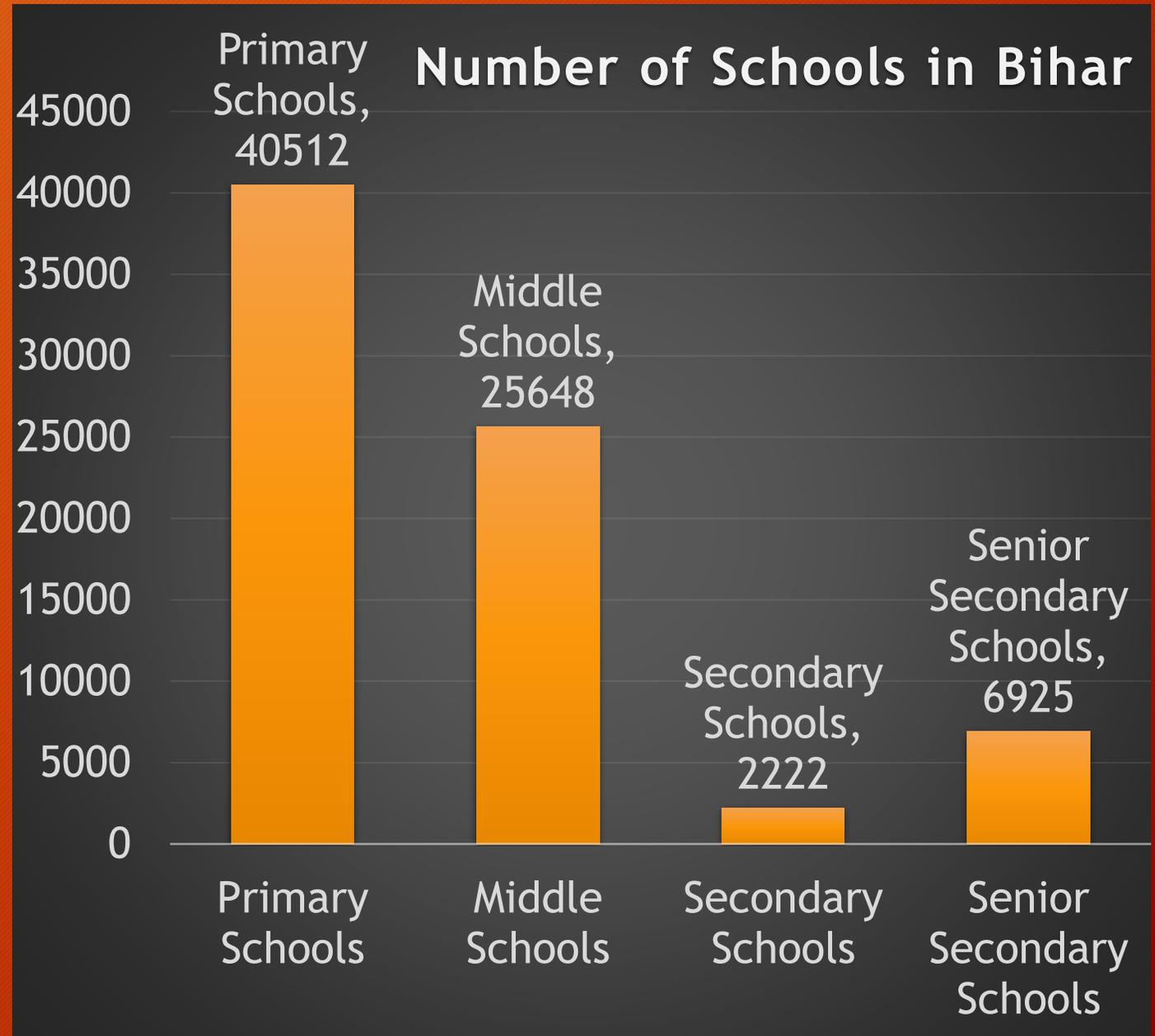
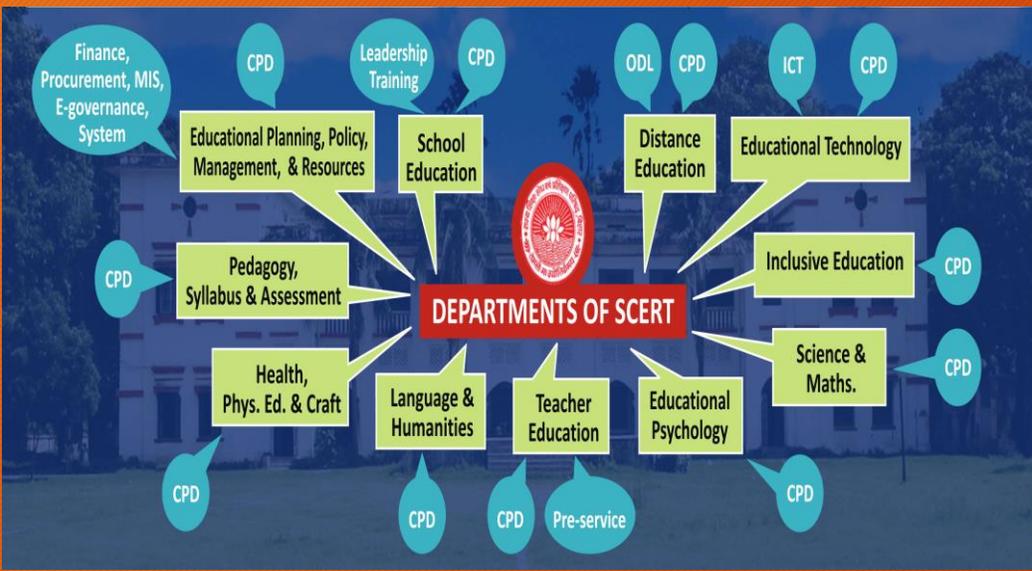


