



C. U. SHAH UNIVERSITY
Wadhwan City

Department of Education (M.Ed.)
Semester: - III
Code: - MED03EDT3
Name: Educational Technology

Teaching & Evaluation Scheme: -

Subject Code	Name of the Subject	Teaching Scheme (Hours)				Credits	Evaluation Scheme							
		Th	Tu	Pr	Total		Theory				Practical (Marks)			Total
							Sessional Exam		University Exam		Internal		University	
							Marks	Hrs	Marks	Hrs	Pr/Viva	TW	Pr	
MED03 EDT1	Educational Technology	4	0	0	4	4	30	--	70	3	---	-----	-----	100

Objectives:

After completion of this course the students will be able to:

1. Understand the meaning, nature and concept of special education
2. Get the knowledge & functions of institutions for special education
3. Understand the meaning, nature and concept of special education for physically challenged
4. Get the knowledge & functions of special education for exceptional students
5. Know the function of special education at every stage of school.

Educational Technology

Unit No.	Name of the Unit	Weight age
1.	1.1 Introduction of Educational Technology	25%
	1.1 The meaning ,definition, characteristics and Nature of Educational Technology 1.2 Types of Educational Technology –Behavioural, Instruction and Teaching Technology 1.3 Approaches of Educational Technology, Role of Teacher in Educational Technology 1.4 Uses of Hardware and Software Technologies in Educational Practices	
2.	Levels of Teaching	25%
	2.1 Levels of teaching Meaning and Concept 2.2 Memory level, 2.3 Understanding level 2.4 Reflective level.	
3.	Communication And Modification Of Teacher Behavior	25%
	3.1 Communication meaning and components of communication process; 3.2 Principles of Communication and Forms of Communication 3.3 Modification Of Teacher Behaviour; micro-teaching Skill -Concept, Characteristics, Merits & Demerits 3.4 Simulated teaching-Concept, Characteristics, Merits & Demerits	
4	Programmed Learning	25%
	4.1 Programmed Learning-Meaning, Concept historical perspectives, and characteristics 4.2 Types of Programmed Learning 4.3 Models of Teaching 4.4 Use of ICT in Distance Learning	

Suggested Activities:

1. Development of the one of the following frames:
 - (a) Linear programme
 - (b) Branching programme
 - (c) Mathematics programme
2. Handling of any one of the following audio-visual aids:
 - (a) Transparency
 - (b) Operating of over head projector
 - (c) Film projector
 - (d) Slide projector
3. Presentation of two lessons by using power point.

1. Abbott, C. (2001). ICT: Changing Education. UK: Psychology Press.
2. Huang, R., and Kinshuk, Jon K. Price (2014). ICT in Education in Global Context: Emerging Trends Report 2013-2014. Heidelberg: Springer.
3. Khan, N. (2004). Educational Technology. New Delhi: Rajat Publications.
4. Kozma, R.B. (2003). Technology, innovation and educational change: A global perspective. A report of the second information technology in education study. Module 2. International Society for Technology in Education.
5. Mambi, Adam J. (2010). ICT Law Book: A Source Book for Information and Communication Technologies. Tanzania: MkukinaNyota Publishers Ltd.
6. Mangal, S.K., & Mangal, Uma (2010). Essentials of Educational Technology. New Delhi: PHI Learning Pvt. Ltd.
7. Mehra, V. (2004). Educational Technology. New Delhi: S.S. Publishers.
8. Pelgrum, Willem J., and Law, Nancy (2003). ICT in Education Around the World: Trends, Problems and Prospects (Volume 77 of Fundamentals of educational planning). International Institute for Educational Planning: UNESCO.
9. Sharma, R.A. (2006). Technological Foundations of Education. Meerut: R. Lall Book Depot.
10. Vrasidas, C., Zembylas, M., and Glass, Gene V. (2009). ICT for Education, Development, and Social Justice: Current perspectives on applied information technologies. Centre for the Advancement of Research & Development in Educational Technology.

