Ministry of Education
Government of India

G20
भारत 2023 INDIA

75 Azadi Ka Amrit Mahotsav

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एन सी ई आर टी
NCERT

**Online Training on
Blended Learning**

Organized by Central Institute of Educational Technology, NCERT, New Delhi

Designing Blended Learning

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Blended Learning

Blend in Blended Learning by Dr. Jayashree Shinde

https://youtu.be/_yfRtCu9jEU

Blend
is
Beautiful!

Image by Chris Martin from Pixabay
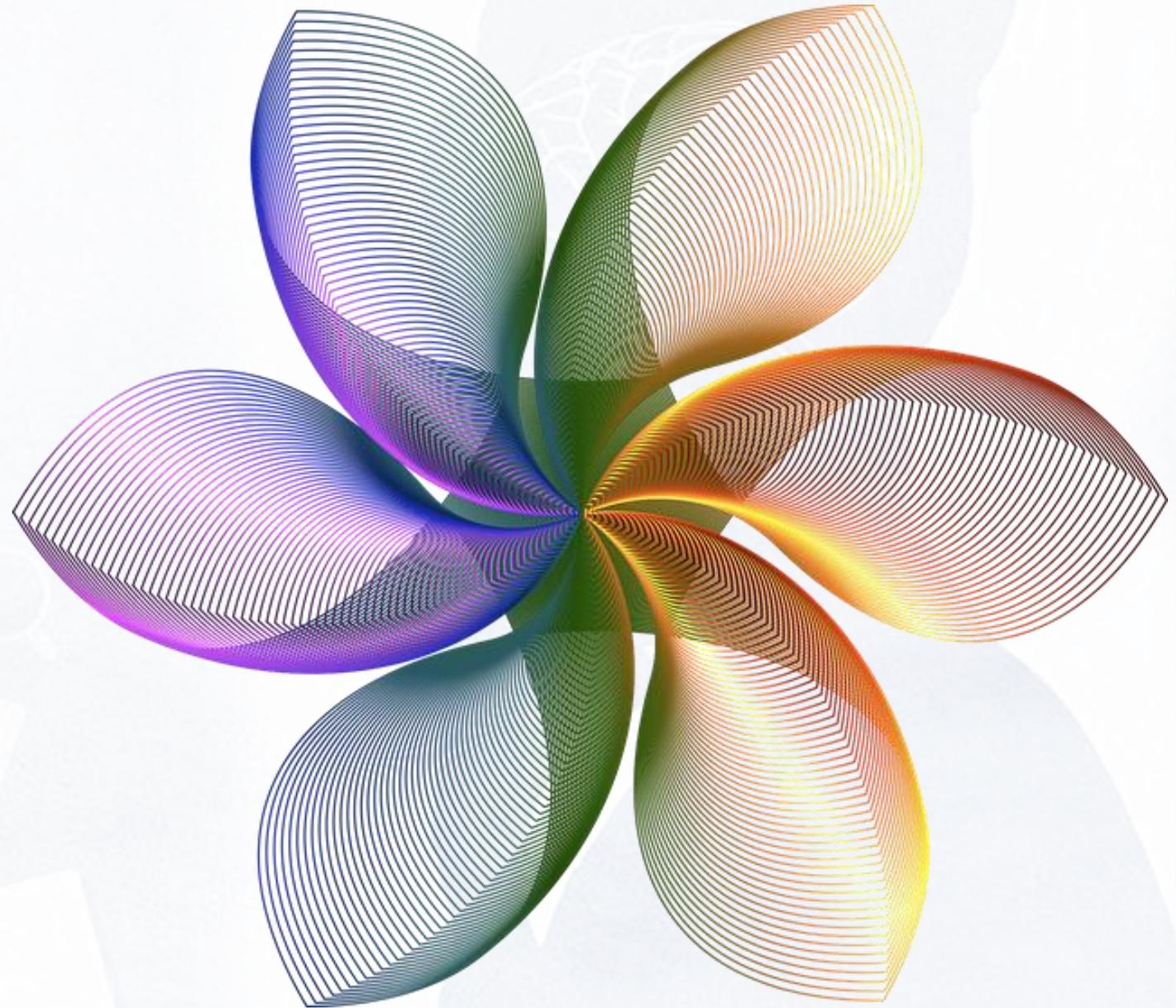
Meaningful Blend is More Beautiful!

