### Unit Description in detail

#### Unit 1: Introduction to Educational Technology:
- Meaning and scope of E.T.
- Forms of Educational Technology
  - Behavioural technology
  - Teaching technology
  - Instructional technology
- Components of Educational technology software – Hardware concept
- Introduction to major institutions of Educational technology in India: CET, EMRC, IGNOU

#### Unit 2: System Approach:
- Concept of system and system approach
- System approach in Educational technology and its features
- System approach to education and its components: Goal setting, Task analysis, Content analysis, context analysis and Evaluation analysis
- System approach for class room and self learning

#### Unit 3: Instructional Design:
- Instructional design: Concept and meaning
- Process and Stages of Development of Instructional design
- Instructional design for competency based teaching
- Instructional design for developing self learning material

#### Unit 4: Modalities of Teaching:
- Difference between:
  - Teaching and instruction
  - Conditioning & Training
- Stages of teaching – Preactive, Interactive, and Post-active
- Teaching at different levels – memory, understanding and reflective
- Modification of teaching behavior:
  - Micro teaching
  - Flander’s Interaction analysis
  - Simulation

### Basic Text & Reference Books:

- नामक, जयेश अं. (१८८४). गृहित शिक्षणनी आधुनिक धिशा. सुरत, गजलन पुस्तकालय।
- शास, दीपिका ब. (१८८५). शिक्षक प्रौद्योगिकी. अमदावाद: यूनिवर्सिटी प्रंब निर्माण बोर्ड।
- शास, ग. (१८८५). शिक्षक मनोविलासमां अध्ययनमीमांसा. अमदावाद: यूनिवर्सिटी प्रंब निर्माण बोर्ड।