C. U. SHAH UNIVERSITY
Wadhwan City

Department of Education (M.Ed.)
Semester: - IV
Code: - MED04ICT1
Name: ICT in Education

Teaching & Evaluation Scheme: -

Subject Code	Name of the Subject	Teaching Scheme (Hours)				Credits	Evaluation Scheme							Total
							Theory				Practical (Marks)			
		Th	Tu	Pr	Total		Sessional Exam		University Exam		Internal		University	
							Marks	Hrs	Marks	Hrs	Pr/Viva	TW	Pr	
MED04 ICT1	ICT In Education	4	0	0	4	4	30	--	70	3	---	-----	-----	100

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

1.Understand the scope of ICT and its applications in teaching learning.

2. Understand the means of ICT integration in teaching learning.

3Understand the Concept, need and importance of ICT.

4.. Prepare their students to become ICT skilled teachers.

5.. Get acquainted with ICT supported teaching learning strategies.

6.. Prepare the students to select to appropriate ICT facilities.

7.. Get acquainted with the new trends in ICT.

8.. Get information about computerized multimedia

ICT In Education

Unit No.	Name of the Unit	Weight age
1.	**ICT In Education**	25%
	1.1 ICT: Concept, Need and Importance of ICT in Education 1.2 Scope of ICT in Education: Teaching –Learning process (Computer Assisted Instruction, Computer Aided Instruction, CMI,WBI), Evaluation and Examination, Teaching Learning Development, 1.3 Application of ICT: School Administration and management, Research, Library 1.4 Necessary skills for ICT Teachers	
2.	**ICT Supported Teaching Learning Strategies**	25%
	2.1. E-Learning and Web base learning–concept, features and educational application 2.2. Co-operative and Collaborative Learning –concept, features and educational application 2.3. Project based Learning -–concept, features and educational application 2.4. Communication Tools - Mobile, e-mail, chat, Online Conferencing, Blog, Wiki, Internet forum, News Groups. Different mobile education app group	
3.	**New Trends In ICT**	25%
	3.1. Virtual Classroom - concept, elements, advantages and limitations 3.2. Smart class room – concept, elements, advantages and limitations 3.3. Edusat - concept, elements, advantages and limitations 3.4 Online Learning Resources: e- Library, Websites, MOOC,NROER	
4	**ICT, Education & Society and Social Media**	25%
	4.1 Challenges occurred due to use of ICT In Education 4.2 ICT In society, Recommendation of NCERT regarding ICT 4.3 Social Media & Network list & list of social network 4.4 Obstacles of Educational use & suggestions for effective use of social network	

Suggested Activities:

1.Preparation and presentation of a lesson plan for B.Ed. trainees for teaching any one relevant topic in word processor.

2. Preparation and presentation of slides for teaching any topic at the teacher education level.

3. Enroll any one online free course and make a report of your learning.

4. Search and maintain a list of online educational journals and abstract services

Reference Books:

1 Richey, R. (1986). The theoretical and conceptual bases of instructional design. London: Kogan page.

2.. Romizowski, A. J.(1986). Developing auto-instructional material. London: Kogan Page.

3. Vaishnav, R. 2013 : Learner Controlled Instruction , Lambert Academic Publishing Deutschland, Germany

4. Vaishnav ,R. &Parasher G.S.2010 : Computer Aided Instructional Design in Education, KitabiDuniya, New Delhi

5. T.M. Srinivasan (2002), Use of Computers and Multimedia in Education Horton, W (2001)

6.Mallik, Utpal et al. (2001): Leaning with Computers Level – III. NCERT New Delhi.

7.. Lee, William W; Diana L Owens (2001) Multimedia – Based Instructional Design: Computer – Based Training. Jossey – Bass.

8. P K Sinha. (1990): Computer Fundamental.

9.. Gagne, RM, Leslie J.B.; & Walter W.W. (1987) Principles of Instructional Design Wodworth Publishing Co.

10.. Horton, W (2001): Designing web-based Training John Wiley & Sons.