# Bihar Government Education Sector- School Education

- Number of Districts- 38
- Number of Teachers working in Government Schools- 4.40 Lakhs



# ICT 4 Education : Working model



# Implementation

- E-Shikshan Portal
- DIKSHA Bihar Portal
- UNNAYAN Bihar
- E-lots
- TV-channels
- Social media based learning
- Web based learning

# e-शिक्षण SCERT, Bihar Portal

- Convergence of **DIKSHA Bihar**, **Vidyadaan 2.0** movement or ready to cater other Bihar state specific ICT based initiatives at one online platform.

The image shows the SCERT, Bihar e-education portal. The header contains the SCERT, Bihar logo, the 'e-शिक्षण' logo, and the DIKSHA logo. Below the header, there are navigation links in Hindi: 'परिचय', 'दृष्टि एवं लक्ष्य', and 'उद्देश्य'. There are also buttons for 'Login', 'Explore Bihar Diksha', and 'Enter Dial Code'. The main content area features a colorful illustration of a boy and a girl sitting on a bench, with a cartoon pencil character holding a QR code. Text on the illustration promotes 'ANYTIME ANYWHERE LEARNING' and provides instructions to 'Install the Diksha app', 'Scan QR codes in your textbook', and 'Access digital content linked to the curriculum'. The background of the main content area shows a large, ancient stone structure, possibly a temple or fort.

# DIKSHA Bihar Portal

Bihar state specific Text Books from Class 1 to 8 get energized with their QR Coding.

e-contents related to each QR-Code uploaded on DIKSHA Bihar platform.

For Pre-Primary classes Read along text-book is another innovative idea adopted by SCERT, Bihar

The image shows a screenshot of the DIKSHA Bihar Portal website. The header features the logos of the State Council of Educational Research & Training (SCERT), Bihar, and the DIKSHA logo. Below the header, there are navigation links: परिचय (About), दृष्टि एवं लक्ष्य (Vision & Objectives), उद्देश्य (Objectives), Login, Explore Bihar Diksha, and Enter Dial Code. The main content area displays a QR-coded page from a textbook. The page is titled 'विज्ञान' (Science) and is for 'भाग - 1' (Part - 1) and 'कक्षा - 6' (Class - 6). The page includes instructions on how to use the QR code to access digital content. The background of the website shows a large, ancient stone structure, likely a historical monument in Bihar.

# Unnayan Bihar

- **Unnayan Bihar** is a holistic program started across the state in **5646** secondary/higher secondary schools during **2019-20**. The program was launched on **5<sup>th</sup> September 2019** by the Hon'ble chief minister Mr. Nitish Kumar.
- Unnayan Bihar is a **multi-platform model** which runs online as well as offline.

