assistance for STARBOOKS for Science Discovery Center, SMX-MOA, Pasay City, July 29, 2011
16. Provided technical consultancies on networking for the students of ACLC Taguig – August 12, 2011 – STII
17. One on one user training with PCHRD librarian on the use of SILMS – August 16, 2011 - STII Multipurpose
18. Provided setup, technical support and demo assistance for STARBOOKS for the DOST Setup Exhibit back-to-back with Regional Inventions Contest – August 21-27, 2011 – Tacloban City (Leyte)



19. IT Orientation – STI Lipa Batangas - September 6, 2011 (25 participants)
20. IT Orientation - University of South Eastern Philippines - September 22, 2011 (30 participants)
21. IT Orientation - Sta. Cecilia College, Valenzuela, Bulacan - September 26, 2011 (150 participants)
22. IT Orientation – South Manfields College of Muntinlupa - September 29, 2011 (70 participants)
23. IT Orientation – First Asia Institute of Technology and Humanities – Oct. 23, 2011 (110 participants)
24. IT Orientation – First Asia Institute of Technology and Humanities-Oct. 6, 2011, (98 participants)
25. Updated and installed SILMS – PEMSAE Office, Quezon City, Oct. 11, 2011
26. IT Orientation - Bulacan State University – Oct. 12, 2011 (120 participants)
27. IT Orientation – STI Bulacan – Oct. 201, 2011 (110 participants)
28. Orientation for the NUTRICOMNET/Media – Bicol Region 5
29. STARBOOKS orientation, setup and installation – Davao City – November 15-18, 2011
30. STARBOOKS orientation, setup and installation – Zamboanga City – November 20-24, 2011
31. IT orientation, setup and installation – Southmansfield College – November 24, 2011 (70 participants)





Other Activities

■ Library Inventory

The Library inventory was started on March 3, 2011 and as of December 2011, the number of Filipiniana materials and Foreign Serial Journals inventoried was 71, 882, with 7,682 books and general references accounted for while 2,629 library materials were provided with barcodes.

■ Gender and Development program

Ms. Maribel Palafox as STII GAD focal person facilitated the following activities:

1. Provided photo/video documentation of the Women's Month Celebration, March 29, 2011
2. Attended DOST TWG on GAD Planning, March 24, 2011
3. Attended GAD Focal Point Assembly, Clark Freeport Zone, April 6-8, 2011
4. Member of the Roll-out Team of the DOST-

developed Gender Analysis Tool for DOST Technologies, Davao City, October 24-25, 2011

5. Member of the Training Team on Training of Technical Advisers on Gender Analysis (TOTAGA) for Mindanao Cluster held in Davao City, October 26-28, 2011
6. Coordinated the DOST-ScINET Strategic Planning for Gender Responsiveness and Development and SILMS Training, Dec. 13-14, 2011

■ Seminars/Trainings/Meetings Attended

IRAD personnel attended the following trainings, seminars, meetings during the year in review:

1. 2011 Philippine IPV6 Conference and Technical Training Workshop,



- Makati Shangri-la Hotel, Makati City, January 24-27, 2011
2. EDOST Team Leaders Meeting, ASTI, February 10, 2011
3. DOST Webmasters consortium Workshop, ASTI, March 7-8, 2011
4. NUTRINET Information Management Skills Enhancement, UP Manila Library, April 17-18, 2011
5. Challenges and Opportunities of Librarians and Information Professionals in the Age of New Technology by the Association of Special Libraries of the Philippines, Dipolog City, April 27-30, 2011
6. Statistical Product and Service Solution Training (SPSS) Batch 1 – April 19, 2011 – STII, Multi-purpose room
7. Statistical Product and Service Solution Training Batch 2 (SPSS) – May 25, 2011 – STII, Multi-purpose room
8. SILMS Retraining, June 2011
9. eDOST Infosys End user training – June 28 - 30, 2011 – Microtel Hotels & Resorts, Davao City
10. MAHLAP Online Union List Training, August 26, 2011
11. DOST-ScINET Strategic Planning for Gender Responsiveness and Development and SILMS Training, Dec. 13-14, 2011
12. Attended regular meetings of MAHLAP and NUTRINET

13. IRAD Planning Workshop – February 23, 2011

- IRAD personnel assisted also in the preparation and launching of the “Ignite the Mind” advocacy as well as the celebration of the DOST year-end program.

