



**C. U. SHAH UNIVERSITY**  
**Wadhwan City**

**Department of Education (M.Ed.)**  
**Semester: -III**  
**Code: - MED03MAE1**  
**Name: Measurement and Evaluation**

**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	
MED01 MAE1	<b>Measurement and Evaluation</b>	4	0	0	4	4	30	--	70	3	---	----	-----	100

**Objectives:**

**On completion of this course the students will be able to:**

1. Understand the concepts of measurements, evaluation and examination.
2. Develop the skill of formulating instructional objectives, learning experiences and evaluation procedures.
3. Develop the skill to use evaluating tools.
4. Collect scientific data about learners by administering different types of tests.
5. Develop the familiarity with the teacher made and standardized achievement tests.
6. Understanding the problems of evaluation in the present system of education.
7. Understand the vitality of continuous and comprehensive evaluation in education.
8. Prepare and use psychological test of different kinds
9. Handle data and interpret results
10. Carry to examination and evaluation work
11. Understands meaning and nature of psychological testing and its underlying- principles
12. Selects and administers tests
13. Scores tests and interpret results

## Measurement and Evaluation

Unit No.	Name of the Unit	Weight age
1.	<b>Educational Evaluation</b>	25%
	1.1 Meaning and concept of Educational Measurement & Evaluation 1.2 Evaluation: Need of Evaluation, Principles of Evaluation in Education, Role of Evaluation in Education 1.3 Principle of Evaluation 1.4 Type of Evaluation: Formative, Summative & Diagnostic Evaluation, Continuous & Comprehensive Evaluation	
2.	<b>Tools &amp; Techniques Of Evaluation</b>	25%
	2.1 Measurable dimensions of a performance in progress Speed, Accuracy, Discrimination, Economy of Effort, Timing, Intensity, Coherency 2.2 Classification of the test: tools & techniques in education & mental measurement: General classification of educational & Mental test: Test, scales & scaled tests, Verbal – non verbal & performance test, Teacher made & standardized test 2.3 Educational Tests: Oral Examination, Essay Examination, Objective Examination & Scale, Performance test & Scales 2.4 Innovations in Examination: Concept of Open Book Examination, Open Web examination, Take Home Examination, Project Examination, Online Examination, On Demand Examination, E- Tools of Evaluation. Standardized Evaluation Test: (Meaning, Nature, Type & Administration) Intelligence Test, Interest Inventory, Aptitude Test, Attitude Scale, Adjustment Inventory	
3.	<b>Standardized Test &amp; Construction</b>	25%
	3.1 Standardized Evaluation Test: (Meaning, Nature, Type & Administration) Intelligence Test, Interest Inventory, Aptitude Test, Attitude Scale, Adjustment Inventory 3.2 Meaning of Standardized Test : Establishing validity & reliability of test, Deriving norms of standardized test 3.3 Uses of Standardized test in instruction, guidance, supervision and administration : Planning the testing programme, Selection and administration of the test, Securing and using the results in the classroom 3.4 Cumulative Records	
4	<b>Test Of Scholastic Achievement &amp; Evaluation</b>	25%
	4.1 Test Items: Essay Types ( Meaning, Drawbacks of essay items and measure to improve essay items) Short- Answer types ( Meaning, Advantages) Objective types ( with reference to kinds, construction, characteristics & what they measure ) 4.2 Tools of Evaluation: Rating Scale, Check list, Observation, Self- Evaluation, Sociogram, interview, anecdote 4.3 Evaluation Results: Marks & Marking System: Concept & Problems. Grading: Concept, Types, and Comparison between absolute & relative grading and Calculation of CGPA in different types of Grading 4.4 Semester System: Concept, need, strength & limitations., Uses of Computers in Evaluation	

### REFERENCES:

1. D. Smith, Measurement and Evaluation in Elementary schools, Ajay Verma for Commonwealth Publishers
2. B.V. Verghses, Evaluation in Primary Education, Anmol Publications PVT. LTD.
3. Mohd., Sharif Khan, School Evaluation, Ashish Publishing House
4. David George, Trends in Measurement & Evaluation Techniques, Commonwealth
5. Raj Singh, Techniques of Measurement & Evaluation, Ajay Verma for Commonwealth Publishers
6. S. P. Naik, Role of Evaluation in Education, Anmol Publications PVT. LTD.
7. Educational Interaction & Evaluation, (P.T.C Second Year) Gujarat State Board of School Textbooks
8. S.R. Vashist, Theory of Educational Measurement, Anmol Publications PVT. LTD. New Delhi
9. Educational Technology and Evaluation-Dr.Sanjay Gupta ,Ms.Supria Banerjee
10. School Evaluation-Mohammad Sharif kha