Innovation in Learning: Digital Content Development Initiative - Empowering Teachers

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Problems in T-L

• Abstract topics in textbooks
• Textbooks’ pictures/illustrations are not sufficient and clear enough to understand
• Teacher-centered learning environment
• Memorizing tendency of abstract topics
• Insufficient supplementary materials

What should we do for creating a Learning Environment for achieving the 21st Century Skills?

What are the other skills needed of the teachers?

The kind of ICT we need in education?

• Cost-effective
• 21st Century skills focused
• Enjoyable and effective for teaching-learning
• Students and Teachers friendly
• Reduces ‘Digital Divide’

--- ICT in Education = ICT-Education ---

Multimedia Classroom: A Model for the Developing Countries
**Teacher-led content development**

- Easy to demo abstract ideas
- Develop need-based contents
- Create student-centered learning environment
- Ensure enjoyable and effective learning
- Enables more Students-Teacher interactions

**Digestive System**

**Teacher-led Content**

- Bangla
- English
- Mathematics
- Science
- Social Science
- Agriculture
- Geography
- Religion

*Creatively being unleashed*

**Content Development**

*Animated – Video - Text – Audio – Web based*

- Content development by others
  - Highly professional
  - Easy to operate
- Content development by teachers
  - Ensure teacher’s ownership
  - Need minimum technology literacy
  - Content ownership huge

*Top-down Model*

- Content development by others

*Bottom-up Model*

- Content development by teachers

- Ensure teacher’s ownership

- Need minimum technology literacy

- Liberty for content development

**Teachers’ Blog/Portal**

*ICT for Enhancing Quality of Education*

- ICT for Enhancing Quality of Education

**Join educators and teachers to collaborate**

**www.teachers.gov.bd**
Creating Ecosystem...

- Functional PTI and TTC labs
- Connectivity ensured in training labs
- Proficient resource pool
- Expert Supervisors for monitoring and mentoring
- Collaborative platform for co-creation
- Empowered teachers

Policy interventions

- National Education Policy
- National ICT Policy
- ICT in Education Master Plan
- Projects formulated for establishing multimedia classrooms
- Education related citizen services
- Curriculum Development

People who act as catalysts for 'Change'...

Unite for the Children...

Thank you