Manpower

- Dr. Carmelita F. Nobleza completed the six (6) months service extension on May 6, 2011 approved by the Civil Service Commission.
- Ms. Annie Lyn Bacani and Ms. Nelly Agpawa joined the Division as SRS II and SRS I, respectively on June 2011.
- Mr. Russel Bugarin was hired for contract services as SRS I on June 2011 to assist in the editing of the OPAC records and organization of the library collections by serving 295 hours of shelving time.



Change has a considerable psychological impact on the human mind. To the fearful it is threatening because it means that things may get worse. To the hopeful it is encouraging because things may get better. To the confident it is inspiring because the challenge exists to make things better.

~ King Whitney Jr.



S&T Promotion Services that Pave the way to Change

It has been said that real change can occur only when the change starts and happens from within. The **Communication Resources and Production Division (CRPD)** – the media and communications arm of the whole DOST system therefore considers the target audience when it puts out its information, education and communication (IEC) materials to the public. The recipients of information are the ones CRPD seeks to influence and create a change in mindset. It serves as the marketing and promotions team producing popular and laymanized forms of S&T information customized for specific audiences.

For 2011, CRPD services included film showing, production of IEC materials in print, broadcast, audio-visual and alternative media forms, media

and public relations as well as implementing feedback mechanisms through communication surveys and research.

S&T Film Showing

STII offers S&T film showing to students and other guests who are on field trip or special visit. For 2011, STII received 2,759 guests who were introduced to the DOST system and the local S&T community through our film showing.

Publications developed

STII has four regular publications: the monthly DOST Digest and RapiDOST and the quarterly S&T Post and the semi-annual Philippine Journal of Science. Additional print materials were published for special occasions like the NSTW. For this, CRPD published the HITS which featured the DOST's High Impact Technology Solutions. To sum up, 33 publications were produced in 2011. All of the publications have online versions for a different set of audience.





The Content Development and Editorial Unit has a total of 7,033 subscribers for the four regular print publications. Meanwhile, the online versions of these publications served about 17,388 individuals who used or downloaded materials from the site.

Broadcast interviews

For the year, CRPD through its Media and Public Affairs Unit arranged 780 radio and TV interviews for DOST officials, scientists, researchers, academicians, and technologists. A total of 267 broadcast releases were prepared and were aired over broadcast stations DZBB, DZMM, DWIZ, DZRM, DZRB, DZXL, DZEM, DZNN-Veritas, DZEC, DWDD, DZRH, DWBL, DZXQ and TV stations Channel 2, 7, 5, 4, 9, 13,

UNTV 37, Sonshine TV 39, Global News Network, Discovery Channel, ANC and cable stations.

The NSTW teasers and plugs were aired over Channels 2, 4, 7, 9 and 13, and DZRH and all its affiliated stations including FM, from June 15 to July 30.

Press Conferences

To instill to the media and the public of DOST's goal of providing S&T-based solutions to pressing problems, STII initiated "DOSTkusyon", a regular press conference that will provide venue for DOST and its officials to respond to current issues and other concerns before the media. Some of the features of this year's DOSTkusyon include the OVL trap launch, disaster preparedness and mitigation, Tulong Kabuhayan for OFW Workers, AGT for Mass Transportation, among others. This year, we accommodated 82 requests from DOST Offices and agencies for media assistance, which



had a total of 1,578 media attendance from print, broadcast, and cyber.