# UNNAYAN Bihar: Offline mode

Concept Video

Daily Test

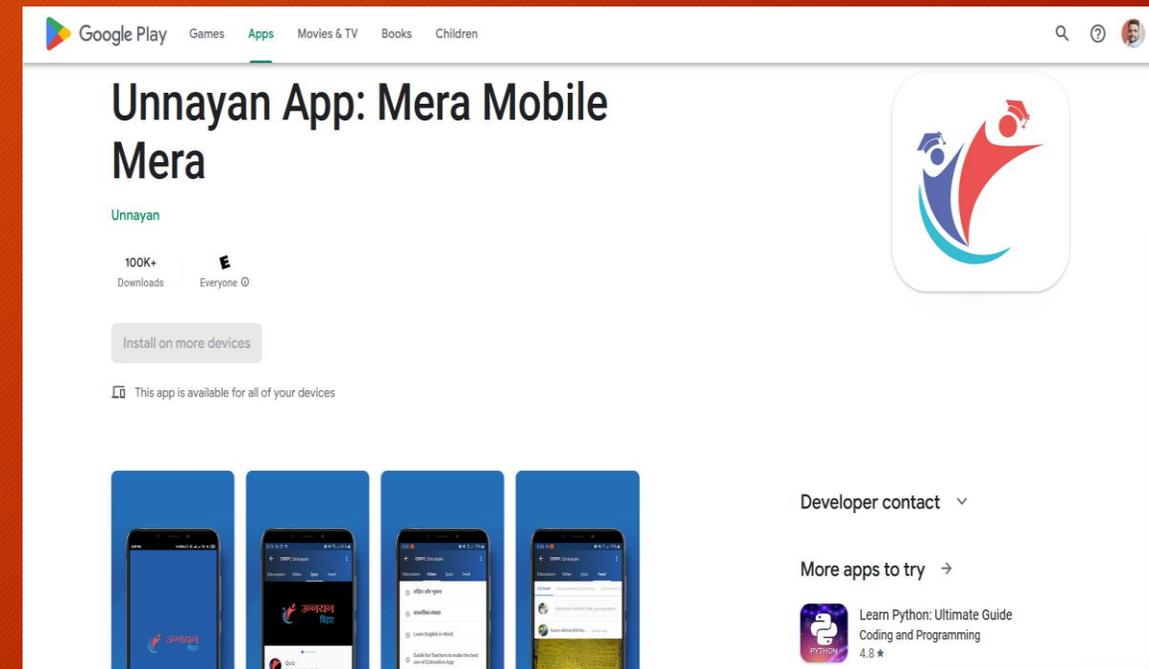
Peer Assessment

Answer Discussion

Weekly Test

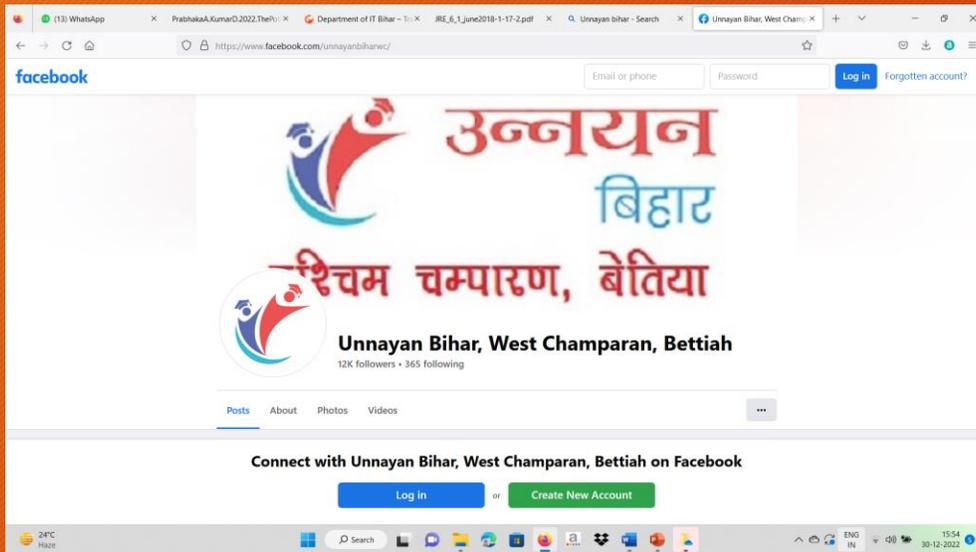
# Unnayan Bihar: Online model-Mera Mobile Mera Vidyalaya

