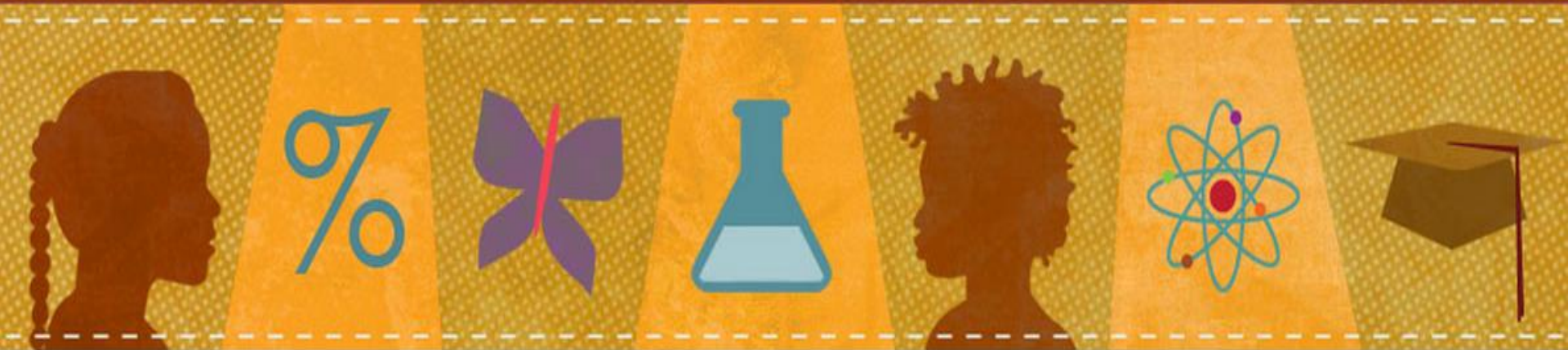


# CREATIVE EVALUATION STRATEGIES FOR HIGHER EDUCATION



**Manmeet S Dayal**  
**Yuanyuan Weng**

*“Most people see what is, and never see what can be.”*

*“It is the supreme art of the teacher to awaken joy in creative expression and knowledge.”*

*- Albert Einstein*



# Outline



- ❧ Introduction of creativity and creative evaluation strategy
- ❧ Examples of creative evaluation strategy
- ❧ Comparisons between traditional and creative evaluation strategy
- ❧ choose evaluation strategy & learning style

# What is creativity?



**Creativity** refers to the phenomenon whereby something new is created which has some kind of subjective value.

It is also the motivational force behind any given act of creation, and it is generally perceived to be associated with intelligence and cognition.



# Why to be creative?



- ⌘ Need for novel, varied, and complex stimulation.
- ⌘ Need to communicate ideas and values.
- ⌘ Need to solve problems.

# Creative evaluation techniques



- ❧ Evaluation involves measuring the results of a learning activity against the objectives.
- ❧ Creative education should incorporate evaluation at all key stages of the education cycle.
- ❧ Creative evaluation method measures these parameters, and also empower students.

# Purpose of creative evaluation



☞ Evaluation techniques are used to find out:

- How much learning took place?
- How effective the training methods used were?
- How effective and useful each of the different sessions during the training were?
- How the facilitators can improve themselves?



- If the objectives were appropriate If the participants enjoyed themselves?
- If the learning can be applied in the participants' job or other situations?
- If the teaching facilities were satisfactory?



# How can assessment promote talent development?



Two different ways:

## ☞ Through direct effects on learner

- Students learn as they know they will be examined.
- Examples: oral exams, research reports, case studies.

## ☞ Indirectly by enlightening the educator

- Students or others report their perception of how well a given learning outcome has been achieved.
- Examples: focus groups, interviews, surveys.

# Method of evaluation



Four basic questions:

- What are you trying to find out?
- How could you go about finding it out?
- When is the best time to find this out?
- What are you going to do with the information?



**☞ Major points to consider in using evaluation methods:**

- Literacy level of the participants.
- Time available for the exercise.
- How the information gathered will be used.



# Strategies for Creative evaluation



# Are we on target?



- ❧ Concentric circles divided into pie-like divisions.
- ❧ Participants place a pin on each pie to reflect their rating.
- ❧ Higher satisfaction levels near the centre.
- ❧ Enjoyable and requires little time to accomplish.