Image by Gordon Johnson from Pixabay

Meaningful Blend

of

Teaching-Learning Experiences

Meaningful Blend

needs..

Thoughtful Design
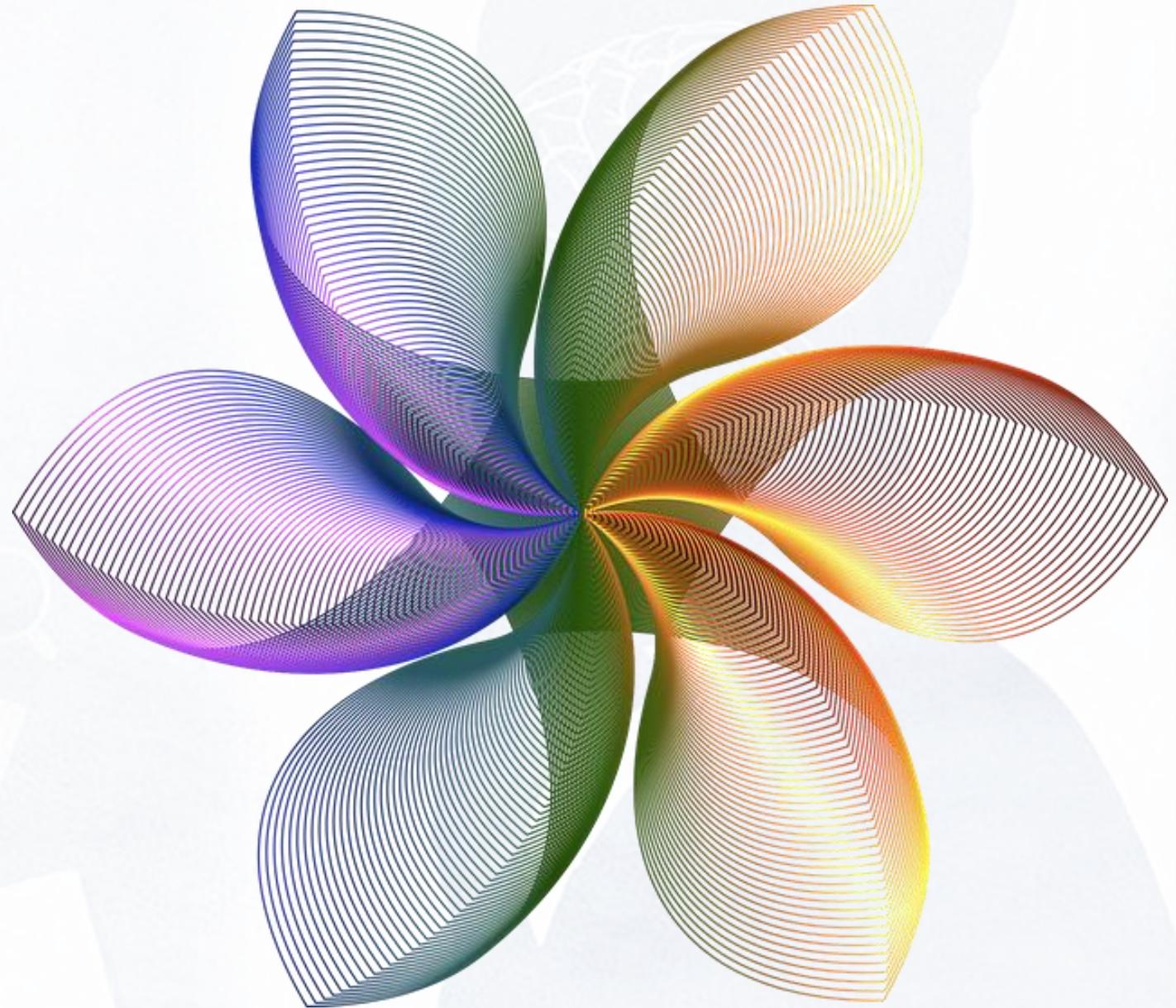
Image by Gordon Johnson from Pixabay

Blended Learning

needs

Planned designs…

Blended *Learning*

needs

Planned designs...

