



AMITY UNIVERSITY

UTTAR PRADESH

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
3	1	-	-	4

Course Title: Educational Technology

Course Code: EDU 123

Credit Units:04

1	Objectives: On completion of this course the students will be able to Adequate understanding of the importance of technology in education. 2. Realize the value and importance of technology in education. 3. Develop skills in the development and utilization of technology in education. 4. Utilize research output and the web in the choosing, designing technology in education. 5. Design both conventional and non conventional technology in support to the delivery of instruction. 6. Develop assessment tools in the evaluation of technology in education.	
2	Pre-requisites: Understanding of Curriculum Planning and Development	
3	Student Learning Outcomes: Students will be able to: <ul style="list-style-type: none">• Define the need, nature, concept and scope of Educational Technology.• Express the basic components, principles of communication and factors influencing communication.• Evaluate the effectiveness of communication.• Develop the understanding of the concept of system approach, designate implications for teaching learning activities.• Analyze the concept of individualized instruction and multimedia packages.	

	<ul style="list-style-type: none"> • Develop the awareness of recent innovations in the field of educational technology. • Develop the basic skills of resources management. 	
4	Module I : Introduction to Educational technology Education Technology: Meaning; Scope and Functions Need of Educational Technology in Teaching Learning Process Components of Educational Technology -hardware, software Approaches in Educational Technology: systems approach, multimedia approach	20%
5	Module II : Principals and maxims of teaching General principals of teaching Psychological principles of teaching Maxims of teaching	20%
6	Module III Teaching and its support system Difference between teaching and instruction Designing instructional strategies: lecture, team teaching, discussion, seminars and tutorials Teaching at different levels: memory, understanding, Reflective Teaching support system: smart board, Tape Recorder, Educational Radio, Educational Television, OHP, Slide Projector, Interactive Video, Computer, Software-Scripts (Audio and Video), Slides, Programs, News Papers, Textbooks, Maps, Models, Pictures and educational field	20%
7	Module IV : Innovations in Educational Technology Video Lesson, Talk Back Experiment, CAI, Interactive Video and smart board Teleconferencing, Video Conferencing e learning, virtual classrooms	20%
8	Module V : Teacher evaluation Meaning and definition Criteria's employed for evaluation of teachers Evaluation of teachers by their students, colleagues, supervisors' Evaluation of teachers on the basis of the teachers contribution to institutional improvement	20%

Course Contents/Syllabus:

9	Pedagogy for Course Delivery: Lecture, Presentation, Tutorial, Seminar, Discussion	
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10**Assessment / Examination Scheme:**

Theory L/T (%)	Lab/Practical/Studio (%)	End Term Examination
30%	NA	70%

Theory Assessment (L&T):

Continuous Assessment/Internal Assessment					End Term Examination
Component (Drop down)	Test	Project	Seminar	Attendance	
Weightage (%)	10	10	5	5	70

Text & References:

1. Agrawal, J.C.: Educational Technology and Management. Agra: Vinod Pustak Mandir. 2003.
2. Agrawal, Rashmi: Educational Technology and Conceptual Understanding. New Delhi: Prabhat Prakashan, 2001.
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4. Chand, Tara: Educational Technology. New Delhi: Anmol Publication, 2002.
5. Davis, I.K.: The Management of Learning. London: McGraw Hill Book Company, 1971.
6. Dececo, John, P.: Educational Technology: Readings in Programmed Instruction. London: Holt Rinehart and Winston, 1964.
7. Jerone, P. L. and Clarence, M. W.: A Guide to Programmed Instruction. J. Wiley and Sons, New York, 1975.
8. Kumar, K.L.: Educational Technology and Conceptual Understanding. New Delhi: New Age Publication, 2001.
9. Mangal, S.K.: Fundamentals of Educational Technology. Ludhiana: Prakash Brothers, 1988.
10. Mukhopadhyay, M.: Educational Technology – Challenging Issue. New Delhi: Sterling Publishers Private Limited, 1980.
11. Pal, H.R.: Speech Communication. Bhopal: M.P. Granth Academy, 2003.
12. Rao, Usha: Educational Technology. Mumbai: Himalaya, 2001.

13. Richmond, W. Kenneth: The Concept of Educational Technology-A Dialogue with Yourself. London: Weldenfeld and Nicols, 1970.
14. Sahoo, P. K.: Education Technology in Distance Education. Arawati Publications, New Delhi, 1999.
15. Sampath, K. et al.: Introduction to Educational Technology. New Delhi: Sterling Publishers Private Limited, 1990.
16. Sharma, R.A.: Technology of Teaching (Teacher Behaviour). Meerut: Loyal Book Depot, 1980.
17. Sharma, R. A.: Technology of Teaching. Meerut: Lyall Book Depot, 1986.
18. Singh, P.: Cybernetic Approach to Teaching. The Progress Education, Pune May 1984.
19. Smith, K. U. and Smith Marget, F.: Cybernetic Principles of Learning and Education. New York: Holt, Reinehart and Winston, 1966.
20. William, D. Bontwell: Using Mass media in School. New York: Appleton Century Crops., 1962.
21. Taber, J.J., Glasser,

Remarks and Suggestions:

Date:

Name, Designation, Organisation