

GCERT : ICT INITIATIVES



**GUJARAT COUNCIL OF EDUCATIONAL RESEARCH & TRAINING
GANDHINAGAR**

FOUR PILLARS

GCERT

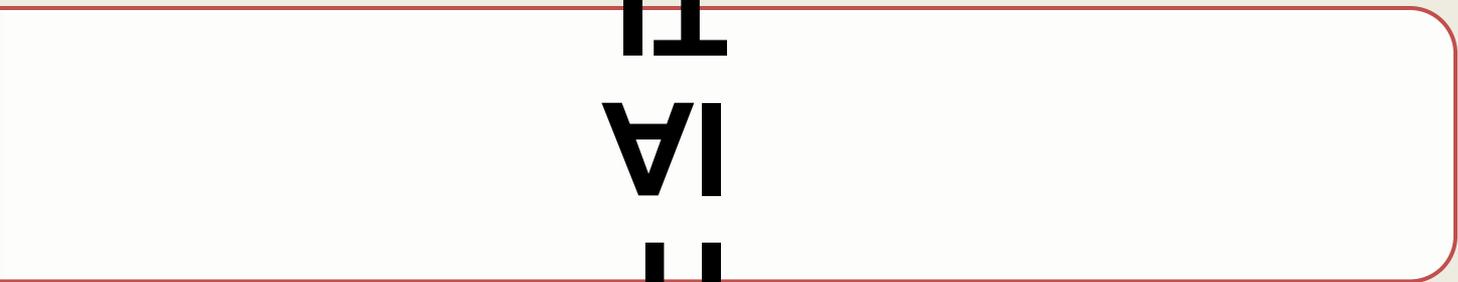
Education

Research

Training

Extension

EVALUATING INITIATION



Distance Education Programme



Distance Education Programme

GCERT started DEP in 2009-10

Subject	<ul style="list-style-type: none">• Mathematics, Science and English
Target	<ul style="list-style-type: none">• Government Primary and Upper Primary Schools
Main Benefit	<ul style="list-style-type: none">• Students got access to learning through new technology• Access to State Level Subject Experts.
By Product	<ul style="list-style-type: none">• Children from EBB get exposure to various learning places



Distance Education Programme

Use SATCOM technology in Primary Education to provide quality education



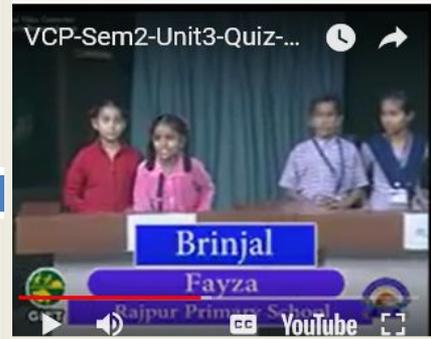
Increase student competency and improve results across the state

Provide benefit of free tuition to Students and education to deprived through Open School



Provide opportunities of academic tours to EBB group students

OBJECTIVES



Distance Education Programme

- ❑ Training through Teleconference
- ❑ Support to Schools through on-air Training
- ❑ Program for Teacher trainees
- ❑ DEP started for all government school, Now, it is benefitted for all type of primary schools through **VANDE Gujarat channel.**