Teaching Goals

Creating an ePortfolio

5

4

3

2

1

Using Technology  
in classroom

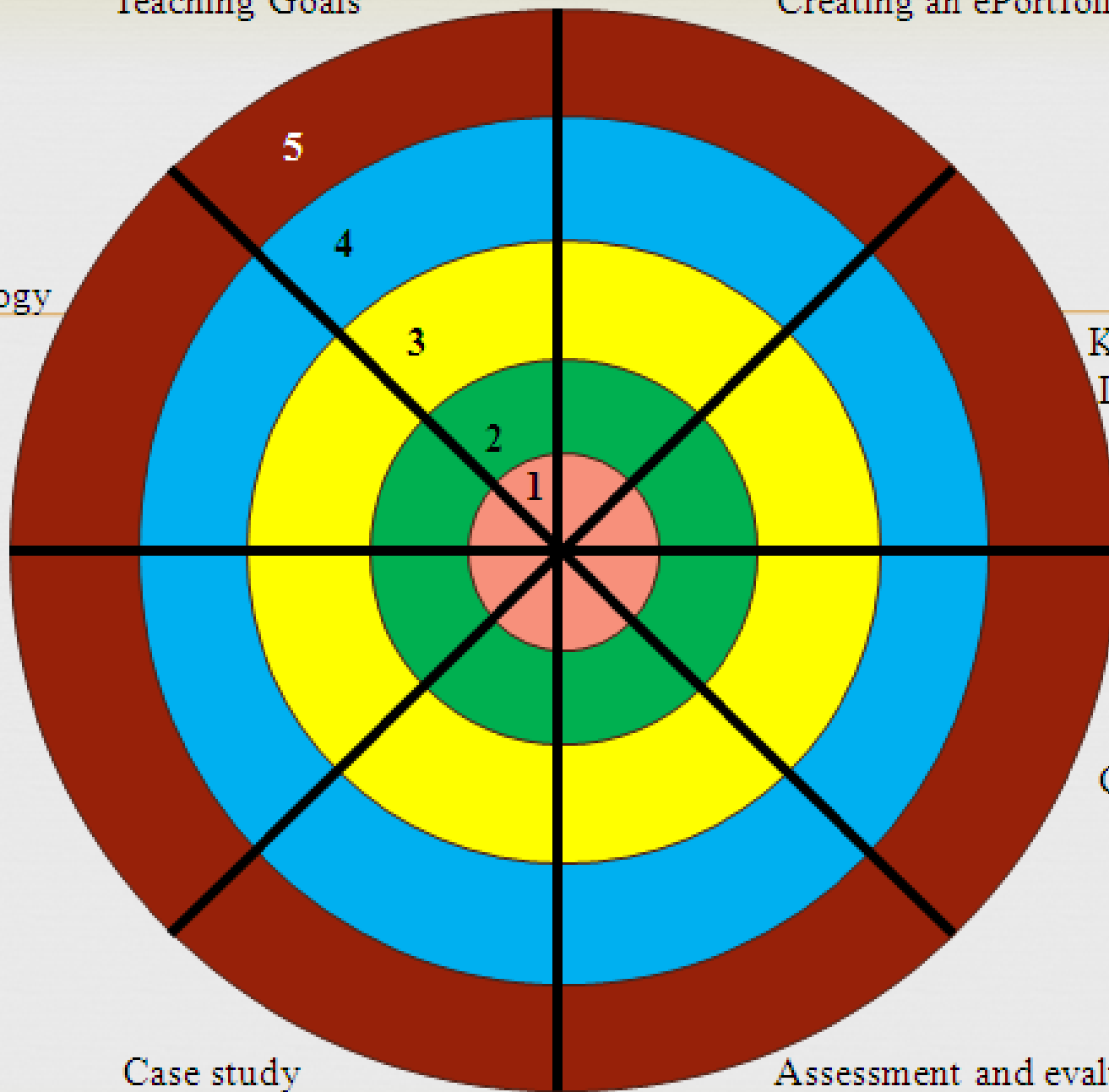
Kolb's  
Learning style

Distance  
Learning

Grading

Case study

Assessment and evaluation



# Tell Me



- ✧ Students write down a key lesson learned on a topic.
- ✧ Evaluations by students are posted it on a wall.
- ✧ Main points are summarized.
- ✧ Can be used to review the previous day's session at the start of the day.

# Complete the sentence



- ❧ Open-ended sentences are given to students, e.g.,
  - I find the teaching effective because...
  - The teaching could be improved by...
  - The facilitators could be more effective if...
- ❧ Students write responses.
- ❧ Open-ended questions elicit wider-ranging responses.
- ❧ Literacy level of participants.