Exposcience 2011: The new face of NSTW

The 2011 National Science and Technology Week celebration had an interesting makeover when it was repackaged as Exposcience 2011 and was anchored on the theme “Nasa Siyensya ang Pag-asa”. Through the years, STII had been handling the publicity and promotion part of this annual event. But in 2011, STII also became co-chair of the NSTW 2011 Steering Committee and was given a good budget for its publicity. Promotional strategies had leveled up as STII extended its reach and tapped new channels from the usual print, radio and TV publicity to outdoor media (billboards and vehicle wraps) FM-radio announcements, one-liner teasers, komiks and thematic AVPs. Held at the SMX Convention Center and graced by no less than President Benigno Simeon C. Aquino III, Exposcience 2011 embodied the kind of changes we need in handling big events.

Special Tri-Media Coverage

STII gave assistance to DOST-Philippine Nuclear Research Institute for the development and dissemination of 24 Info Bulletins and coordination of 10 media briefings for the Fukushima nuclear incident, which was on a 24/7 alert for media coverage.

PR and Networking

STII has developed over the years a harmonious relation with the working press. To strengthen its network, STII teamed-up with the Communication and News Exchange Forum or (CINEX). STII facilitated a regular monthly forum by the Philippine Information Agency (PIA) for the Secretary. Other corporate partners include The Nido Fortified Science Center, Novartis, The Philippine Science Journalists Association of the Philippines



(PSciJourn, Inc.), Liga ng mga Brodkasters ng Pilipinas, Kapisanan ng mga Brodkasters ng Pilipinas, and the Discovery Channel.

Juan Time: Advocating Change in Filipinos' Sense of Time

One of the highlights of 2011 is getting people to recognize the country's official timekeeper which is the DOST-PAGASA. The Juan Time Project which is a takeoff from the idea of One Time encourages Filipinos to synchronize their timepieces with that of PAGASA and in so doing advocates a New Filipino Time that of being punctual or on-the-dot. When it was launched in May 2011 through a partnership with Discovery Channel and other private organizations, the positive response was huge. Schools and government offices started adopting the concept

of Filipino Time. Even a Food Service company – Pizza Hut showed support for this new sense of time, adopting the concept in their advertising campaigns.

Video and photo reproduction requests

The STII crew handled 154 events for video and photo coverage and reproductions in 2011. The events were mostly launches, press conferences, agency activities, round table discussions, inter-agency roadmapping conferences, and others.

During the latter part of 2011, Audio-visual facilities had a beefing up with the purchase of new cameras and AV production equipment through a GIA project titled "Changing the Mindset". This capital outlay provision made the delivery of AV services faster and more efficient even as the demands for service continued to increase.

Training	Participants	Date	Venue	Organizers
Technical Writing for a Refereed Journal	WVSU faculty and research personnel	March 1, 2011	WVSU, Iloilo City	WVSU
	PASUC VI faculty and research personnel	March 2-4, 2011	Villa Igang Resort, Guimaras	PASUC VI
2011 Regional Media Congress	Students, government workers	Sept. 15-16, 2011	Marinduque State College	PSciJourn-Marinduque Chapter, Marinduque Province, Agham
Production and Dissemination of S&T releases	KBP, NUTRICOMNET members	Aug. 25, 2011	Legazpi City	DOST-VI, NUTRICOMNET
Writing for the Web	DOST MediaCore	Oct. 27, 2011	STII Mini Theatre	CRPD-STII
SPSS In-House Training	STII personnel	April 19, 2011, May 29, 2011	STII Multi-Purpose Hall	CRPD-STII
Consultancy				
Inventors' Focus Group Discussion				TAPI, SEI, STII
Localizing and Publishing RapiDOST in the Regions				DOST-XI, STII
DOST Corporate Identity, Branding, and Communication Plan				DOST-XI, STII

S&T releases recipients

STII disseminates news, feature, and photo releases to various media personnel, institutions, and channels. For the media alone, the CRPD recorded a total of 424 recipients from: print, radio, TV, and cyber, including provincial and international newspapers, social networking sites, and personal blogs. Materials were published in 6,970 articles, columns, blogs, and others, with a total media value of P49,634,846.35, which corresponds to advertising costs that we got for free through our media contacts.