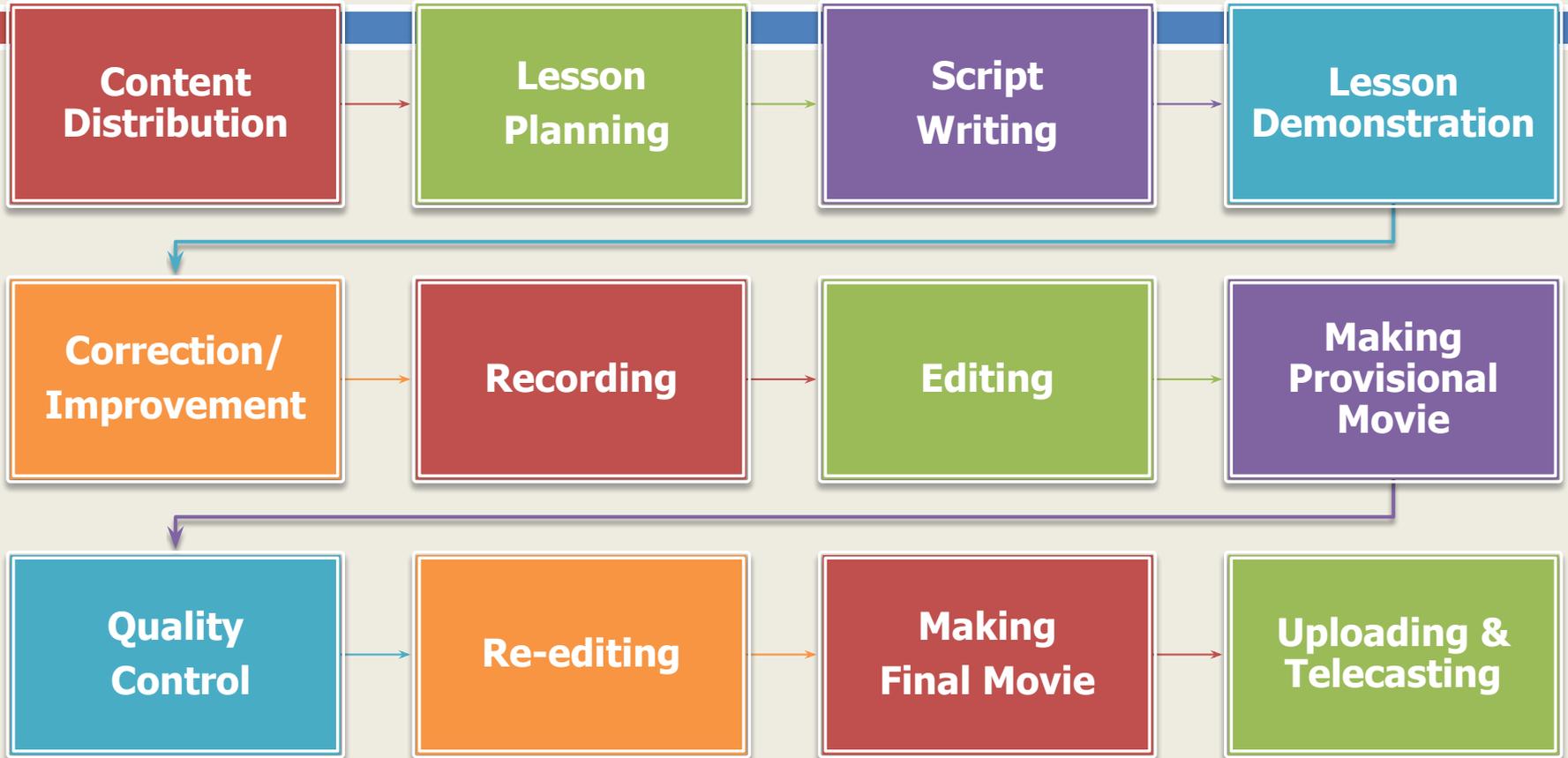
Distance Education Programme

Channel #	Standard	Activity
5	3, 4 & 5	• ONE CLASS, ONE CHANNEL initiated
6	6	• Model Lesson Demo., Expert Talk
7	7	• Content Delivery through GCERT, GIET, DIET, SEB,
8	8	SSA

- **Recorded lessons** of all subjects for standard 5 to 8
- Telecasting **24 x 7** days through DTH System
- **Yearly 17,520 episodes** telecasted
- 6 hr x 4 Slots = 24 hr. telecasting
- Displayed **on CM Dashboard**



E-Content Development Process



Distance Education Programme

Programme Scale Up on

Website / Platform / Social Media

TV / DTH Channel



Mobile



Our Journey...

Distance Education
Program

VANDE Gujarat
16 Channels

PMeVIDYA
(out of 34)
12 Channel

2009

2015

2020

2014

2016

2022

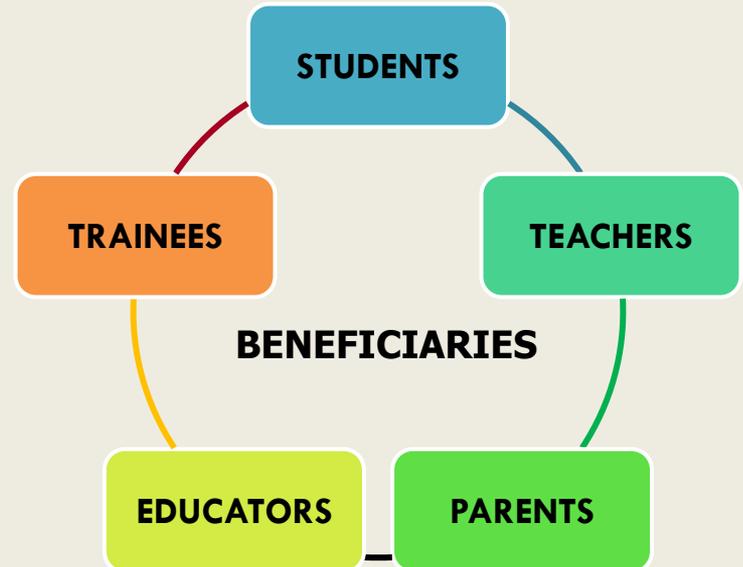
**Vision by
the Hon'ble PM &
Approval for experimental
telecast by the PMO**