Learning Design

Instructional Design

Analysis

Design

Development

Implementation

Evaluation

Blended Learning

needs

Planned designs...

I P S I T

IPSIT

Review Learning Outcomes and decide mode of teaching-learning...

Identify Resources and Activities

Provide resources and announce activities

Support and provide scaffolding

Identify learning gaps and provide feedback (Formative Evaluation)

Test (Summative Evaluation)

Identify

I P S I T

| Resources | Activities | Resources | Activities | Resources | Activities |

Online | **Offline** | **Flexi**
Online and/or Offline

Blended Learning

Identify

I P S I T

Reading/Viewing Learning resources	Interactive Material	User-generated material (User = Learner)

Resources

Activities

Blended Learning

Individualized learning	Group learning with the material	Individual Learner's Active interaction	Group interaction with the material	Collaborative Platforms for large groups	Through Cooperative Learning Strategies
Reading/Viewing Learning resources		**Interactive Material**		**User-generated material (User = Learner)**	

Resources

Activities

Blended Learning

Identify Resources   I P S I T

Visuals	Diagrams	Concept-map/ Mind-map	Article/ Journal/ Paper	Book	Community person
Community place	Case study	Exhibition	Game	Poster	Cartoon-strip
TED	Webpages	PDF	eBook	Blog	Infographic
Podcast	Video	Interactive Video	Animation	Simulation	**OERs**

Provide Resources

I P S I T

Classroom Walls	Hard copies	Physical kits	Corridors	Library	Community
Digital Walls	Digital Platforms/ ICT Tools	Projection	Mobile Groups	Low-cost devices	Institutional Intranet
Institutional Network	Social Network	Collaboration tool	Learning Management System	MOOC Platform	Digital Portal

Provide Resources

I P S I T

https://padlet.com/jshinde/formats-of-videos-animations-2r82qertwtrf

Provide Resources

I P S I T

Explore DIKSHA's world of open digital content

NCERT ▶ Explore

Explore content published by NCERT (National Council of Educational Research and Training)

CBSE ▶ Explore

Explore content published by CBSE (Central Board of Secondary Education)

View the usage pattern across the nation and all the states

View Dashboard

DIKSHA current usage

5,28,98,05,163 ?
Learning sessions

61,76,47,83,360 ?
Minutes

100% ?
Application Availability

100000000+
50000000+
20000000+
10000000+
5000000+
2000000+
1000000+
500000+
200000+
<200000

