

# Virtual Classrooms

## : Strategies for Engagement and Interaction

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01

# INTRODUCTION

Virtual classroom



# Virtual Classroom




A virtual classroom is an online learning environment where teachers and students interact in real time or asynchronously using digital technologies.



02

# DIFFERENCE



Virtual Classroom Vs  
Traditional Classroom



# Traditional vs Virtual Classroom



<b>Aspects</b>	<b>Traditional</b>	<b>Vitrual</b>
<b>Interaction</b>	<b>Face-to-face, immediate</b>	<b>Limited, delayed</b>
<b>Facial Exp.</b>	<b>Easily Visible</b>	<b>Mostly Missing</b>
<b>Participation</b>	<b>Active Discussion</b>	<b>Passive Learners</b>



# Traditional vs Virtual Classroom



<b>Aspects</b>	<b>Traditional</b>	<b>Vitrual</b>
<b>Attention</b>	Teacher can monitor	Easily distracted
<b>Relationship</b>	Strong bonding	Weak connection
<b>Engagement</b>	High	Often low



03

# CHALLENGES

Challenges for Virtual Classroom  
Engagement & Interaction

# Challenges

## Limited Interaction

Weak Student teacher communication, Reduced peer collaboration, Lack of immediate feedback).

01

## Technical Barriers

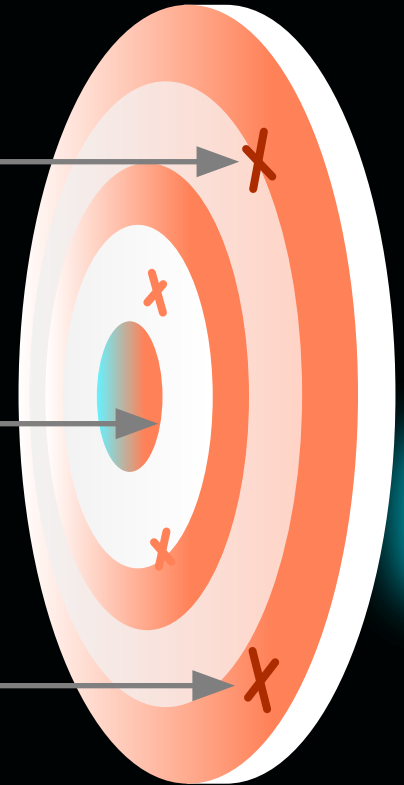
Poor internet connectivity, Limited access to devices, Platform usability issues

02

## Attention & Cognitive Overload

Long lectures cause fatigue, Multitasking reduces focus, Passive learning environment