Training and consultancy conducted

CRPD places a high premium on developing human resource capabilities. For 2011, seven trainings and three consultancy activities were held (see table above).

Monitoring tools

To have a scientific monitoring of our projects that could serve as proper basis for future initiatives, STII developed its own monitoring tools. STII recognizes the critical role of client feedback in our aim of improving our services, events and programs.

For the Ignite the Mind Project, STII developed an evaluation tool that helped us elicit feedback from participants. In said tool, respondents remained anonymous as their names were not asked and this produced very interesting results. Inputs from 192 respondents elicited the following findings:

From quantitative inputs, all items were generally rated as SATISFIED, from program, to food, to physical



arrangement. Overall, the execution was satisfactory. The qualitative feedback gave us the more important inputs as respondents identified which aspect of the ITM 2.0 should be improved and how to improve them.

The Spirit of ITM 2.0, A Spirit of Change

Many respondents found the event enjoyable. There was even a comment that the program made them experience the traditional DOST Christmas party that they missed for so many years. Some found this activity as promoting interaction among the different DOST agencies/institutions. Some also felt that the aim of the activity in gathering all DOST employees to create spirit of one big happy family was achieved. "The mind is ignited, let's keep the torch burning," one commented.

The DOST employees found this activity as a venue for socializing with other members of the DOST family. This is the only event of DOST that gathers all DOST employees in one venue. One way or another, ITM 2.0 was able to solidify the DOST core through the consolidated activities like the DOST Gut Talent and Lantern Showtime/Parade where the DOST system spirit was really observed.

Sky Lanterns. Most of the respondents expressed delight over the flying of the sky lantern. One even said that the launching of hot air balloon was "cool" while another felt that the sky lantern portion was the highlight of ITM 2.0.

These feedbacks show that DOST employees need a program highlight like the sky lantern, one that is something new and has a significant impact. The symbolism of the event wherein hopes of each agency were written on the balloon itself could have created an impact on the DOST employees' aspiration. And these hopes flew with the sky balloons with optimism.

Registration results showed that registration procedure for ITM 2.0 improved compared with last year's. Some said that it went on smoothly with minor problems encountered. They appreciated the Focal Person Strategy where each agency assigned a focal person who would

be responsible in coordinating every activity of ITM 2.0 to its respective employees so that the program committee persons-in-charge would only have to deal with one person from each agency.

Clients served

The total number of clients that CRPD served through the Editorial Unit in 2011 totals 33,236 individuals and 7 institutions. Audio visual services also benefited 3,185 clients during that same year. Looking at these figures make us realize the kind of influence that S&T information can achieve, especially in effecting change among our people.

It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change.

~Charles Darwin~



S&T Promotion that Influence Mindset Change

Promotion materials developed

For the year, our editorial team produced 107 news, feature stories, photo news, statements and speeches that were disseminated to various media outlets and network of media contacts. This means that we disseminate, post and upload an average of two news or feature materials every week.

Promotion services conducted

To promote DOST activities, programs, projects, and other initiatives, we conduct or develop appropriate campaign activities. This year, STII spearheaded the promotion of the following (see table on the right).

To help promote said activities, STII personnel were fielded to the regions or to actual sites to have a direct

Title	Nature
DOST Ovicidal-Larvicidal (OL) Trap	DOST HITS
DOST Package of Intervention for the Nutrition of Young Children (PINOY)	DOST HITS
DOST-developed Iron-Fortified Rice	DOST HITS
Science Council of Asia	International conference
National Science and Technology Week (NSTW)	Annual activity for S&T community
Regional Invention Contest and Exhibit (RICE)	Biennial activity for inventors and researchers
Juan Time	DOST advocacy for Philippine Standard Time
Ignite the Mind	DOST year-end activity

involvement in the flow of the activities. Support to these activities include coordination, news coverage, photo and video coverage, tri-media coverage, technical assistance, and information collaterals production. Some of the collaterals we produced for the year include contents and design of LED board, brochures, advertisements, posters, and banners. We also designed other materials, such as T-shirt, uniform, logo, tarpaulin, towel, jeepney topper, bus and vehicle wrap, button pins, foldable fans, stickers, and umbrellas.