- Students get accessed to **recorded animated video lecture** of the lesson with e- content materials for the class VI to XII on the App.
- Students can access it from anywhere and able to ask their doubts on mobile platform and get the answers from various **Global Experts.**
- Discussion, Video, Quiz and feed are important features of Unnayan app.
- Students can prepare themselves for **competitive examinations** like IIT-JEE/NEET etc. with help of this app.

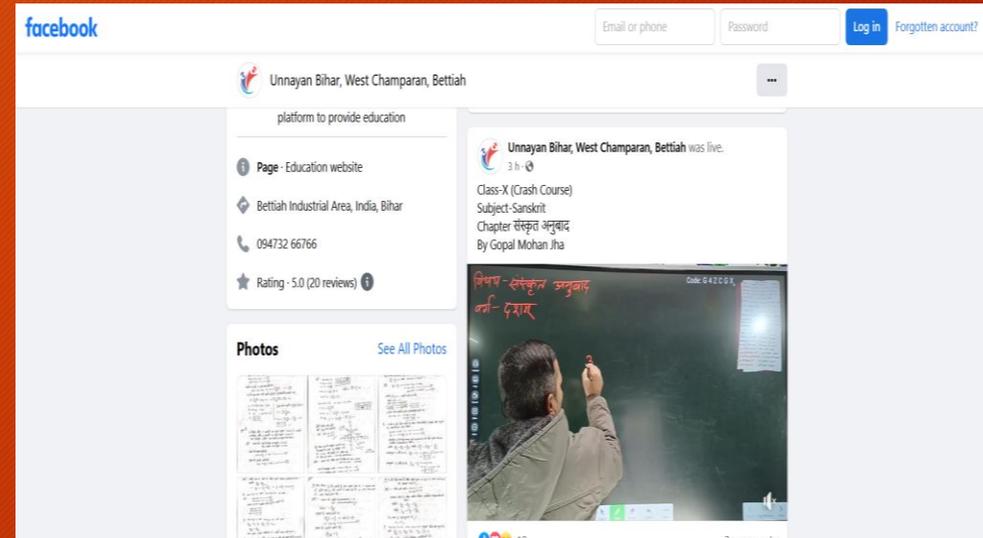


# UNNAYAN Bihar smart class

## UNNAYAN Bihar on social media



## UNNAYAN Bihar Smart Class



# E-LOTS

- As a joint collaboration between Bihar Education Project Council (BEPC) and UNICEF e-library is being developed in order to make the content available for the students of Bihar. The aim of this project is to provide the centralized digital content to students, teachers and educators.



# E-LOTS.....

- With the help of e-Library, a user can learn by utilizing audio, video or digital books. Also enable them to get evaluated on the portal, by participating in the subject-wise quiz subject wise. It can be accessed through App or Portal: <http://bepclots.bihar.gov.in/>



# TV channel

- Doordarshan Bihar has allotted 5 hours time slot (one hour each for Class I-II, Class III to V, Class VI to VIII, Class IX and Class XI-XII) for digital learning.
- The Department of Education, Bihar has already started the telecast of e-content for class IX-X students from 20.04.2020, for class VI-VIII along with class XI-XII from 04.05.2020 and for class I-II along with class III-V from 01.06.2020 through DD Bihar.