*Click on a state/UT for more details

https://www.diksha.gov.in/

Identify

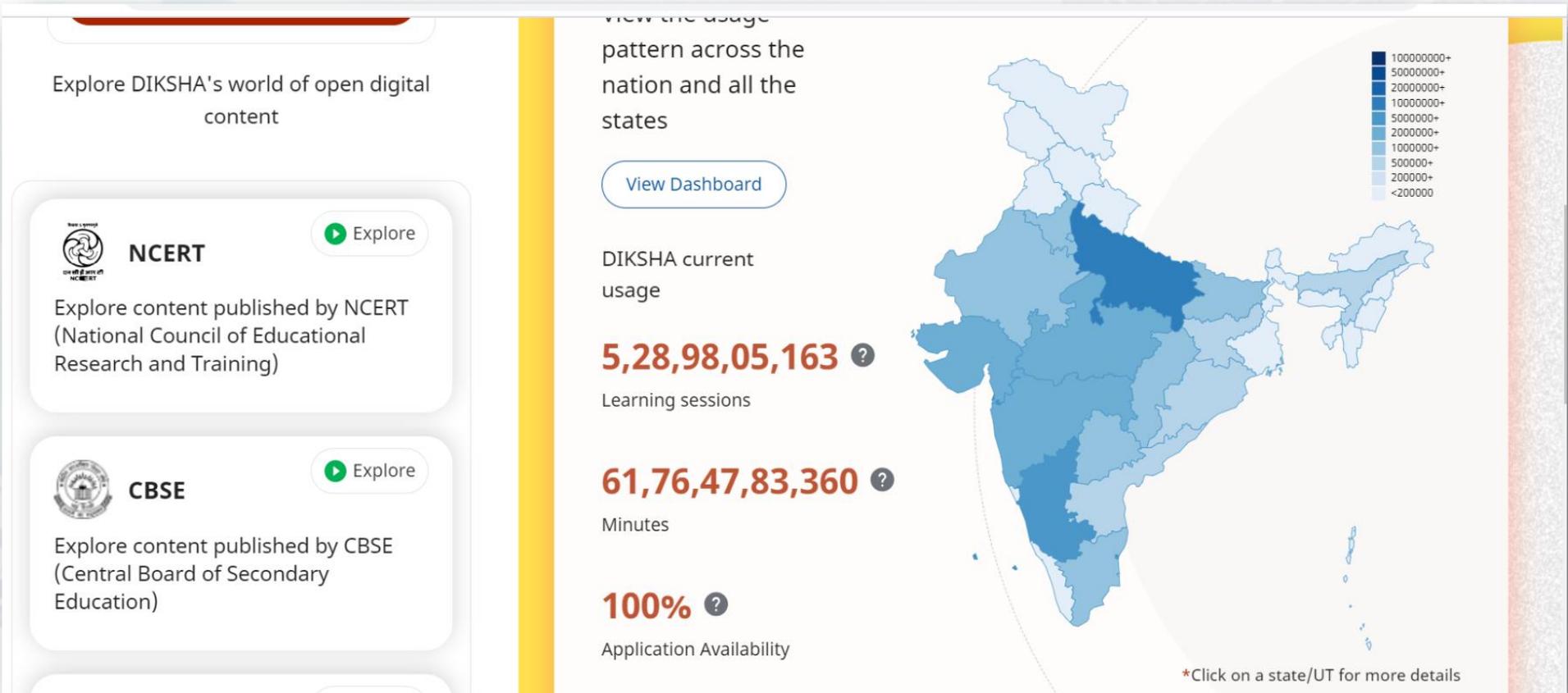**I P S I T**

| Individualized activities | Whole Group with Facilitator | Pair | Small groups |

Resources

Activities

Blended Learning

Identify & Provide Activities

I P S I T

Discussion	Query-solving	Group-work	Collaboration (e.g. Concept-Mapping, Blogging)	Co-creation
Cooperative Learning Strategies	Experiment/ Simulation	Game	Exploration	Field-work
Survey	Community engagement	Simulation	Problem-Solving	Makerspaces

Support & Scaffolding

I P S I T

teacher → facilitator

Identify gaps & provide feedback

I P S I T

diagnostic tests	presentations	quizzes	gamification
assignments	assessment activities	creative products	contribution in activities

