Strategies For Implementation Of ICT Enabled Teaching-Learning

Digital Pedagogies
Digital Content
eLearning

eLearning Spaces

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ICT based Learning addresses

• The what: training delivered in digital form
• The how: content and instructional methods to help learn the content, and
• The why (& How): to improve organizational performance by building job-relevant knowledge and skills in workers.
Before you Begin

Psychological factors
- How the mind works during learning
- What research data tell us about what factors lead to learning

Technology factors
- Bandwidth
- Hardware

Environmental factors
- Budget
- Time
- Organizational culture

THE HOLY TRINITY OF EFFECTIVE ELEARNING

USEFUL  USABLE  DESIRABLE

Dr.DCM
Framework for assessing the level of readiness to implement e-learning

- Attitude
- Confidence
- Experience

People

Content availability

Readiness (Phase 1)

- Stability
- Software
- Hardware

Technology

School Management

E-learning Implementation

- Perceived Usefulness
- Perceived Ease of Use

Acceptance (Phase 2)

- Teacher
- Learner

Training (Phase 3)

http://www.eurodl.org/?p=archives&year=2013&halfyear=2&article=592
How do we go about it

- Initiate faculty training and practice
- Interchange of ideas
- Involve students
- Clearly state the learning objectives
- Use module block principle
- Appropriate activities and assessment
- Regular feed back
The 4 Stages of Teacher Confidence in the Use of Technology

1. Survival
   - I'm scared of breaking it.
   - I'm not sure what to do.
   - I think I should use this in lessons but I'm not sure how.
   - I'm feeling more confident.

2. Mastery
   - I've received training.
   - I've practiced with apps.
   - I've trialled it in lessons with success.

3. Impact
   - Students & I are using tech effectively.
   - Tech is embedded in my lessons and planning, where appropriate.

4. Innovation
   - Technology use is pervasive.
   - I am as digitally literate as I am with pedagogy and subject knowledge.
   - I innovate & share.
10 Principles of E learning

1. Match the curriculum
2. Inclusion
3. Learner engagement
4. Innovative Practice
5. Effective learning
6. Formative Assessment
7. Summative Assessment
8. Coherence, Consistency & Transparency
9. Ease to use
10. Cost effective

Learning Support Framework

Technical
- Orientation Session
- Helpdesk
- Forum/Email

Academic

Study Guide
Activity
Tests
Learning Object Repository
Seminar

Self-Assess
Tutor Assessed
Group Work
Together Everyone Achieves More

As each goose flaps its wings, it creates an uplift for the birds that follow.

Student
Faculty
Administrators
IT Support

“Communication + Co-Operation = Success”

By flying in a V-formation, the whole flock adds 71% greater flying range than if each flew alone.
“.............. a university should not be a house but a village.”  –Thomas Jefferson
“An Avalanche is Coming” .......... “the next 50 years ......golden age for higher education...............seize the initiative and act ambitiously..... If not, an avalanche of change will sweep the system away”.

As teachers, academicians and administrators let us be prepared. “One thing that one does not do when an avalanche is approaching is to stand still!”