Potentials and Prospects of ICT in Education
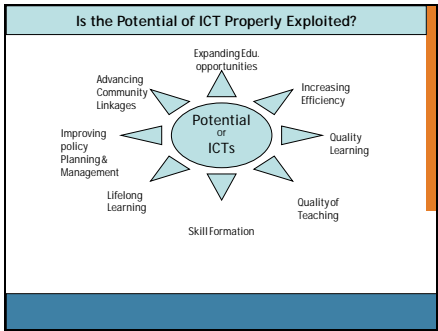

Challenges facing Decision Makers

National Challenges
- Countries are experiencing new worldwide economy that is global, high speed, knowledge driven and competitive,
- Without the essential knowledge and skills societies cannot contribute their potentials,
- Bridge the digital divide between and within countries and extend access to information and technological skills..
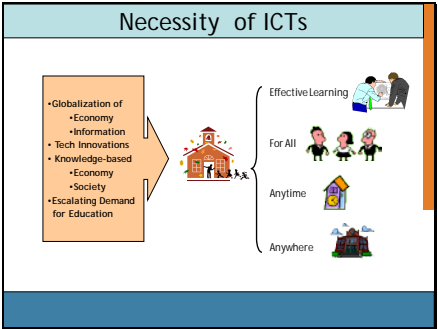

Challenges facing Decision Makers

Educational Challenges
- Inequalities in educational opportunities,
- Quality of educational services and level of learning achievement persist by gender, rural/urban, geographical and socio-economic status,
- Use of ICT delivery channels continues to be ad hoc and marginal,
- Increase in quantitative and qualitative demand for education is not matched by an increase in resources.

Necessity of ICTs

- Globalization of
  - Economy
  - Information
- Tech Innovations
- Knowledge-based
  - Economy
  - Society
- Escalating Demand for Education

Effective Learning
For All
Anytime
Anywhere

Is the Potential of ICT Properly Exploited?

Potential or ICTs

- Expanding Edu. opportunities
- Increasing Efficiency
- Quality Learning
- Quality of Teaching
- Skill Formation
- Lifelong Learning
- Improving policy Planning & Management
- Advancing Community Linkages

Potential: Enhancing Quality of Learning

- Motivate and engage learners,
- Bring life to concepts and processes,
- Foster inquiry,
- Provide flexibility,
- Allow application of information,
- Provide access to world of information,
- Bring the world into the classroom,
- Offer collaborative opportunities and communication,
- Offer tutored and individualized learning,

Potential: Sustaining Lifelong Learning

Issues
- Workers need to learn new skills,
- Modern societies demand constant updating,
- The "educated" can become outdated,
- Life-cycle pattern is changing.

Potential: Advancing Community Linkages

- ICT access varies within countries,
- Disparities is magnified by gender factor,
- ICT access contributes to escape from poverty,
- ICT access for all requires attention to
  - Infrastructure
 - Cost
  - Laws and regulations.

Notion of Community Telecenters

Needed Tools and Services
Telephoning and faxing
Basic computer applications, Including word processing and spreadsheets
Internet access, E-mail account to allow in-country and international linkages
Printing, copying and scanning
Digital/video camera
Television with VCR/DVD player, Meeting room

Notion of Women-Friendly Telecenters
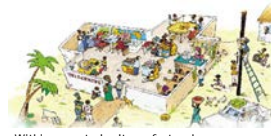
- Within accepted culture; fosters harmony
- Women do not have to travel far
- Center meets needs of men and women
- No childcare problem
- Space is roomy and provides privacy
- Staff is well trained

Obstacle to use Telecenters

- Economic Obstacles:Pay for the services?
- Physical Obstacles:Location
- Social Obstacles: Gender, age, ethnic reason?
- Political Obstacles: Politicized
- Educational Obstacles:Technophobia?
- Ignorance: Existence and offers?

Infrastructural obstacle : Alternatives

"We do not think anymore of the spectacle of printing every time we read a book, the phenomenon of TV every time we watch a movie, or the miracle of the telephone every time we make a call.

The ultimate success of ICTs for learning will be attained when we stop marveling about the ICTs and apply our minds and emotions to the wonders of learning."

Thank You