

Innovations in Education Delivery: Open and Distance eLearning in the UP Open University

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- Provides wider access to UP quality education through open and distance eLearning.
- Offers degree and continuing education courses through open and distance eLearning.





- Has gone through different innovations in education delivery/education technology used.
- Innovations were influenced by the changing learning environment and needs, characteristics, circumstance of the learners

Generations of DE in the Philippines

First Generation

Use of radio

- non-formal education
- Farmers' schools on-the-air (SOA)
 - started in 1952 at Iloilo



Generations of DE in the Philippines

First Generation – Use of radio

- Radyo DZLB in UP Los Baños
- SOA for farmers, out-of-school youths, housewives, people in rural areas
- SOAs are the forerunners of modern distance education in the country



Generations of DE in the Philippines

First Generation – Use of radio

STUDI – Science Teaching Using Distance Instructions



Generations of DE in the Philippines

Second Generation

- Print-based learning materials with face-to-face interaction
- F2F interactions between & among teacher and students



Generations of DE in the Philippines

Second Generation

- F2F venue for socialization of the members of the class
- Flipped classroom



Generations of DE in the Philippines

Second Generation

Supplementary materials

- Video learning materials
- Audio lessons in cassette tapes
- Television program



Generations of DE in the Philippines

Third Generation

- Print-based learning materials
- Video and audio as supplementary learning materials
- Online Learning Management System (LMS) in lieu of F2F



Generations of DE in the Philippines

Third Generation

- Online Learning Management System
 - Asynchronous online class discussion



Generations of DE in the Philippines

Fourth Generation

- eLearning
- m-learning
- Ubiquitous learning



Generations of DE in the Philippines

Fourth Generation

- “Empowered” phase
- Use of information and communication technologies



Generations of DE in the Philippines

Fourth Generation

- Teachers have the flexibility in structuring the learning environment
- Students have more control on their learning environment



Generations of DE in the Philippines

Fourth Generation

- UPOU explored and use variety of technologies appropriate for distance education



Generations of DE in the Philippines

Fourth Generation

- MOODLE – an open-sourced LMS
- myPortal – UPOU's virtual classroom
- Use of social media for education



Generations of DE in the Philippines

Fourth Generation

- Synchronous discussion through videoconferencing and chat applications
- Web streaming or Live streaming



Generations of DE in the Philippines

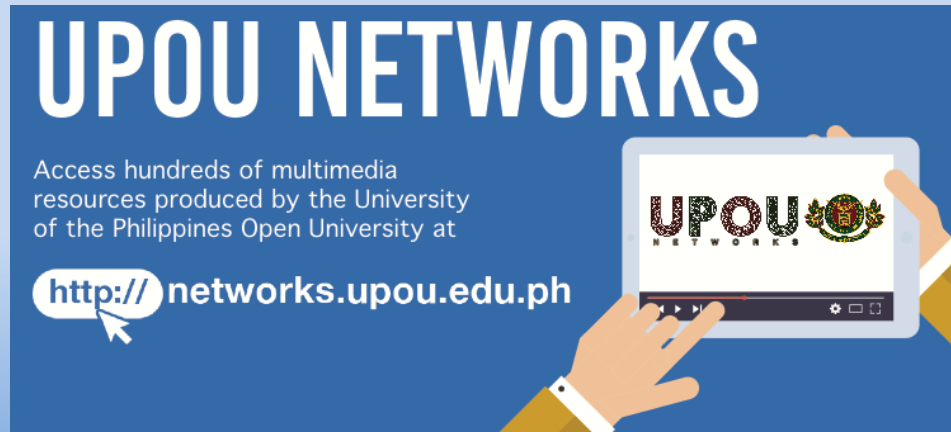
Fourth Generation

- Multimedia materials
- Online repository of multimedia materials video, podcast, print-based, etc