Swayam Prabha
32 Channels
(Now 34)

200+ DTH TV
Channels

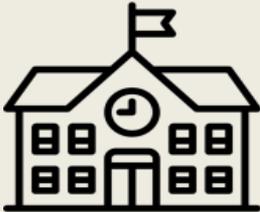
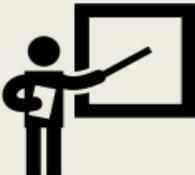
GROWER - a State Resource Bank

- The **Gujarat Repository of Open & Wider Educational Resources** (**GROWER**) is an initiative of GCERT to bring together all the digital resources – across all stages of **school education** and **teacher education**
- **Visitors till now : ≈ 6.8 M**



DIKSHA - Energised Textbook (ETB)



				
95	2095	ALL	ALL	ALL
Textbooks	QR Codes	Govt. Schools	Govt. Teachers	Students
Covering all Subjects from Class 1 to 12 (all Stream)	At various levels - Chapter level & Topic level	All Elementary & Secondary Schools (1- 12)	All have access to curated content	E-content impacted through textbooks

Standards and Subjects Covered Under ETB

Standard	Gujarati Medium						
Class 1	Gujarati (FL)	Maths					
Class 2	Gujarati (FL)	Maths					
Class 3	Gujarati (FL)	Maths	EVS				
Class 4	Gujarati (FL)	Maths	EVS	English	Hindi		
Class 5	Gujarati (FL)	Maths	EVS	English	Hindi		
Class 6	Gujarati (FL)	Maths	Science	Social Science	English	Hindi	Sanskrit
Class 7	Gujarati (FL)	Maths	Science	Social Science	English	Hindi	Sanskrit
Class 8	Gujarati (FL)	Maths	Science	Social Science	English	Hindi	Sanskrit
Class 9	Gujarati (FL)	Maths	Science	Social Science	English		
Class 10	Gujarati (FL)	Maths	Science	Social Science	English		
Class 11 (Science)	Physics	Chemistry	Biology	Maths			
Class 11 (Commerce)	Accounts	Statistics	English				
Class 12 (Science)	Physics	Chemistry	Biology	Maths			
Class 12 (Commerce)	Accounts	Statistics	English				

Standard	English Medium	
Class 1	Gujarati (SL)	
Class 2	Gujarati (SL)	
Class 3	Gujarati (SL)	
Class 4	Gujarati (SL)	
Class 5	Gujarati (SL)	
Class 6	Gujarati (SL)	Social Science
Class 7	Social Science	
Class 8	Social Science	English (FL)

	2019-20: 6 TBs energised
	2020-21: 42 TBs energised
	2021-22: 40 TBs energised
	2022-23: 7 TBs energised
Total 95 TBs energised	

Textbooks Adopted on DIKSHA

Gujarat has **adopted 98 NCERT textbooks on DIKSHA** as they are being used as it is or with little modifications by the Gujarat state board.

English Medium	
Subject	Classes
English (FL)	1 to 3 9 to 12
Maths	1 to 12
Science	6 to 10
Physics, Chemistry, Biology	11 and 12

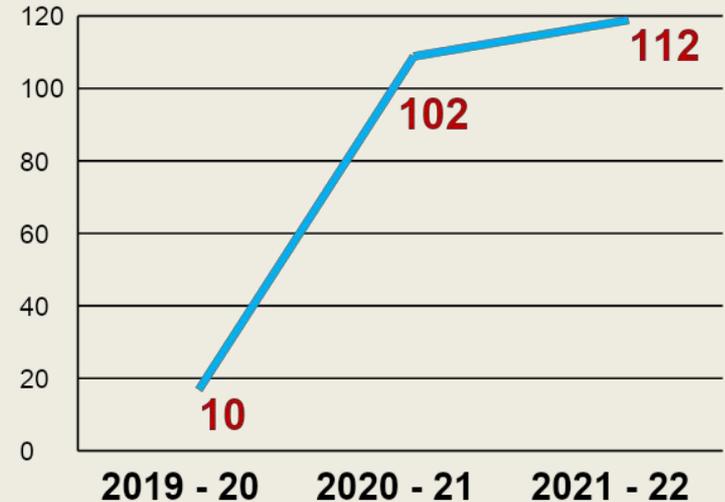
Hindi Medium	
Subject	Classes
Hindi (FL)	1 to 3 9 to 12
Maths	1 to 12
Science	6 to 10
Physics, Chemistry, Biology	11 and 12

Urdu Medium	
Subject	Classes
Urdu (FL)	1 to 3 9 and 10
Maths	1 to 10
Science	6 to 10

Online Courses on DIKSHA

Gujarat has launched online courses to build the capacity of...

