

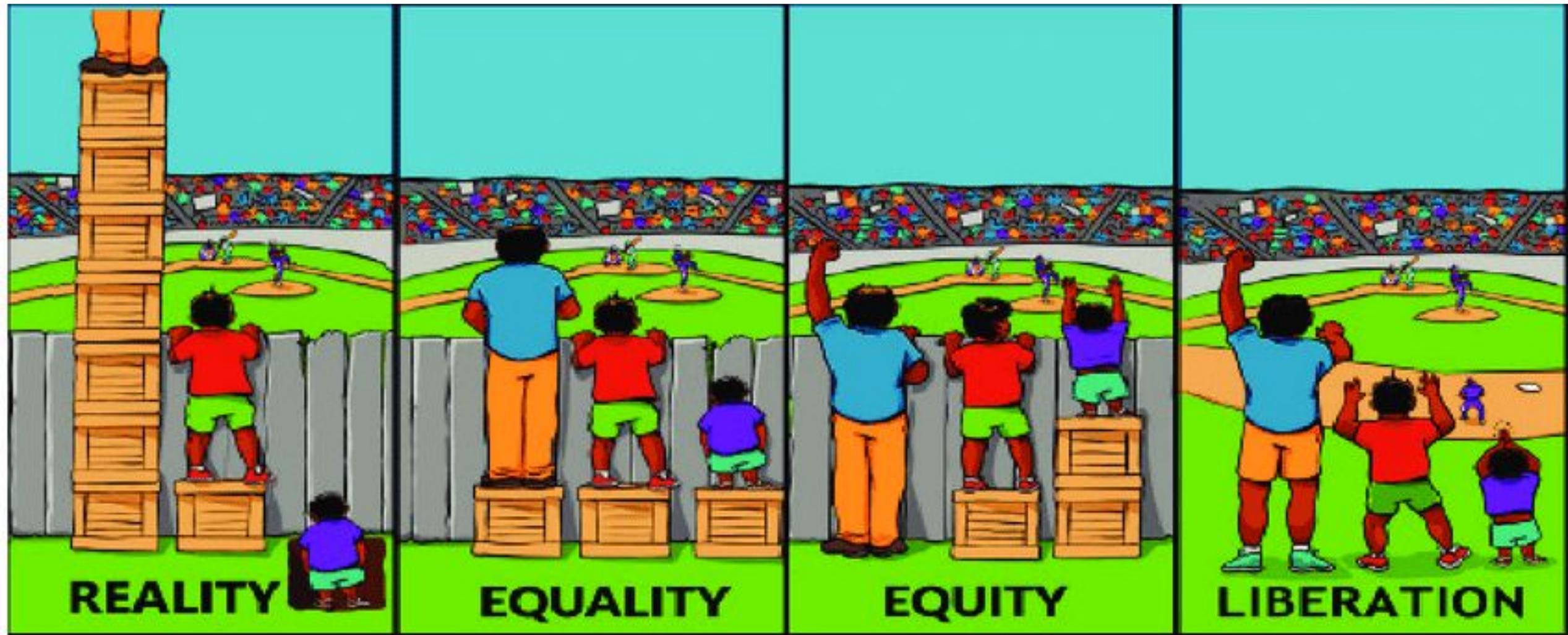
शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

75
आजादी का

G20
भारत 2023 INDIA

Digital India
Power To Empower

Vidya Samiksha Kendra (N-VSK)