Promotional activities in 2011 put us on the offensive as we explored other new avenues, such as assigning promo girls at MRT stations to promote the NSTW, providing RapiDOST copies in MRT stations, and using vehicle wraps, jeepney toppers, and LED board.

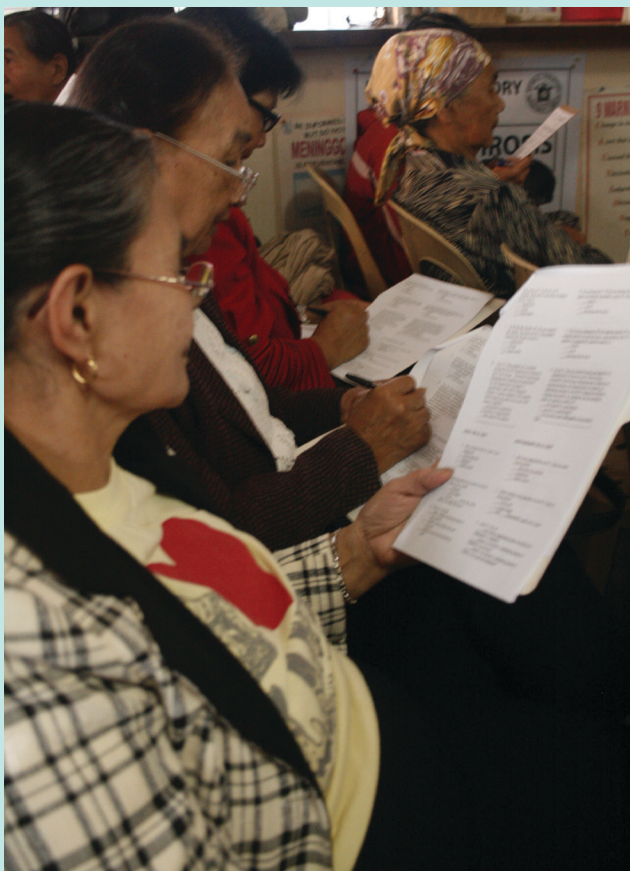
We also started this year to beef up promotions of DOST-initiated activities in the regions such as HITS launches and RICE by assigning STII personnel to cover and document the actual events, which resulted in quicker information dispatch to national (and local) media, more focused messaging, systematized documentation, and closer working relationship between STII and regional offices.

Audio-visual packages

For 2011, we produced 52 audio-visual packages that include HITS (Automated Guideway Transit, OL Trap, etc), SETUP clients, technologies, corporate videos, DOST Accomplishment Report for 2011, NSTW/Expo events, survey, Juan Time launch, DOST planning session and Ignite the Mind 2.0 program. We also handled 220 other promotional/design services.

Media awards and recognition

STII appreciates and recognizes the work of our media friends who are our partners in our S&T advocacy. In 2011, STII started ground work for the JLG Media Awards which was conferred in the 25th Anniversary of STII in 2012.



Change your thoughts and you
change your world.
~ Norman Vincent Peale



Financial Resources that prop up Change

The Science and Technology Information Institute (STII) carried out its sworn mandates and responsibilities with the total expenditures of P40,422,614.63. This amount includes regular allotment under the General Appropriations Act for CY 2011 (RA 10147) of P36,338,424.06, Continuing Appropriations (RA 9970) of P35,397.98, Terminal Leave Benefits for mandatory and optional retirees sums up to P307,414.87, Miscellaneous

Personnel Benefits Fund (MPBF) amounting to P1,709,000.00 (NBC 524) and P1,081,000.00 (NBC 530) both under the implementation of Executive Order No. 811 (Salary Standardization Law 3) and the amount of P493,00.00 for the Performance Enhancement Incentives (PEI) and lastly our total funds for Grants-in-Aid Program of P458,377.72.

