

## **THREE DAYS PROFESSIONAL DEVELOPMENT PROGRAM FRAMEWORK FOR TEACHERS**

### **Smart Classroom & Future Classroom**

#### **Objectives of the program:**

- Transforming Teaching and Learning Ecosystem in the schools
- Supporting teachers for integrating technology (K-Yan & Chromebooks) into classrooms
- To work with teachers to build resources to impact student learning outcomes
- To enable teachers to execute digital pedagogy tactics

<b>Day 1 (5Hr)</b>			
<b>Sr. No</b>	<b>Session</b>	<b>Particulars</b>	<b>Duration (mins)</b>
1.1	Registration	Participants to fill up the attendance sheet	10
1.2	Introduction & Setting the Ground Role	Introduction of teachers & Setting the ground rules for the training	20
1.3	Challenges in Education	Discussion on challenges faced by teachers with respect to students, teachers and infrastructure in schools	15
1.4	Need for Change	Discussion on how technology can help bring about the change & Introduction to Educational Technology	20
1.5	K-yan Based Smart Classroom	Introduction to K-Yan, its USP & Features, setting up K-Yan, starting up K-Yan, shutting down K-Yan & Projector Control	40
1.6	ICT enabled pedagogy with K-yan Interactivity	Demo K-Yan Interactivity, Calibration, Various board options, Introduction to tools, Saving options	40
1.7	Exploring Multimedia Content	Navigating and exploring multimedia content with integration into teaching and learning environment	40
1.8	Hands on Session	Teacher Practice & lesson preparation session; Teachers are divided into 8-10 groups of about 7/8 each. They will be grouped by subject. They should prepare a lesson using K-Yan, interactivity and content which they will subsequently present. Facilitators will guide the groups by giving useful inputs group wise.	60
1.9	Hands on Session & Presentations	Teacher group work & lesson presentations	40
1.10	Feedback	Teachers write down what they learnt and if there are any doubts regarding skills learnt	15
<b>Total</b>			<b>300</b>

<b>Day 2 (5Hr)</b>			
<b>Sr. No</b>	<b>Session</b>	<b>Particulars</b>	<b>Duration (mins)</b>
2.1	Recap of day 1	Recap of day 1	10
2.2	Digital Leaders & Accessing technology foe Classroom	Discussion on "Google Classroom" - using technology and apps to make teaching - learning effective	20
2.3	Moving to Cloud	Moving, creating, managing and sharing resources on cloud	30
		To understand about Cloud Drive and learn to use cloud storage, to understand the importance of Cloud Drive and how to manage files and folders	
		Activity- Building e-portfolios, creating and storing resources in drive and sharing it with other teachers	20
2.4	Moving towards paperless	Developing Integrated lesson plans, Worksheets, assignments, question papers, support material etc.	30

	classroom	Understanding Doc-To create Docs, insert images in docs, share the doc and work collaboratively on the doc	
		Activity- Building collaborative lesson plan/question paper/worksheets	20
2.5	Making Impactful resources with online collaboration	Creating & Curating resources for teaching and learning	60
		Slides-Creating presentations in Slides, making subject slides, inserting videos into slides, understand how to share the presentation made in Slides and how to work on it collaboratively	
2.6	Create Powerful Spreadsheets with online collaboration	Spreadsheets-Use collaborative Sheets to organize data for and about your class, create and enter data into a Sheet, share a Sheet, Analyse Sheet data by creating a chart	30
		Practice time - Using Sheets: Creating a database	
2.7	Assess and Evaluate Learning Using Educational Technology	To use a variety of tools for formative and summative assessment	60
		Introduction to Assessment Forms: Create a class assessment, survey & quiz, sending it to students or parents, analyzing the real time responses (summary, spreadsheet)	
		Practice time - Activity a) Create your own Quiz / assessment in pairs (Subject - wise 10 questions) b) Each pair to ask the remaining pairs to complete the quiz collaboratively c) The results to be shared with the whole group	
2.8	Feedback	Teachers to write down what they learnt and if there are any doubts regarding skills learnt	20
<b>Total</b>			<b>300</b>

Day 3 (5Hr)			
Sr. No	Session	Particulars	Duration (mins)
3.1	Recap	Recap of Day 2	30
3.2	Using New Media for an Inclusive Classroom	Understanding Classroom app., Appreciate the utility of classroom application in teaching learning process, learn to create class, add students, create / share assignments	40
		Practice time - Creating Classrooms, adding students, creating assignments, etc.	40
3.3	Creating the Curating videos for classroom	Introduction to YouTube	30
		Hands on session: Creating Playlist and sharing	30
3.4	Flipped Classroom	To understand what flipping the classroom means for teaching and learning	30
		To select and curate resources for the Flipped Classrooms	30
3.5	Introducing Teacher Communities	Introduction to teacher communities, Certification paths and online Resources	20
3.6	Assessment	Post training assessment using digital form	20
3.7	Closure and Feedback	Summing up and taking training feedback	30
<b>Total</b>			<b>300</b>