Standardizing & Unifying data to create actionable insights

Systems of record

DIKSHA

Teacher
Attendance

Teacher & Admin
Training

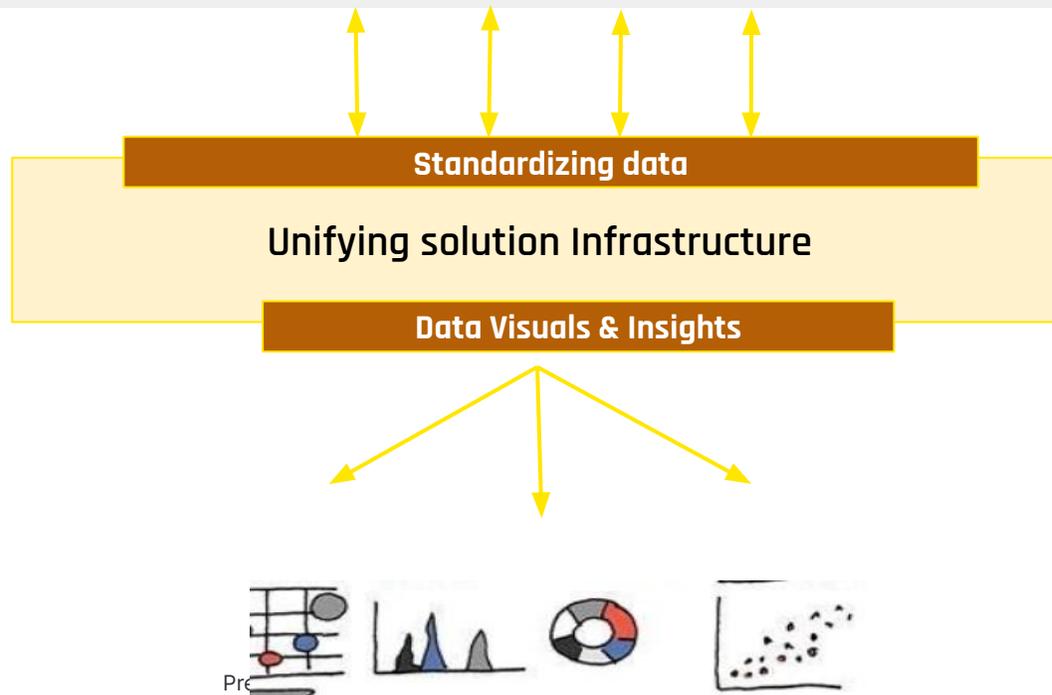
School Master

Semester
Data

School
Assessment

PAT/SAT Data
CRC App Data

UDISE +
Infra data



On TV, Laptops, mobiles
Power users and normal users
State, district, cluster, school levels



Role of VSK in improving Education Delivery Services

Monitoring performance



01

Identifying Best practices



02

Providing Training & Support



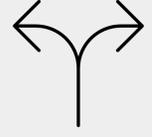
03

Personalised Learning



04

Improved Decision Making



05

Enhanced Student Outcomes



06

Better Resource Allocation



07

Increased Efficiency



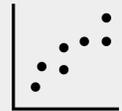
08

Early Intervention



09

Predictive Analytics



10

Continuous Improvement



11

Better Collaboration



12

Real-time monitoring



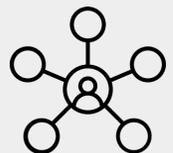
13

Decision Support System



14

IEC



15

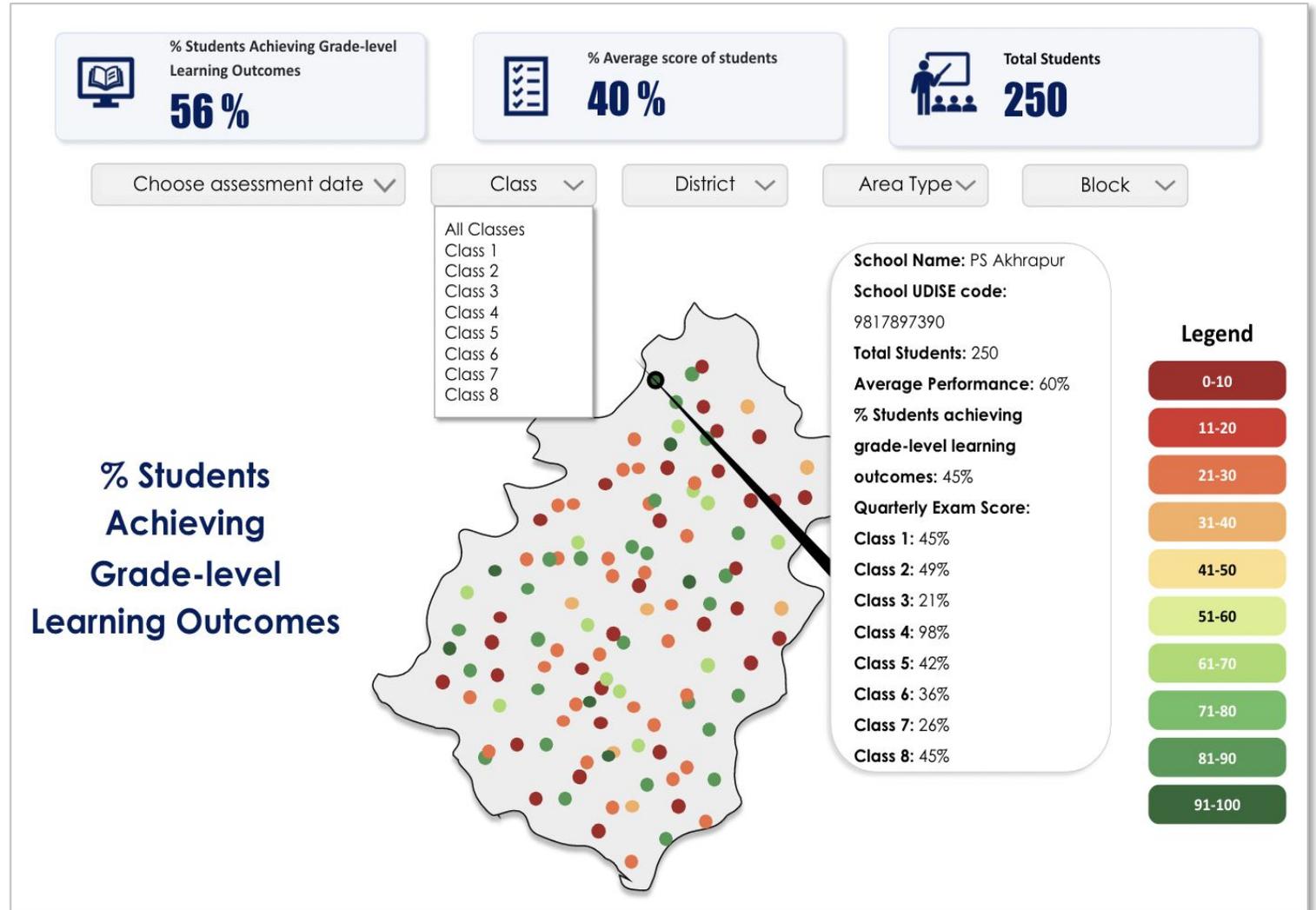
State view of VSK for creating appropriate data backed decisions