Table 1 and 2 show Expenditures by Program/Project/Activity and by Expense Class, respectively.

Table 1. Expenditures by Program/Project/Activity (P40.423M)

		AMOUNT (in thousand pesos)
A.01.a.01	General Administration and Support	13,220
A.03.a.01	Operation of S&T Center for Information Services	11,983
A.a3.a.02	Implementation of S&T Promotion and Advocacy Program	11,135
	Continuing Appropriation and Other Releases	4,085
	TOTAL	40,423

Table 2. Expenditures by Expense Class (P46.663M)

EXPENSE CLASS		AMOUNT (in thousand pesos)
PS	Personal Services	26,376
MOOE	Maintenance and Other Operating Expenses	13,898
CO	Capital Outlay	149
TOTAL		40,423

STII was able to generate revenues from sale of in-house publications, reproduction of library materials and other fees and rentals as shown in Table 3.

Table 3. Income Generated for CY 2011

Sources	Amount (in thousand pesos)
Sales/Subscription to Various Journals	76,562.34
Techno-tulong	480.00
Library Services (Photocopying fees)	14,395.00
Rental	11,000.00
Miscellaneous Income	6,000.00
TOTAL	108,437.34

Aside from regular appropriations the Institute received Grants-In-Aid (GIA) from DOST and other funding institutions for its new and on-going projects. Table 4 accounts the funds for GIA's projects.

Table 4. Grants-in-Aid Projects CY 2011 (Trust Fund)

GIA Project	Donor	Amount (in thousand pesos)
Promotional Activities for the Mosquito OL-Trap Launch	PCHRD	160,350.00
Institutional Support for Trade & Exhibitions of DOST Technologies & Services Program	DOST-OSEC	70,000.00
Expo-Science 2011: The Philippine Science, Technology & Engineering in Celebration of the NSTW 2011	DOST-OSEC	3,789,510.75
CTM: Moving into Comprehensive Information Site for the DOST System via science.ph	DOST-OSEC	2,973,587.00
CTM: Information, Education & Communication (IEC) Campaign Initiatives	DOST-OSEC	10,788,873.00
A Case Study on the OL-Trap & other Activities for its Continuing Promotion	PCHRD	665,200.00
Broadcasting Support for "Bago Yan Ah!" for the Year 2011	DOST-OSEC	1,846,000.00
TOTAL		20,293,520.75



Human Resources: Equipped for Change

As part of our commitment to build its manpower and intellectual resources through continuous training, the following personnel were sent to seminars and workshops for CY 2011:

Local Trainings/Seminar			
DATE	COURSE/TITLE	PARTICIPANT/S	VENUE
Dec. 12, 2011	ISO 9001:2008 Awareness Seminar	Maribel B. Palafox Annie Lyn D. Bacani Maria Judith L. Sablan	MIRDC Training Room
Nov. 23-27, 2011	6 th PCP Professional Photojournalism Workshop	Framelia V. Anonas Henry A. de Leon	Subic, Freeport
Nov. 21-25, 2011	NCC's Course on eGov Project Management	Geraldine B. Ducusin	NCC (Diliman, QC)
Nov. 7-9, 2011	Training of Trainers Programme on "Planning & Implementing Technology Transfer Projects"	Jona M. Bernal	Heritage Hotel, Manila
Oct. 25-27, 2011	Competency-Based Training on HRM in Public Sector	Cristeta S. Olivar	CSC (Diliman, QC)