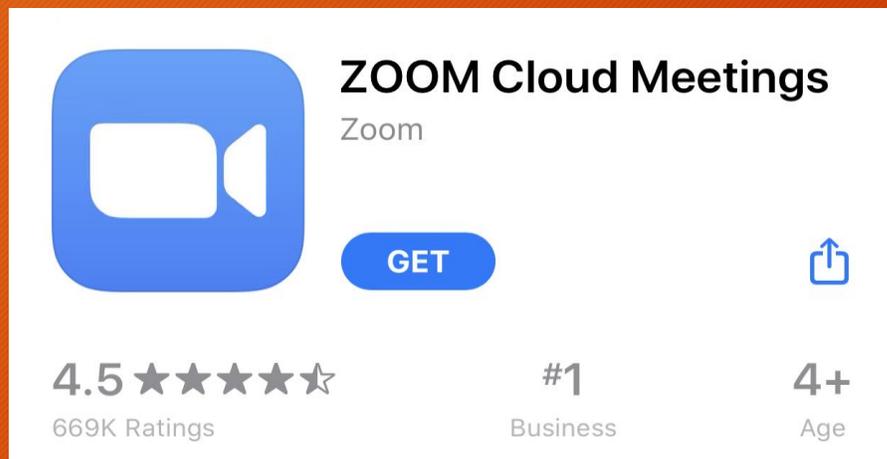
# TV-Channel Weekly routine

Weekly routine is as follows:

Time Slots	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9:02 am to 10 am	6th-8th	Subject wise e-content according to Monthly planner					Safe Saturday	Art Integrated Learning
10:05 am to 11am	11th-12th	Subject wise e-content according to Monthly planner					Lakshya (Starting from 6th June)	Aadha Full
10:05 am to 12 noon	9th-10th	Subject wise e-content according to Monthly planner Experiments based on the syllabus					School TV	Scrappy News/Motivational videos
3:05 am to 4 pm	1st-2nd	Subject wise e-content according to Monthly planner					Stories	Art Integrated Learning
4:05 pm to 5 pm	3rd-5th	Subject wise e-content according to Monthly planner					Safe Saturday	Art Integrated Learning

# Social Media Based Learning- Online Meeting mobile Applications

- Online meeting mobile applications have been used to collaborate for learning during lockdown and pandemic situation.



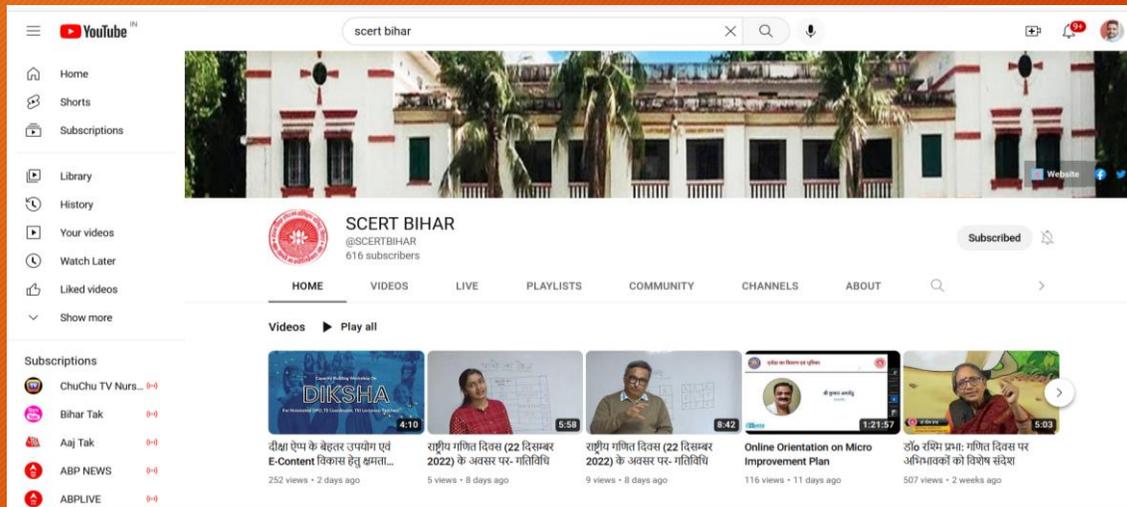
# Social Media Based Learning- Mobile Applications

Many Social media platforms like Whatsapp /facebook groups have been used to collaborate for learning during lockdown and pandemic situation.