Usage Metrics

90 Lakh
Students assessed

30+
Districts in which assessments conducted

2.5 Lakh
Teachers used Saral to submit records



LO level insights possible for District/ Block/ Cluster/

Periodic Assessment Test LO Report for: Assam

Download Report 

2021-22 | April | Grade 3 | Mathematics | 08-04-2022 | Indicator | Choose a District

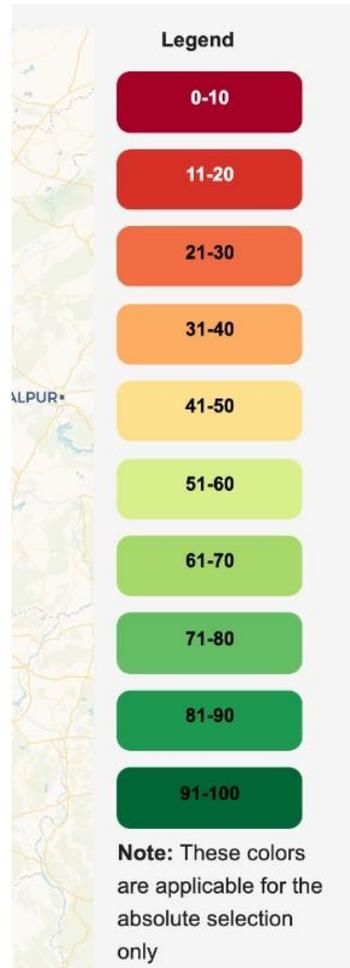
Indicator | Baksa | Barpeta | Biswanath | Bongaigaon | Charaideo | Chirang | Darrang | Dhemaji | Dhubri | Dibrugarh | Dima Hasao | Goalpara

Solves simple daily life probl	54.9	64.1	39.1	54.7	68.1	70.9	38.4	50	84.9	66.2	52.8	65.3
Analyses and applies an approp	82	85.4	66.1	84.7	86.2	80.2	81.4	75.2	76.7	90.5	77.8	75.4
Works with three digit numbers	83.6	87.4	77.8	85.8	89.7	87.9	83.7	84.4	94.2	95.6	94.4	81.4
Acquires understanding about 2	87.7	80.1	74.8	79.6	88.8	85.7	70.9	77.5	87.2	96.3	83.3	73.7
Compares numbers upto 999 for	65.6	73.8	68.7	75.2	69	71.4	72.1	71.6	53.5	89.9	72.2	59.3
Estimates and measures length	80.3	82.5	56.5	78.8	87.9	84.6	64	71.6	72.1	95.9	72.2	70.3

Legend: 0-10 | 11-20 | 21-30 | 31-40 | 41-50 | 51-60 | 61-70 | 71-80 | 81-90 | 91-100

« 1 »