Continuous Comprehensive Evaluation

Test
Summative Evaluation

I P S I T

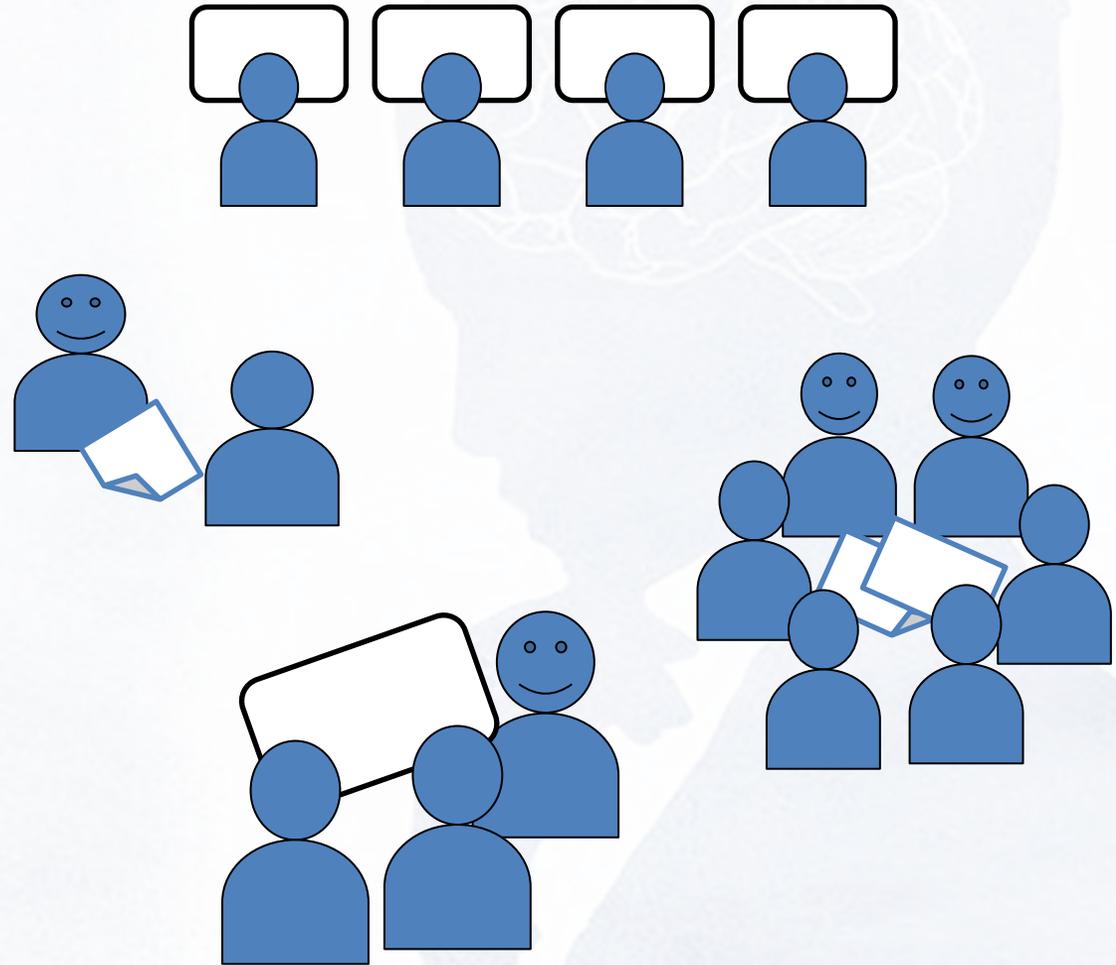|			
Semester-end exam	Open book exam	Practical exam	Viva voce
Major Products	Report	Dissertation	Portfolio