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Oct. 18-23, 2011	1 st National Congress of Special Libraries of the Philippines on Moving Forward	Nelly B. Agpawa	Hotel Supreme Convention Plaza (Baguio City)
Oct. 12-14, 2011	Medical Subject Headings (MeSH) Training for Subject Cataloguing and Indexing	Louise Ian T. delos Reyes	Clark, Pampanga
Sept. 20, 2011	Accounting for Non-Accountants	Jean B. Arabes	TAPI
Sept. 15-16, 2011	Technology Insertion Workshop	Benedict P. Cagaanan Mona E. Montevirgen	Intercontinental Hotel (Makati City)
June 28-30, 2011	eDOST-INFOSYS End-User Training	Robelyn M. Cruz	Microtel Hotel (Davao)
June 15-17, 2011	Training/Seminar on Internal Auditing of Gov't Expenditures	Jean A. Arabes	Kimberly Hotel (Malate, Manila)
May 25, 2011	2 nd Batch Basic Statistical Product & Service Solution	Valiant P. Rosales Jessica T. Barrientos Louise Ian T. delos Reyes Maria Judith L. Sablan Ferdinand D. Cartas Gerardo C. de Jesus Hiedy T. Rimorin Ladislá D. Quindoyos	STII Multi-Purpose Hall
May 17-18, 2011	NUTRINET Training Workshop on Information Management Skills Enhancement	Michelle D. Tabilog	DOH (Manila)
May 9-14, 2011	Total Quality Systems in People Management	Cristeta S. Olivar	La Carmela de Boracay (Boracay)
April 27-30, 2011	Seminar on Challenges on Opportunities of Librarians & Information Professional in the Age of New Technology	Maribel B. Palafox Michelle D. Tabilos	Bamboo Garden (Dipolog City)
April 19, 2011	1 st Batch Basic Statistical Product & Services Solution	Rosie R. Almocera Maribel B. Palafox Michelle D. Tabilog Benedict P. Cagaanan Jona M. Bernal	STII Multi-Purpose Hall
April 14-15, 2011	PhilGEPS Training Phase I	Arlene E. Centeno Rachel Diana S. Mesias	EARIST (Manila)
April 7-10, 2011	Planning Workshop of MAHLAP	Louise Ian T. delos Reyes	Boac, Marinduque
April 6-8, 2011	GAD Focal Person Assembly	Maribel B. Palafox	Clark Freeport Zone, Pampanga
April 6, 2011	1 st Protocol Training Room	Arlene E. Centeno Benedict P. Cagaanan	DOST Executive Lounge

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March 30-31, 2011	2 nd Philippine Science & Technology Human Resource Information System User Acceptance Testing Workshop	Benedict P. Cagaanan	ASTI
March 7-8, 2011	DOST Consortium Workshop	Robelyn M. Cruz Framelia V. Anonas	ASTI
Feb. 10, 2011	DOST Webmasters Consortium Team Leaders Meeting	Robelyn M. Cruz	ASTI
January 24-27, 2011	2011 Philippine IPV6 Conference & Technical Training Workshop	Alfon B. Narquita	Makati City

Our Profile

Table 5. STII Personnel Profile by Educational Management

Educational Attainment	No. of Personnel
PhD	NONE
MA/MS	9
AB/BS	26
Vocational	12
High School Graduate	2
TOTAL	49