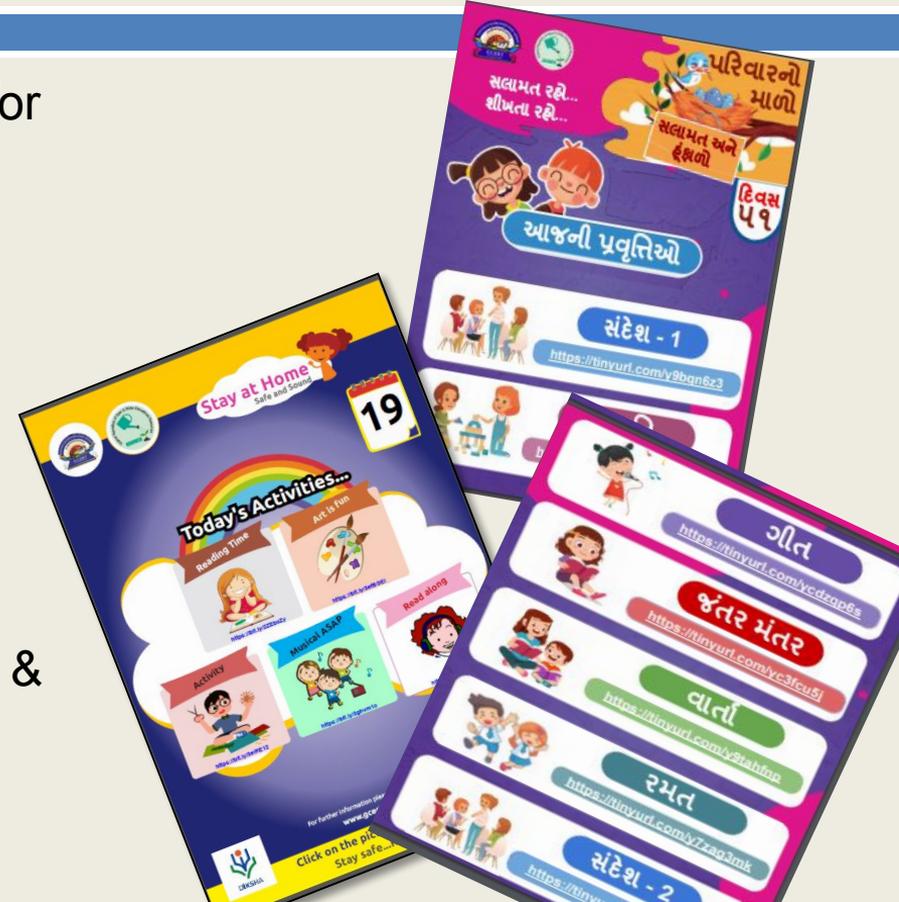
- Teachers
- Head Teachers
- CRCs & BRCs
- DIET faculties
- Other officials
- **More than 200+ Courses**



Stay at Home : Safe & Sound

પરિવારનો માળો – સલામત અને હંફાળો

- Psycho Socio Treatment Programme for Children during COVID -19 Pandemic
- Period : 51 days
- Episode Circulated –
 - In Gujarati Language = 51
 - In English Language = 20
- Appreciated by Ministry of Education & PMO





TRAINING



Teacher Training Programmes

Programme Glimpses



NISHTHA 1.0 – Primary School Teachers (**19,70,080**)



NISHTHA 2.0 – Secondary & Higher Secondary School Teachers (**6,63,834**)



NISHTHA 3.0 – Pre-Primary & Primary School Teachers (FLN) (**3,07,169**)



Educational Innovation Exhibitions – Districts to State



Educational Toy Fair – Districts to State

Teacher Training Programmes

Programme based on NEP 2020



Shikshak Parv 2019



Shikshak Parv 2020



FLN- Courses & FLN YouTube Channel



Inclusive Education (Sensitization Programmes)



Mass Training for Teachers – Pragna, FLN, Gunotsav, etc

THANK YOU