Meaningful Blend

of

In-Class & Out-of-Class
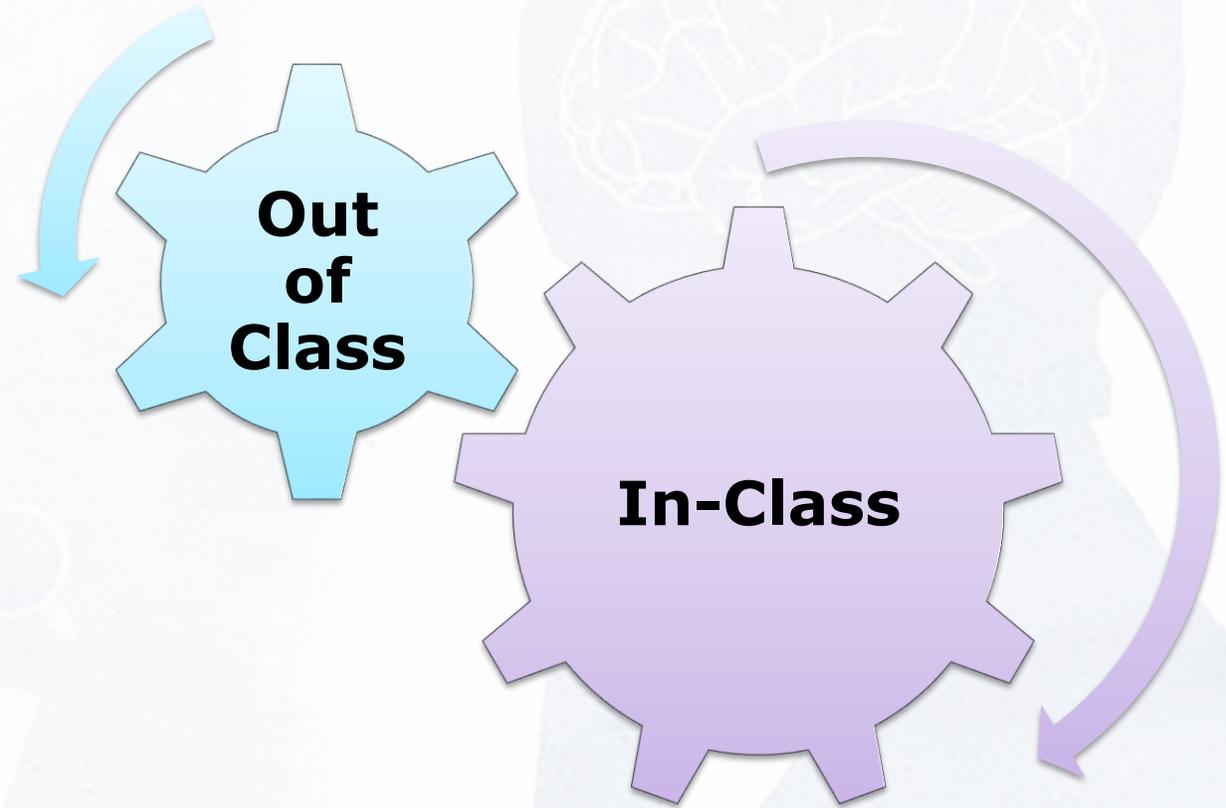
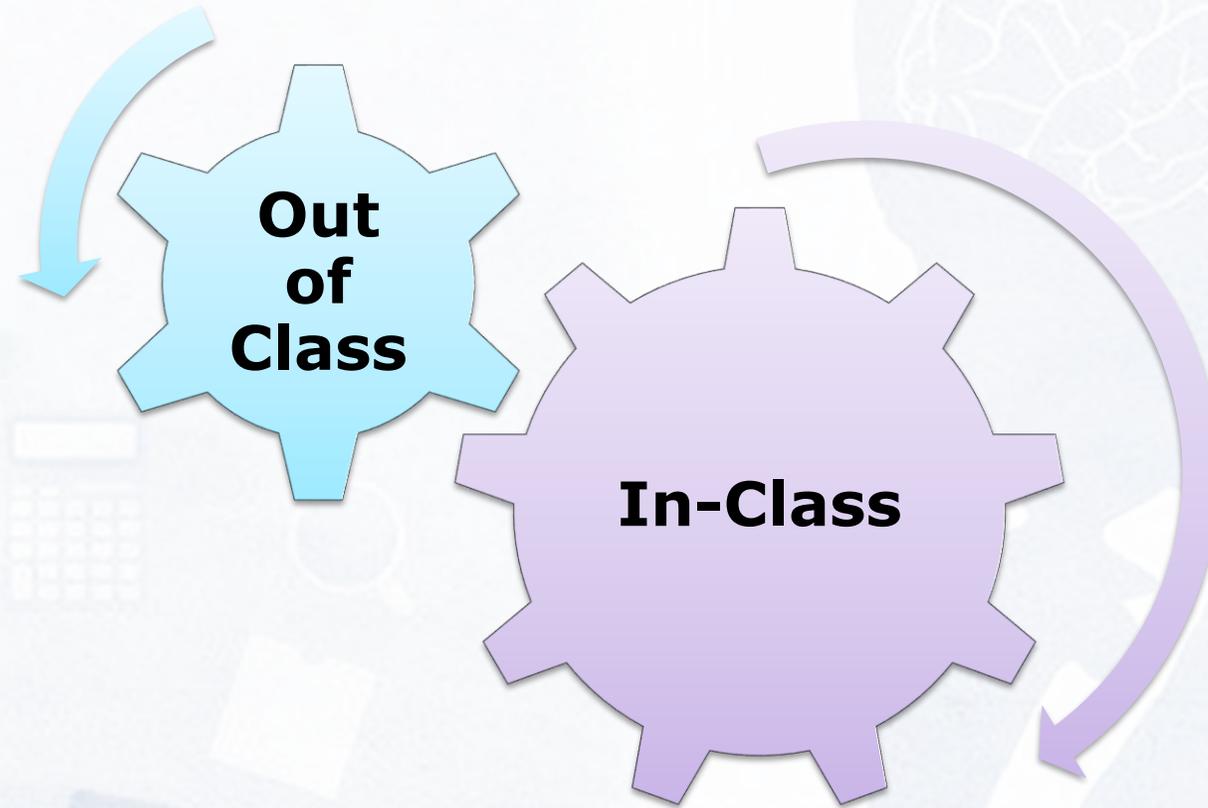*Online & Offline*

