Technology has drastically changed the way people live for the past three decades and until now, it is continuously improving the way of life including education. The use of automation and technology has helped the Department of Education (DepEd) in employing information systems which brought positive contribution on the advancement of information tracking and management not just for the learners but to all DepEd personnel across the Philippines.

**Learners’ Information System (LIS)**

URL: (lis.deped.gov.ph)

*Key concept: LIS is an online database of learners.*

In 2011, the Department of Education (DepEd) has initiated the Learners’ Information System (LIS) an online facility that provides for the registration of learners enrolled in public schools. DepEd uses LIS as an innovative tool to manage learner information while promoting transparency and informed decision making.

LIS also promotes the active engagement and participation of teachers, principals, planning officers and other DepEd personnel all throughout the country. This system allows DepEd to track its learners for both formal and non-formal instruction in an aim to provide appropriate interventions and quality education for all Filipino learners. DepEd also makes use of the data generated from the LIS for planning, budgeting, and resource allocation.
Basic Education Information System (BEIS)

URL: (ebeis.deped.gov.ph)

Key concept: BEIS is an online database of schools and learning centers.

The Basic Education Information System (BEIS) is an online database of education statistics, sector performance indicators and profile of public and private schools, learning centers and other education service providers.

This web-based system aims to improve the collection of data from the schools and field offices and efficiently render delivery of data/information to various stakeholders.

Data gathered from the BEIS can be utilized for various purposes such as planning, quality assurance, monitoring and evaluation and decision-making activities at all levels of the education system.

BEIS delivers fast, accurate, and relevant information to education managers as well school heads and policy makers through processes aided by information and communication technology.

Learning Resources Management and Development System (LRMDS) - The Right Resources for Education

URL: (lrmds.deped.gov.ph)

Key concept: The LR Portal is a component of the LRMDS which serves as an online repository of Teaching and Learning Resources

The Learning Resources Management and Development System (LRMDS) is a system designed to support increased distribution and access to learning, teaching and professional development resources at all levels of the educational system. It comprises four integrated sub-systems such as:
• Assessment and Evaluation
• Development, Acquisition and Distribution
• Storage and Maintenance
• Publication and Delivery

What is LR Portal?

The LR Portal is an online repository of learning, teaching and professional development resources which gives stakeholders the access to thousands of quality assured resources through a web-based repository. Teachers may download Curriculum Guides, Daily Lesson Logs, Learners’ Materials and many other resources by simply logging in the portal through the use of a DepEd-issued email account.

The LR Portal also serves as a catalogue which provides helpful information about the location of resources (hardcopy and softcopy) and allows users of the system to access directly digitized versions of resources that are published and stored within the LR Portal repository.

Enterprise Human Resource Information System (EHRIS)

URL: (fo.ehris.deped.gov.ph)

Key concept: The EHRIS is an online database of all DepEd Personnel

Through the initiative of the Department of Education’s Information, Communication and Technology Service (ICTS), the Enterprise Human Resource Information System (EHRIS) has been launched. It is the newest addition to DepEd’s array of information systems which aims to automate routine Human Resource transactions such as leave application, time and attendance, payroll, personnel action, etc.
It is a self-service module which encourages teachers and non-teaching personnel to upload their personal data for the updating of registry of DepEd personnel throughout the country.

EHRIS is a system supported by Basic Education Sector Transformation (BEST) through the development of the Unified Information System (UIS).

As of this writing, EHRIS has already been rolled out at all levels and majority of DepEd personnel have already uploaded their data on this web-based system.

**Challenges and Criticisms**

One of the main criticisms in the implementation of DepEd Information Systems is the security of all the information being uploaded online particularly on LIS and EHRIS where all the vital information of teachers and learners are available even on the eyes of fraudulent groups of individuals.

This question on the security of information has already been raised to DepEd ICTS Director Aida C. Yuvienco during our national training on ICT Literacy Capacity Building Program held at Eurotel Hotel, Makati City last July 13 and 14, 2017. Director Yuvienco let the participants from Region 3 and NCR know that DepEd ICTS is doing their best in securing the data of teachers and learners through improved data centers throughout the country that are being managed by DepEd itself.

Another notable obstacle in the roll out of DepEd Information Systems is the stability of servers from which data are being access. In the past few years, access to LIS and now even the EHRIS has become a challenge to teachers’ patience and understanding.

**The DepEd Email and the Common Misconceptions**

In my experience as an ICT Coordinator, teachers often do not have a clear understanding of the DepEd email and the information system accounts associated with
it. In most cases, some of them think that the email or password they use in LIS will also work for the other systems such as the EHRIS or LR Portal. To make it more comprehensive, here is how it works.

- The DepEd email serves as your key to unlock your access to various DepEd Information Systems.
- Your DepEd email is powered by Google Mail, commonly known as Gmail and you can access it by logging in at mail.google.com or through gmail.com.
- You cannot just log in at EHRIS (ehr.is.deped.gov.ph) or LR Portal (lrmds.deped.gov.ph) using your password for your DepEd email unless you have set the same passwords for all of them.
- You can reset your password on EHRIS and LRMDS if you have access to your DepEd Email but to reset your password for your DepED email, a verification officer must first approve your request for password reset.

References:

LIS - (lis.deped.gov.ph)
BEIS - (ebeis.deped.gov.ph)
LR Portal (lrmds.deped.gov.ph)
EHRIS v2.0 (fo.ehris.deped.gov.ph)