

**Course Objectives :**

- Understanding the educational technologies
- Understanding the various perspectives of technology in education
- To know the approaches and learning concept in education technology
- To understand the role of ICT in education technology
- To understand E-Learning , types, tools and standards

**Unit 1 – EDUCATIONAL TECHNOLOGIES**

Introduction to Educational Technology, Concept and Scope of Educational Technology, Educational Technology: Historical Developments, Free and Open Source Movement in Education, Current Trends of Technology Use in Education, Miniaturization of Technology

**Unit 2 – PERSPECTIVES OF TECHNOLOGY USE IN EDUCATION**

Social Perspective of Technology Use in Education, Ethical Perspective of Technology Use in Education, Legal Perspective of Technology Use in Education, Health Perspective of Technology Use in Education, Pedagogy Perspective of Technology Use in Education, Policy Perspective of Technology Use in Education

**Unit 3 – ET: A SYSTEMS APPROACH & LEARNING**

Systems Approach and Problem Solving, Feedback Mechanism, Transfer of Training, Learning: Concept and Forms, Implications of Learning Theory, Impact of ET on Learning, Trends in Learning Approaches

**Unit 4 - ROLE OF ICT IN EDUCATION AND TRAINING, E-LEARNING: TYPES, TOOLS AND STANDARDS**

ICT Use- Issues and Concerns, E-Learning: Concept and Types of E-learning, Synchronous Learning, Asynchronous Learning, Blended Learning, Mobile Learning, Flipped Learning, Learning Management Systems (LMS), E-Learning: Online Delivery of Education and Training, E-Learning Systems.

**Unit 5 - POLICY ISSUES FOR ET**

A Global Overview on ET Policy, Evolving Policy Perspectives in Educational Technology, ET Infrastructure / Initiatives, Policy Implementation and Impact Assessment.

**References and Recommended Reading :**

- Bhatt, B.D., Sharma, S.R. (1992). Educational technology: Concept & technique. New Delhi: Kanishka Publishing House.
- Goel, D. R. (2000). ICT education: Changes and challenges. Indian Education. New Delhi: NCERT.
- Gupta, S. C. (2002). E-learning: technology update. <http://informatics.nic.in/technology.htm>
- Stacey, Paul (2001). LMS & LCMS: E-learning: an enterprise application. E;Learning, October 2001, <http://www.bctechnology.com/statics/pstacey-oct2601.html>