This data is being used to drive diverse improvements



Capability Building of teachers; officials on critical LOs through Micro Courses

Enrich content mapped to chapters & low performing LOs
More Explanation + Practice

Orientation of parents via micro courses

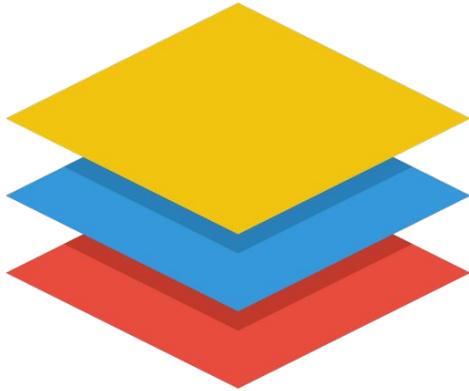
NDEAR - Vidya Samiksha

Kendra
Minding education policy decisions and seamless last mile delivery by leveraging the power of 'Data'

How will Vidya Samiksha Kendra help

states/UTs/ABs?

Vidya Samiksha Kendra is a "Force Multiplier" that aims at amplifying the existing capabilities of people or systems, enabling transformative impact towards outcomes.



Software: A Free open-source based analytical software package being provided by CIET-NCERT to all states/UTs/ABs

Support Team: States/UTs/ABs can set up a VSK task force consisting Data scientists, Administrators and Academicians

Hardware: A bare minimum specs has been shared with all states/UTs and Autonomous Bodies



Objectives of N-VSK:

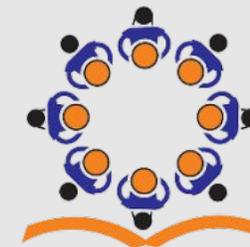
Real-time monitoring

Correlation of datapoints

Actionability

11. NDEAR Open Data & Analytics
building block

N-VSK has been built based on NDEAR
Architecture: Category #11



UDISE+



Use Case 1: CIET-NCERT, New Delhi

Programs enabled on N-VSK



NCERT has shared video wall and other hardware specifications used in the VSK at CIET, for states/UTs' reference.

LED Video wall & supporting hardware + software infrastructure

Existing Room used in CIET for VSK

Desktop computers and audio systems

Physical fit-outs & other necessary equipments

DIKSHA- ETB

NISHTHA

Micro-Improvements

PM-Poshan

National Achievement Survey

UDISE+

PGI

NIPUN Bharat

NCERT Quiz

National Curriculum Framework

Use Case 2: Vidya Samiksha Kendra, Gujarat



Praveshotsav 2.0

Online Attendance of Students and Teachers

Foundational Literacy & Numeracy Skills

Centralised Summative and Formative Examinations for Grades 3 to 12

Gunotsav 2.0 - School Accreditation

School Admin Software

Dashboards

Technology Enabled Learning Initiatives

Missions Schools of Excellence

- 500 crore data sets through Daily online attendance of students and teachers.
- Expected to benefit about 54,000 schools in the State, 4.5 lakh teachers, 1.15 crore students and in later stages the entire state
- An increase of 26% was observed in attendance within one year of its implementation

Current Status

- MoE through CIET-NCERT has been supporting interested states/UTs/ABs in setting up starter pack for VSK.
- Series of virtual and in-person orientation organized by CIET-NCERT for all states, UTs and ABs.
- The states/UTs have also committed to help build the NDEAR ecosystem for wider adoption.

States/UTs & Autonomous Bodies



3

Completed
(2 States & NCERT)