Experiences

Meaningful Blend

of

Pedagogy & Technology

in planning…

Out of Class

In-Class

Designing Blended Learning Sessions

Out of Class

In-Class

2,3-1.2, 1.3	O 1.1, O 1.2	15-Jan	ePGP Module 14 PDF File ePGP Module 15 PDF File	The learners will share their concept maps on the discussion forum. They will discuss their concept maps and ask doubts.	Facilitate discussion on the timeline and types by intervening when necessary, and also answer learners' queries.	Online Moodle	00:30

Module 2 : Basic Elements of Mughal Architecture

|						
4- 2.1	O 2.1	17-Jan	• Archaeological Survey of India website www.asi.nic.in Picture Gallery: FatehpurSikri, Agra Fort, Humayun's Tomb, TajMahal • NROER Image Repository: Red Fort https://nroer.gov.in/55ab34ff81fccb4f1d806025/searchresults/?search_text=red+fort#results	Given the visual resources, each home group will identify the elements in online synchronous mode. They will post their identified list on a discussion forum.	Divide the entire class into 5 groups of 3 learners each. This is the home group required for the Jigsaw strategy to be employed later.	Classroom	01:00
5,6,7 - 2.2, 2.3, 2.4	O 2.2	18 Jan-21 Jan	• Self-Explored Resources • Common resources for all elements:	Jigsaw Strategy Part 1: The learners divide into 3 Master Groups corresponding to the 3 elements identified	Assign one element to each person in the home group according to their roll numbers.	Online Google Docs	02:00

Designing BL Sessions…

Out of Class

In-Class

Course Topic:

Size per batch:

Total Duration:

Learning Outcomes (LO):
• Learner will be able to…
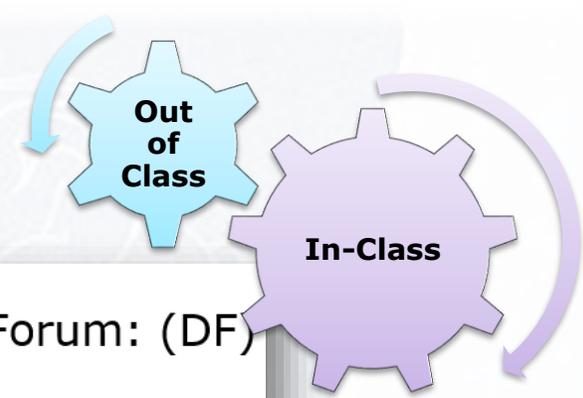
Designing BL Sessions…