# Web based learning

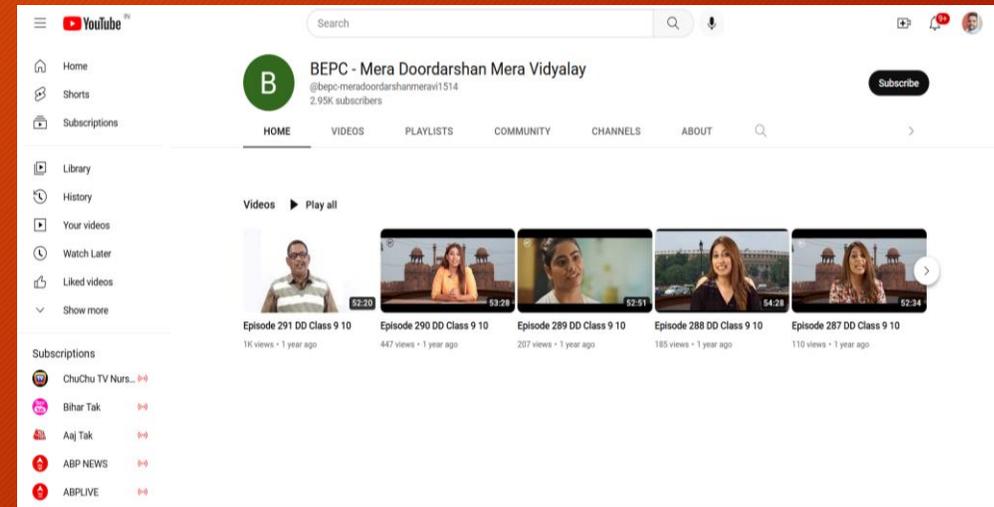
SCERT, Bihar-YouTube channel



The screenshot shows the YouTube channel page for SCERT BIHAR (@SCERTBIHAR). The channel has 616 subscribers. The main banner image shows a large, white, classical-style building with a central entrance and palm trees in front. Below the banner, the channel name and handle are displayed, along with a 'Subscribed' button. The 'Videos' section is active, showing a row of five video thumbnails. The first video is titled 'दीक्षा ऐप के बेहतर उपयोग एवं E-Content विकास हेतु क्षमता...' with 252 views from 2 days ago. The other videos are related to the National Education Policy 2020 orientation sessions.

<https://www.youtube.com/@SCERTBIHAR>

BEPC, Bihar You tube Channel



The screenshot shows the YouTube channel page for BEPC - Mera Doordarshan Mera Vidyalay (@bepc-meradoordarshanmeravi1514). The channel has 2.95K subscribers. The main banner image shows a woman speaking. Below the banner, the channel name and handle are displayed, along with a 'Subscribe' button. The 'Videos' section is active, showing a row of five video thumbnails, all titled 'Episode DD Class 9 10'. The first video has 1K views from 1 year ago, and the others have between 110 and 447 views from 1 year ago.

[https://www.youtube.com/channel/U Ck-LGy9rQLi6t\\_A3UXw2GTQ](https://www.youtube.com/channel/U Ck-LGy9rQLi6t_A3UXw2GTQ)

# SCERT Bihar - Website

Sat 31 December, 2022 12:45 PM

State Council of Educational Research and Training, Bihar  
राज्य शिक्षा शोध एवं प्रशिक्षण परिषद्, बिहार

Home Organization ODL Capacity Building Program TEIs eResource News & Events Notifications Results Gallery RTI ISA Contact

### Recent Links

- e-LOTS
- Diksha Bihar
- NISHTHA
- OER of SCERT, Bihar for Students (Source NROER, Gov. of India)
- शैक्षिक धनि- हिन्दी ऑडियो पुस्तक
- TEIDI ENDLINE SURVEY FORMAT For BRC
- TEIDI ENDLINE SURVEY FORMAT

Sat 31 December, 2022 12:45 PM

State Council of Educational Research and Training, Bihar  
राज्य शिक्षा शोध एवं प्रशिक्षण परिषद्, बिहार

Home Organization ODL Capacity Building Program TEIs eResource News & Events Notifications Results Gallery RTI ISA Contact

## Recent Course

Integration of ICT in Teaching & Learning

Effective Learning Assessment & Evaluation

Educational Leadership for Teacher Educators: Using ICT in Continuous Professional Development of Teachers

Integration of ICT in Teaching & Learning

Effective Learning Assessment & Evaluation

## Our Forum

Education is the process of facilitating learning, or the acquisition of knowledge, skills, values, beliefs, and habits. Educational methods include storytelling, discussion, teaching, training, and directed research.

