



**DETAILED SYLLABUS of M. A. (EDUCATION)
THIRD SEMESTER**

MAEduC-302 EDUCATIONAL TECHNOLOGY

COURSE OBJECTIVES :

The students will be able to :

- Understand the nature and scope of educational technology and also about the various forms of technology
- Establish relationship between learning theories and educational technology
- Know the instructional design and modes of development of self - learning material.
- Know the different models of teaching.
- Develop basic skills in the production of different types of instructional material.
- Know the recent innovation and future perspectives of educational technology.
- Familiarize with evaluation techniques

UNIT	COURSE CONTENT	Credit
1	Meaning and Scope of Educational Technology	1
1.1	Meaning and Concept of Educational Technology	
1.2	Nature, Scope and Significance of Educational Technology;	
1.3	Components of Educational Technology Hardware and Software; System approach in Educational Technology.	
1.4	Educational Technology and Instructional Technology.	
2	Communication Technology	1
2.1	Communication Process: Concept, nature, process, type, Principle for effective communication process.	
2.2	Modes and Barriers of communication, Classroom communication (interaction verbal and non-verbal) and Mass media approach	
2.3	Uses of Communication Technology in Teaching – Videotape, Radio-Vision, Tele conferencing, Video Conferencing, CCTV, INSAT, and problems of introducing new technologies in the Indian context	
2.4	Resources centers for Educational Technology – CIET, UGC, Open sources (MOOC), Blended Learning, State ET Cell, AVRC, EMRC, NIST –their activity for the improvement of learning processes.	
3	Models of Teaching	1

3.1	Meaning, Definition, Characteristics and Basic Assumptions	
3.2	Types and Element of Teaching model	
3.3	Enquiry training Model	
3.4	Concept attainment model	
4	Role of media in School Management and Class room teaching	1
4.1	School Management – Admission and Evaluation	
4.2	School Management – planning of activity, communication with society and beneficiaries	
4.3	Classroom teaching – Social networking and media	
4.4	ICT Literacy	

References:

1. શુક્લા એસ. પી. શિક્ષણમાં માધ્યમનો વિનયોગ : અમદાવાદ ક્ષિતી પબ્લિકેશન
2. રાવલ એસ. સી. અને અન્ય. શૈક્ષણિક ટેકનોલોજી અને વ્યવસ્થાપન : અમદાવાદ અનડા બુક ડીપો, ૨૦૦૩
3. પટેલ જી. વી. અને અન્ય. શૈક્ષણિક ટેકનોલોજી અને અધ્યયન – અધ્યાપન પ્રક્રિયા : અમદાવાદ અક્ષર પબ્લિકેશન, ૨૦૦૯
4. સચદેવા એસ. એસ. એવં અન્ય : સૂચના, સંચાર એવં શૈક્ષિક તકનીકી : પટિયાલા ટ્વેન્ટી ફર્સ્ટ સેન્ટ્ર્યુરી, ૨૦૧૨

English Book

5. Mangal S. K. and Mangal Uma (2017): Essentials of Educational Technology. PHI Learning Private Limited Delhi.
6. Al Januszewski A.; Molenda Michael. (2007) Educational Technology: A Definition with Commentary
7. Sharma, S. R. (2003): Educational technology. Croom Helm London