Out of Class
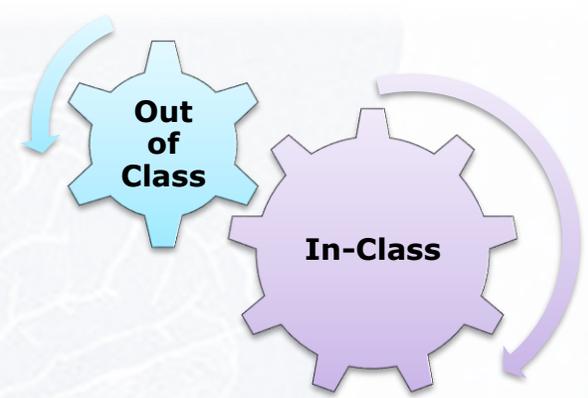
In-Class
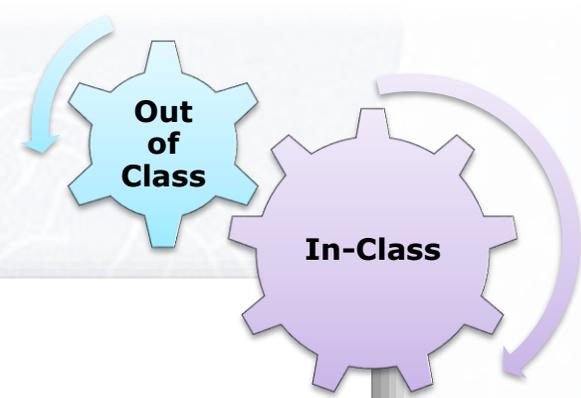
Course Structure

(Pl keep rows as per your need… not mandatory to have 3 Modules … may add or delete modules and sub-modules as per requirement)

		Modules and sub-topics	Hours	Weightage (%)
		Module 1:		
1	1.1			
2	1.2			
3	1.3			
		Module 2 :		
4	2.1			
5	2.2			
		Module 3 :		

Designing BL Sessions...

Out of Class

In-Class

* Copyrighted with permission (CP),   * Instructor Made: (IM)   * Discussion Forum: (DF)

Sr. No. of Module	Number of related LO	Week/Dates	Out-of-class Mode		ICT Tool/ Platform/ LMS
			Resources (Digital/Non-digital) Books/ articles/ pdf/ URL/ OER*/ CP*/ IM*)	*Activity (Field work/ project/ collaboration on DF* etc./ Creative products, etc.)	
1.1					

Designing BL Sessions…

In-class Mode		Duration in Min.
Resources **(digital/non-digital resources to be provided in the class for group-work)**	***Activity (CLS group-work/ instructor-led methods such as lecturettes, demo/ Concept-mapping/ Quiz/ Games, etc.**	

Out of Class

In-Class

Designing BL Sessions…

Out of Class

In-Class

* Copyrighted with permission (CP),   * Instructor Made: (IM)   * Discussion Forum: (DF)

Sr. No. of Module	Number of related LO	Week/Dates	Out-of-class Mode		ICT Tool/ Platform/ LMS	In-class Mode		Duration in Min.
			Resources (Digital/Non-digital) Books/ articles/ pdf/ URL/ OER*/ CP*/ IM*)	*Activity (Field work/ project/ collaboration on DF* etc./ Creative products, etc.)		Resources (digital/non-digital resources to be provided in the class for group-work)	*Activity (CLS group-work/ instructor-led methods such as lecturettes, demo/ Concept-mapping/ Quiz/ Games, etc.	
1.1								
1.2								

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Queries ???

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