Generations of DE in the Philippines

Fourth Generation



UPOU NETWORKS

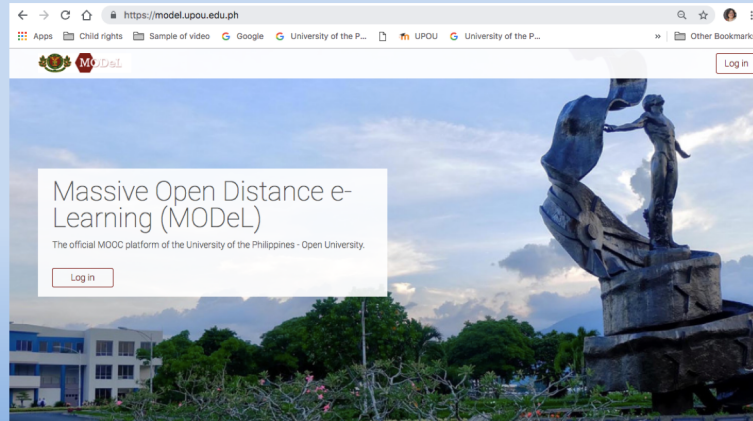
Access hundreds of multimedia resources produced by the University of the Philippines Open University at

<http://networks.upou.edu.ph>

The banner features the UPOU NETWORKS logo on a tablet held by a hand. The logo consists of the text 'UPOU' in a stylized font above 'NETWORKS' in a smaller font, with a circular emblem containing a book and a torch. The background is a solid blue color.

Generations of DE in the Philippines

Fourth Generation - MOOCS



MOOC categories & certification series

- ▶ ASEAN Studies
- ▶ Business Analytics
- ▶ Child Rights Protection and Promotion
- ▶ DE Readiness
- ▶ eFilipiniana
- ▶ eService Management Program
- ▶ Interlocal Cooperation
- ▶ ODeL Teacher Accreditation
- ▶ Oral Communication and Conversational Fluency
- ▶ Sustainable Development
- ▶ Technology for Teaching and Learning

Generations of DE in the Philippines

Fourth Generation – UPOU MODeL

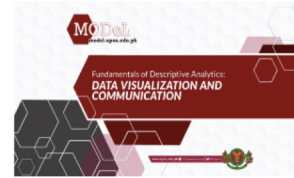
Featured course offerings



DE Readiness Module



Oral Communication and Conversational Fluency



Data Visualization and Communication (26 Nov - 21 Dec 2018)



Finance and Accounting Analytics (26 Nov - 21 Dec 2018)



Coming Soon: Prescriptive Analytics: Formulating and Solving Linear Programming Models (14 Jan - 08 Feb 2019)



Coming Soon: Prescriptive Analytics: Transportation, Transshipment and Assignment Problems (11 Feb-08 Mar 2019)



Coming Soon: Prescriptive Analytics: Network Problems (11 Mar-05 Apr 2019)



Technology in ODeL (01 Oct-04 Nov 2018)

Innovations in Educational Delivery

- Has widened the reach of UP Open University
- Students not only in the Philippines, but also from 70 countries



UPOU Learnings with the use of technology for ODeL

- Technology should be “pedagogically sound and socially-driven.”
- It is important to consider the capability/capacity of the institution and intended audience when choosing technology or innovations to use.



UPOU Learnings...

Some questions to consider:

- Will the technology narrow or widen the digital divide?
- Is it affordable for both the institution and the target audience?



UPOU Learnings...

Some questions to consider:

- Are the users ready? Do they have the means to use or access the technology? Are they equipped with knowledge and skills to use the technology?



UPOU Learnings...

Some questions to consider:

- What are the measures needed to prepare the users?
- What are other alternatives that can be pursued?



UPOU Learnings...

It is possible to use combination of technologies from different generations of DE.

The array of technologies that the teacher chooses to use depends on the features of the course, the capability of both the university of the students, and the needs and characteristics of the students.



“There can be infinite uses of the computer and of new age technology, but if teachers themselves are not able to bring it into the classroom and make it work, then it fails.”

- Nancy Kassebaum