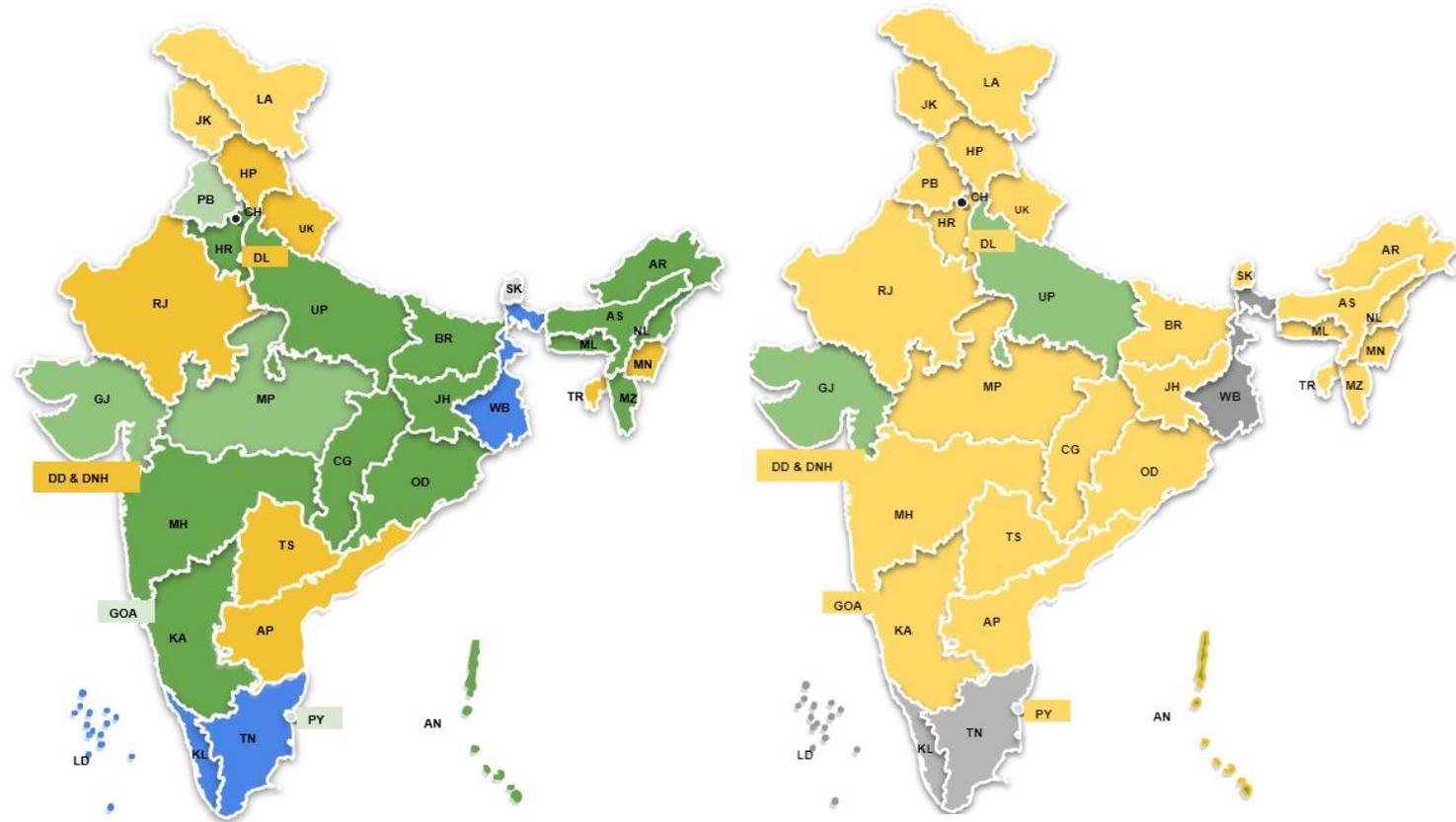
35

Work in progress
(incl. 30 States/ UTs and 5 ABs)

4

Yet to Start
(incl. 4 States/ UTs)

PM SHRI	Manodarpan	Bhasha Sangam	PRABANDH
Aspirational Districts	Foundational Learning Survey	PM eVidya	NEP Initiatives
NAT Award	Low performing Districts	NTSE	SCERT & DIET Ranking
Samagra Shiksha	PRASHAST	NMMS	Cyber security & safety program
DHRUV	DiSaNC	NCERT publications	Vocational Education



Starter Pack software enabled

VSK launched

Way forward status of Program Integration on NVSK



Completed

1. NISHTHA,
2. DIKSHA
3. Micro Improvement
4. PM Poshan,
5. NCERT Quiz
6. NAS,
7. UDISE+
8. PGI,
9. NIPUN Bharat,
10. NCF



Ongoing

1. PRASHAST,
2. DiSaNC
3. Bhasha Sangam
4. PM eVidya,
5. NTSE
6. NMMS,
7. NCERT Publication,
8. PRABANDH
9. NEP initiatives



To be started

1. PM SHRI
2. Aspirational District
3. NAT Award,
4. Samagra Shiksha,
5. Vocational Education,
6. DHRUV
7. Manodarpan,
8. Foundational Learning Survey,
9. Low Performing Districts (NAS)
10. Post NAS Intervention
11. SCERT & DIET Ranking
12. Cyber security & Safety Program
13. National Mentoring Mission
14. NPST
15. NILP
16. DEEP
17. TEI

Vidya Samiksha Kendra was introduced to help education departments initiate multiple interventions by utilizing the data