3



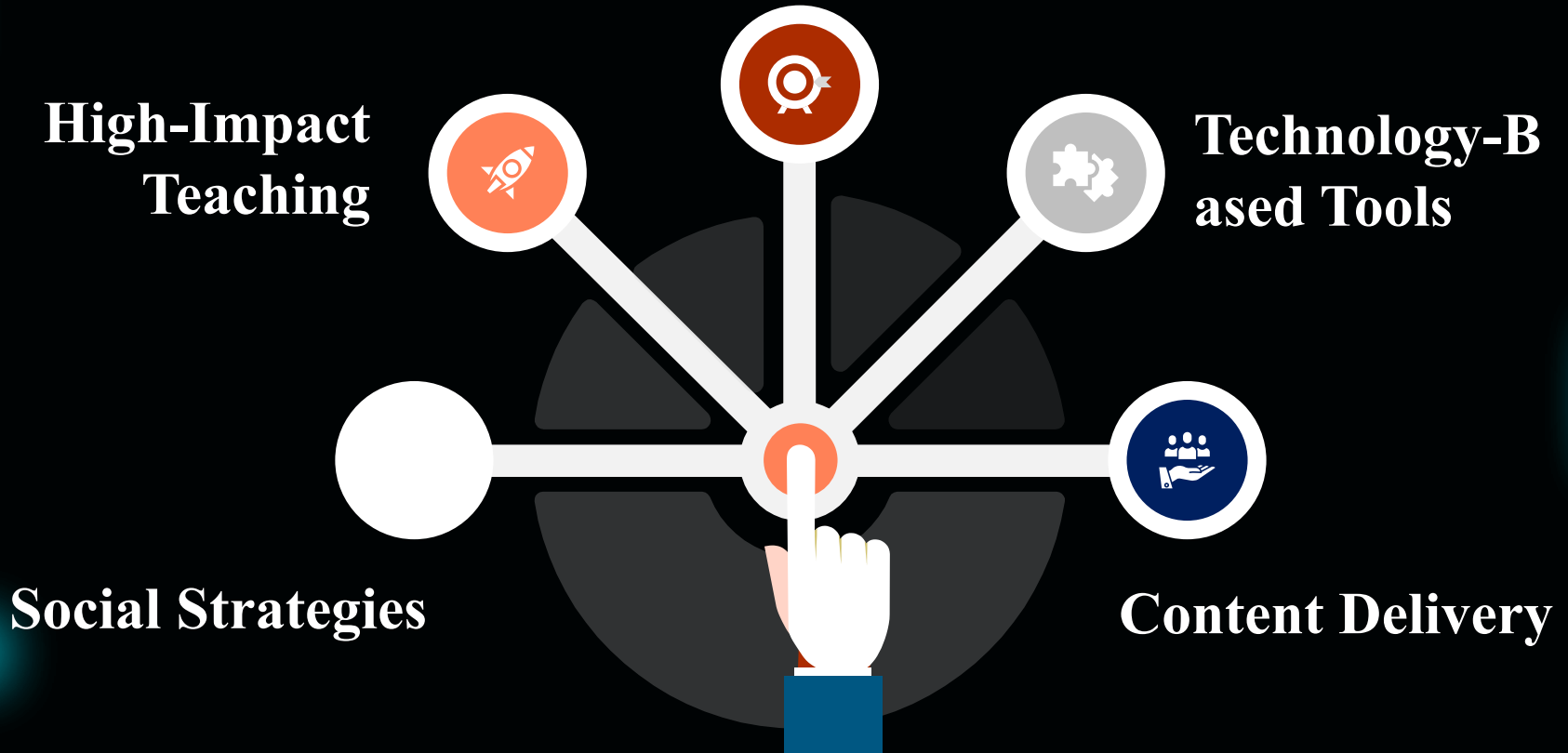


04

# STRATEGIES

Virtual Classroom strategies for  
Engagement & Interaction

# Virtual Classroom Strategies for Engagement & Interaction



# High-Impact Teaching Strategies

## Screen Sharing

Use slides, videos, live demonstrations  
Enhances visual clarity and understanding

## Discussion + Lecture (Interactive Teaching)

Combine explanation with questioning  
Encourage student responses during teaching

# High-Impact Teaching Strategies

## Engaging Curriculum

Use real-life, relevant examples

Connect learning with students' context

## Teacher Modelling

Demonstrate processes step-by-step

Show problem-solving methods clearly

# High-Impact Teaching Strategies

## Clear Instructions

Provide structured, simple directions  
Reduce confusion in online tasks

## Test-Taking Guidance

Teach strategies for answering questions  
Improve assessment performance

# Social Strategies



## Icebreakers

Build comfort and initial  
connection  
(I=L+L, I=I+L)



## Group Work

Promote  
collaboration and  
discussion  
(I=L+L, I=I+L)



## Peer Learning

Learn from  
classmates  
(I=L+L)

# Technology based Tools

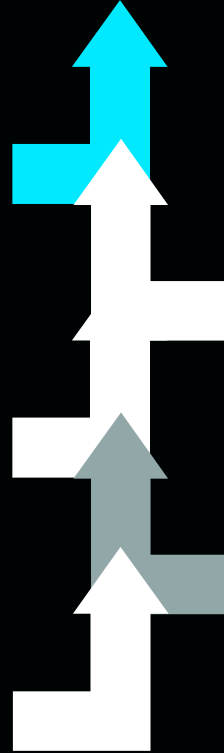
Interactive  
tools



Engagement  
tools



Feedback  
Mechanism



Rapport  
Building tools



Ice-breaking  
activity tools

# Content Delivery Strategies



**Educational  
Videos (I=L+C)**



Use multimedia to explain concepts,  
Improves understanding



**Preview &  
Review (I=L+C)**



Introduce topic before teaching ,  
Revise after session



**Translation  
Tools (I=L+C)**



Support diverse learners,  
Improve accessibility



**Thank YOU**