Table 6. STII Personnel Profile by Sex

Male	20
Female	29
TOTAL	49

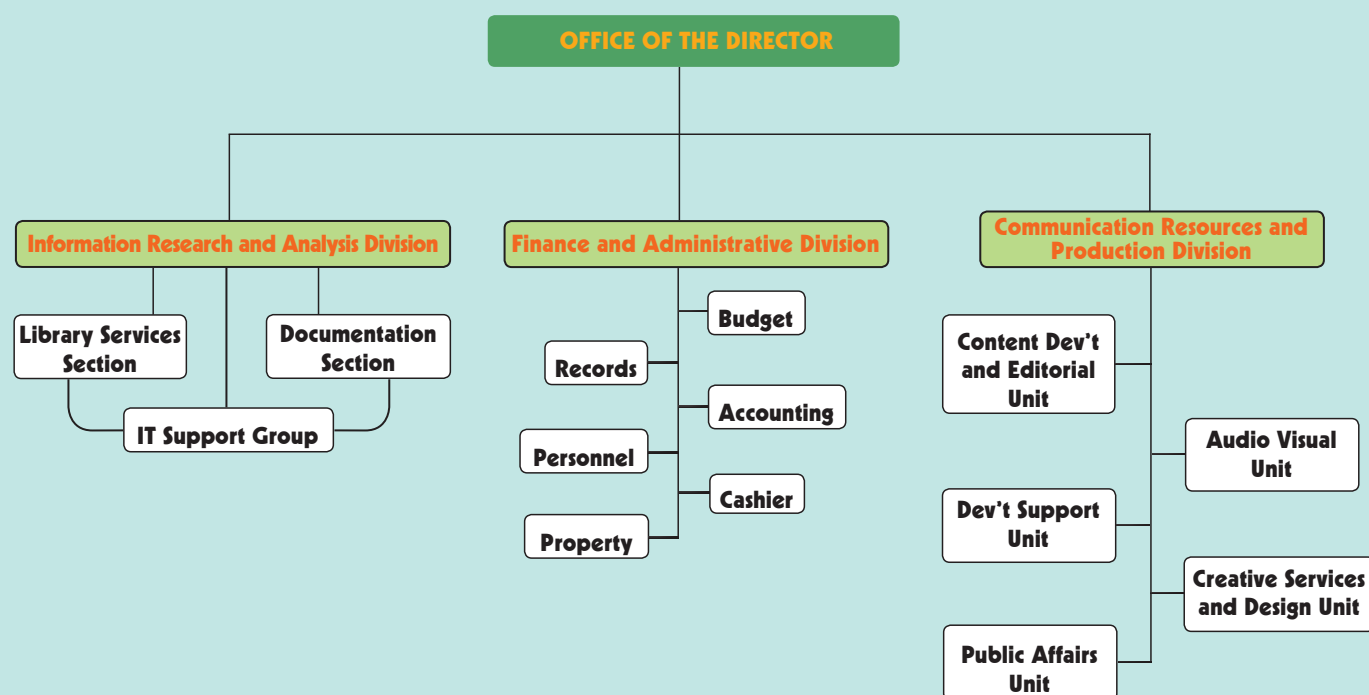
Table 7. STII Personnel Profile by Age

Age Bracket	No. of Personnel
24 – 30	2
31- 40	13
41 – 50	19
51 - 60	10
61 - up	5
TOTAL	49

We must learn to view change as a natural phenomenon – to anticipate it and to plan for it. The future is ours to channel in the direction we want to go... we must continually ask ourselves, “What will happen if...?” or better still, “How can we make it happen?”

~Lisa Taylor~

ORGANIZATIONAL CHART



2011 Annual Report Team

Annielyn D. Bacani
 Geraldine B. Ducusin
 Maribel B. Palafox
 Framelia V. Anonas
 Henry A. de Leon
 Maria Judith L. Sablan
 Alan C. Taule
 Jona M. Bernal
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 Arlene E. Centeno, FAD
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Editorial Team

Mario B. Buarao, Jr.
Layout and Design
 Mona Carina E. Montevirgen
Overall Concept & Content



IGNITE THE MIND JINGLE

By Raymund Liboro

We live in era of constant change
Innovations are so common in this day and age
To ignite the mind in these exciting times
Is how we move the nation in this new millennium
We nourish and heal our people by making them able
To do great things, to spread our wings
We save and protect the land
In any way we can
We empower the Filipino and unify all
Ignite the mind, light the fuse
The spark of inspiration
Ignite the power of a
brand new breed of Filipinos
We bring advancements in science and technology to bear
We are DOST and we pave the way for the future
Ignite the Mind, move the nation, nourish and heal
our people
Ignite the power of a brand new breed of Filipinos
Ignite the Mind, light the fuse
The spark of inspiration
To save and protect the land
We are DOST and we pave the way for the future
Everything starts when you ignite the mind
DOST



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