



**E-Learning
through
Media Networks**
The Indian Scenario

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Distance Education Over the Years

- **Correspondence education**
- **Media supplemented learning**
- **Interactive networks**
- **E-learning**

Indian Scenario

1982 : Dr. BRAOU

1985 : IGNOU

1991 : TDCC

2000 : Gyan Darshan

Tamil Virtual University

APNET Project

2001 : Gyan Vani FM Stations

2004 : Edusat Project

APNET Project

- **First Project of its kind on Ku-Band**
- **First State-level broadcast network**
- **5 TV channels and 1 data channel**
- **Audio/Video Interactivity**
- **> 2000 receive terminals**
- **8000 more terminals being set up**

Edusat Project

- **Satellite exclusively for Education**
- **Two National Beams**
- **Five Spot Beams**
- **Video multicasting**
- **Video conferencing**
- **Permits asynchronous learning**
- **Web Browsing at remotes**

Edusat : User Organisations

National :

- **IGNOU**
- **CEC/UGC**
- **CIET/NCERT**
- **DST**

Regional

- **APNET /Mana TV (2078)**
- **Orissa (1434)**
- **Gujarat (550)**
- **Karnataka (200)**
- **Tamilnadu (20)**

AP Broadband Network

- **Entire state being wired with Optic Fiber**
- **10 GB at District HQs**
- **1 GB at Mandal HQs**
- **100/50 Mbps at Village level**
- **E-learning a major application area**
- **Mana TV to video stream on AP Broadband**

Other E-learning Initiatives

- **UGC - INFLIBNET**
 - E-journals consortia
 - Multi-media authoring tools
 - Training in new technologies
- **IGNOU**
 - Adv. Dip. in Information Technology
 - Bachelors in Information Technology
- **Tamil Virtual University**
- **Maharashtra Knowledge corporation**
- **Virtual Univ. for Agriculture Trade**
- **Virtual Academy for semi-arid tropics**

Problems & Prospects

- **Intellectual Property Rights**
- **Quality and authenticity of content**
- **Hardware and software issues**
- **E-publishing & E-learning to dominate in future**

Thank you