# Tri-Fold Display



- At the end of a teaching session, each student is asked to develop a display board that indicates the most meaningful thing they learned.
- The tri-fold display is to teach others about their learning experience.**



# Physical activities as educational tools



- ☞ Most people learn more through "doing" than through seeing or listening.
- ☞ Provide an opportunity to learn and practice new skills.
- ☞ Illustration of facts in a practical way.
- ☞ Students usually enjoy these practical activities.

## ☞ Song and skits

Student groups compose a song or make a skit portraying key lessons from each of the major aspects of the learning.



## Demonstrations

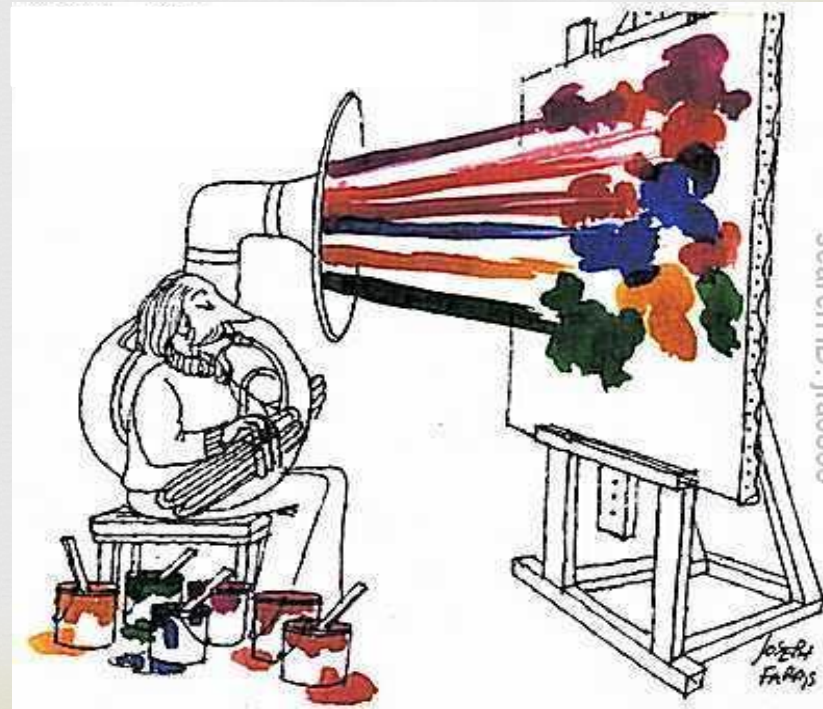
Whenever possible, ask the participants to demonstrate learned skills (e.g., how to use overhead projectors, develop aids, sew a dress, etc.).



# Self-expression through pictures



- ☞ Students express and share their personal perspective by crystallizing this in a picture.
- ☞ Reflection on what they have learnt from the training.
- ☞ Understand perspectives.



# Draw!



- ❖ Photosynthesis
- ❖ Bioremediation
- ❖ Industrial Agriculture
- ❖ Conservation
- ❖ Genetically modified crops/organisms
- ❖ Climate

# Role play



- ☞ Students act out a situation that leads the discussion of ideas and feelings that emerge.
- ☞ Promotes training and communication and evaluation.



# Fishes and Boulders



∞ Evaluate the **barriers and supports**

# Comparisons between traditional and creative evaluation strategy



## Traditional evaluation

- Test
- Quiz
- Paper
- ... ..

## Creative evaluation

- Case study
- Role play
- presentation
- Self-expression through pictures
- Tell me
- Fishes and boulder
- Tri-fold display
- ...

- Differentiation between traditional and creative depends
- How to choose a evaluation method?



# Concrete Experience

Accommodative

Divergent

Active  
Experimentation


Reflective  
Observation

Convergent

Assimilative

# Abstract Conceptualization

# Kolb's Learning Styles

- **Accommodative** 

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  - Doing things, carrying out plans and tasks, adapting and seeking opportunities
- **Divergent**
  - Imaginative ability, awareness of meaning and values, viewing different perspectives
- **Assimilative**
  - Reasoning, creating theoretical models, combining observations into integrated explanations
- **Convergent**
  - Problem-solving, decision-making, practical application of ideas

# Discussion



- ⌘ How to relate the evaluation strategies with the learning style?
- ⌘ What about your experience?

# Conclusion



- ❧ Introduction of creativity and creative evaluation strategy
- ❧ Examples of creative evaluation strategy
- ❧ Comparisons between traditional and creative evaluation strategy
- ❧ choose evaluation strategy & learning style