Natural science is a branch of science concerned with the description, prediction, and understanding of natural phenomena, based on empirical evidence from observation and experimentation.

Research is "creative and systematic work undertaken to increase the stock of knowledge, including knowledge of humans, culture and society, and the use of this stock of knowledge to devise new applications."

Mathematics (from Greek μάθημα *máthēma*, "knowledge, study, learning") includes the study of such topics as quantity, structure, space, and change. It has no generally accepted definition.

Language learning is broadly defined as developing the ability to communicate in the second / foreign language. It can be Language learning for specialists.

### Notifications/Announcements/Updates

Advertisement for Deputation in SCERT, Bih...  
Advertisement for Deputation in SCERT, Bih...  
बैंगलोर : हर शनिवार एक रोचक नवाचा

VIEW ALL

### Textbook

Class IX Class IX  
Class X Class X  
Class XI Class XI

VIEW ALL

### Examination & Result

Semester 3 Result 2016 (Regular)  
Semester 3 Result 2016 (Arrear)  
Semester 4 Result 2016  
Result Semester-1 Back  
Result Semester-1 2015

VIEW ALL

### Magazine/Newsletter

e-Samvaad Dec 2020  
143 633  
e-Samvaad November 2020  
13 326  
e-Samvaad October 2020  
11 474

VIEW ALL

### E-Resources

Bihar Curriculam Frame Work (BCF) 2008  
21631 3420  
कक्षा 6 से 8 तक बिहार की विद्यालयीय शिक्षा हेतु न...  
10806 2807  
कक्षा 1 से 5 तक बिहार की विद्यालयीय शिक्षा हेतु न...

VIEW ALL

### Important Links

Bihar Education Project Council  
Government Of Bihar  
National Council Of Education Research And...  
National Institute Of Open Schooling  
Indira Gandhi National Open University  
Kilkari Bihar Bal Bhavan

VIEW ALL

Sat 31 December, 2022 12:45 PM

State Council of Educational Research and Training, Bihar  
राज्य शिक्षा शोध एवं प्रशिक्षण परिषद्, बिहार

Home Organization ODL Capacity Building Program TEIs eResource News & Events Notifications Results Gallery RTI ISA Contact

Professional Development of Teachers

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Language learning is broadly defined as developing the ability to communicate in the second / foreign language. It can be Language learning for specialists.

# Interventions

- There is continuous interventions of educational technology based skills between SCERT, Bihar resource persons and teachers/ teacher educators working in their organizations under PPP mode.

# DIKSHA Bihar :Micro improvement programme

- Available on DIKSHA Portal-In projects section
- Many teacher training MIPs and teacher training courses included on DIKSHA Portal
- Capacity building programme have been arranged for academic as well as administrative stake holders who are working in ICT based education in state.

