

The image features two large, thick black L-shaped brackets. One is positioned on the left side, with its vertical bar extending downwards and its horizontal bar extending to the right. The other is on the right side, with its vertical bar extending upwards and its horizontal bar extending to the left. These brackets frame the central text.

TOOLS AND TECHNIQUES

Definition Tools and Techniques

- The definition tools and techniques distinguish the quality/customer satisfaction issues. These tools and techniques for definition help the customer-driven project lead team recognize the customer's needs and expectations and critical project processes.
- These tools are:
 - ☞ Quality function deployment (phase 1) is a disciplined approach for listening to the voice of the customer to get customer requirements that are converted into deliverable conditions.

METHOD

umbrella terms that describe the general approach or principle a tool takes, its main aim or its most distinctive characteristic



TOOL

engagement devices that are commonly used and recognized, that have an inherent aim and can be used independently



TECHNIQUE

a simple exercise or engagement activity that can be used when implementing a tool

Tools and techniques

A tool is any physical item that can be used to achieve a goal.

Tools that are used in particular fields or activities may have different designations such as "instrument", "utensil", "implement", "machine", "device," or "apparatus".

The knowledge of constructing, obtaining and using tools is technology.

Technique: The basic method for making or doing something, such as an artistic work or scientific procedure

Skill or command in a particular activity.

Techniques and Tools of Evaluation

- ⊗ Tools and techniques are required to gather information. These should be valid, reliable and usable.
- ⊗ Interpretation of gathered information needs to be given in numerical scores, grades as well as in qualitative terms.
- ⊗ Judgement should be made not just on scholastic aspects but also on co-scholastic aspects



DEFINITIONS

- **ASSESSMENT:**

“Assessment is the process of documenting, usually in measurable terms, knowledge, skill, attitudes, and beliefs.”

“Assessment in education is the process of *gathering, interpreting, recording, and using information about pupils' responses to an educational task.*”

___ Harlen, Gipps, Broadfoot, Nuttal, 1992

Data collection tools & techniques

TOOLS

- Questionnaire
- Interview schedule
- Observation schedule
- Scales
- Tests
- Inventory, Checklist, Opinionnaire
- Sociogram/Sociometry

TEHNIQUES

- Questioning: Written, Oral
- Interviewing: Face to face, Telephonic, Electronic/Net, Group, Video
- Observation
- Projective Techniques
- Panel Methods (Diary, Checklist, Logs etc.)

Differences between techniques and tools

Data collection techniques	Data collection tools
Using available information	Checklist; data compilation forms
Observation	Eyes and other senses, pen/paper, watch, scales, microscope, etc..
Interviewing	Interview guide, checklist, questionnaire, tape recorder
Administering written questionnaire	Questionnaire

Tools for Class room evaluation

Paper Pencil Tests

Subjective type

Objective type

- Extensive Response or Essay Type
- Short Response

1. Supply Type
 - a. Short answer type
 - b. Completion type
2. Selection types
 - a. True false type
 - b. Matching types
 - c. MCQ

Evaluation Tools

Observations

Questionnaires

Interviews

Focus Groups





Evaluation

What is evaluation?



Why to evaluate?



How it is done?



What Is Evaluation?

- ▶ It is a technique by which we come to know at what extent the objectives are being achieved.
- ▶ It is a decision making process which assist to make grade and ranking.

According to Barrow:

- ▶ It is a process of education that involves collection of data from the products which can be used for comparison.



What is evaluation?

Evaluation is the process of examining a subject and rating it based on its important features i.e. criteria





What is evaluation?

- Evaluation is systemic determination of merit, worth and significance of something or someone using criteria against a set of standard. (en.wikipedia.org/wiki/evaluation)
- Evaluation is to draw; to assess; to compute an expression (en.wiktionary.org/wiki/evaluation)
- Evaluation is the process of making judgment based on criteria and evidence. (www.sbctc.edu/College/e-assessglossary)

MEANING OF TECHNIQUE

Technique means a particular technical form of investment expressed as an a input combination with varying capital output and capital labour ratios.