## Training to Academic Stake holders (Teachers, DIET faculties) associated with ICT4 Education

5 December 2022 to 16 December  
2022

### दीक्षा प्लेटफार्म पर राज्य स्तरीय एक-दिवसीय क्षमता संवर्धन कार्यक्रम की रिपोर्ट



05 दिसंबर 2022 से 16 दिसंबर 2022

स्थान : राज्य शिक्षा शोध एवं प्रशिक्षण परिषद्, पटना

## Training to Administrative Stake holders (DPOs, BEOs, RPs) associated with ICT4 Education

6 January 2023 to 18 January  
2023

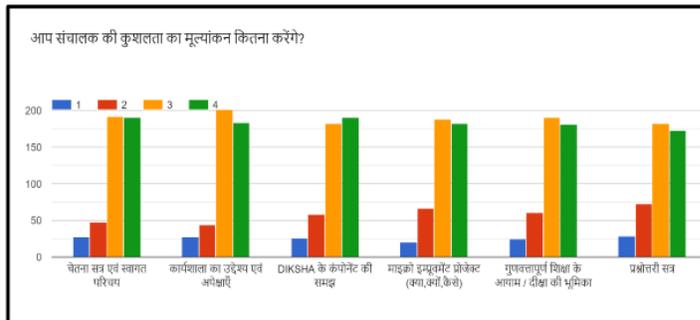
One Day Orientation Schedule of Department Officials (DEOs, DPOs, BEOs) and KRPs on NEP, DIKSHA and NISHTHA					
Training Venue : SCERT, Patna, Bihar					
SL	Org/Depart	No of Participant form District (DEO, DPO, KRP, BEO)	Name of Districts	Room No	Date of Training
1	DEO	38	All 38 Districts		6 January 2023
2	DPO (SSA)	38	All 38 Districts		
3	BEO	54	Araria (9), Arwal (5), Aurangabad (11), Banka (11) & Begusarai (18)		9 January 2023
4	BEO	59	Bhagalpur (16), Bhojpur (14), Buxar (11) & Darbhanga (18)		
5	BEO	55	Gaya (24), Gopalganj (14), Jamui (10) & Jehanabad (7)		10 January 2023
6	BEO	54	Kaimur (11), Kathar (16), Khagaria (7), Lakhisarai (7) & Madhepura (13)		
7	BEO	57	Madhubani (21), Muzaffarpur (16) & Nalanda (20)		11 January 2023
8	BEO	55	Nawada (14), West Champaran (18) & Patna (23)		
9	BEO	56	Munger (9), East Champaran (27), Sheikhpura (8) & Purnia (14)		12 January 2023
10	BEO	54	Rohtas (19), Saharsa (10), Samastipur (20) & Sheohar (5)		
11	BEO	56	Saran (20), Sitamarhi (17) & Siwan (19)		13 January 2023
12	BEO	34	Kishanganj (7), Supaul (11) & Vaishali (16)		
13	Key Resource Persons (KRP)	42	Araria, Arwal, Aurangabad, Banka, Begusarai, Bhagalpur & Bhojpur		16 January 2023
14	Key Resource Persons (KRP)	42	Buxar, Darbhanga, Gaya, Gopalganj, Jamui, Jehanabad & Kaimur		
15	Key Resource Persons (KRP)	36	Kathar, Khagaria, Kishanganj, Lakhisarai, Madhepura & Madhubani		17 January 2023
16	Key Resource Persons (KRP)	36	Munger, Muzaffarpur, Nalanda, Nawada, West Champaran & Patna		
17	Key Resource Persons (KRP)	36	East Champaran, Purnia, Rohtas, Saharsa, Samastipur & Saran		18 January 2023
18	Key Resource Persons (KRP)	36	Sheikhpura, Sheohar, Sitamarhi, Siwan, Supaul & Vaishali		

# Feedback about one day State level capacity building training programme related to DIKSHA-MIP

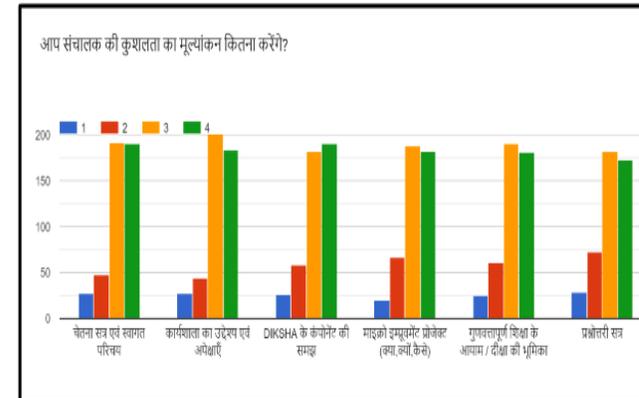
## प्रशिक्षण की प्रभाविता पर प्रशिक्षुओं की प्रतिक्रिया :

सत्र के अंत में गूगल फॉर्म के माध्यम से प्रतिभागियों की प्रतिक्रिया feedback ली गई। प्राप्त प्रतिक्रिया के मुख्य बिंदु निम्नवत हैं :

1. 84% प्रतिभागियों ने प्रशिक्षण को संतोषजनक एवं प्रहावी माना।
2. 81% प्रतिभागियों ने प्रशिक्षण में शामिल गतिविधियाँ और उदाहरणों को उपयोगी माना।
3. संचालकों की सत्र-वार कुशलता का मूल्यांकन :



## 4. सत्रों की उपयोगिता पर प्रतिक्रिया :



5. विषय पर साधनसेवियों की दक्षता को 87% प्रतिभागियों ने संतोषजनक बताया।

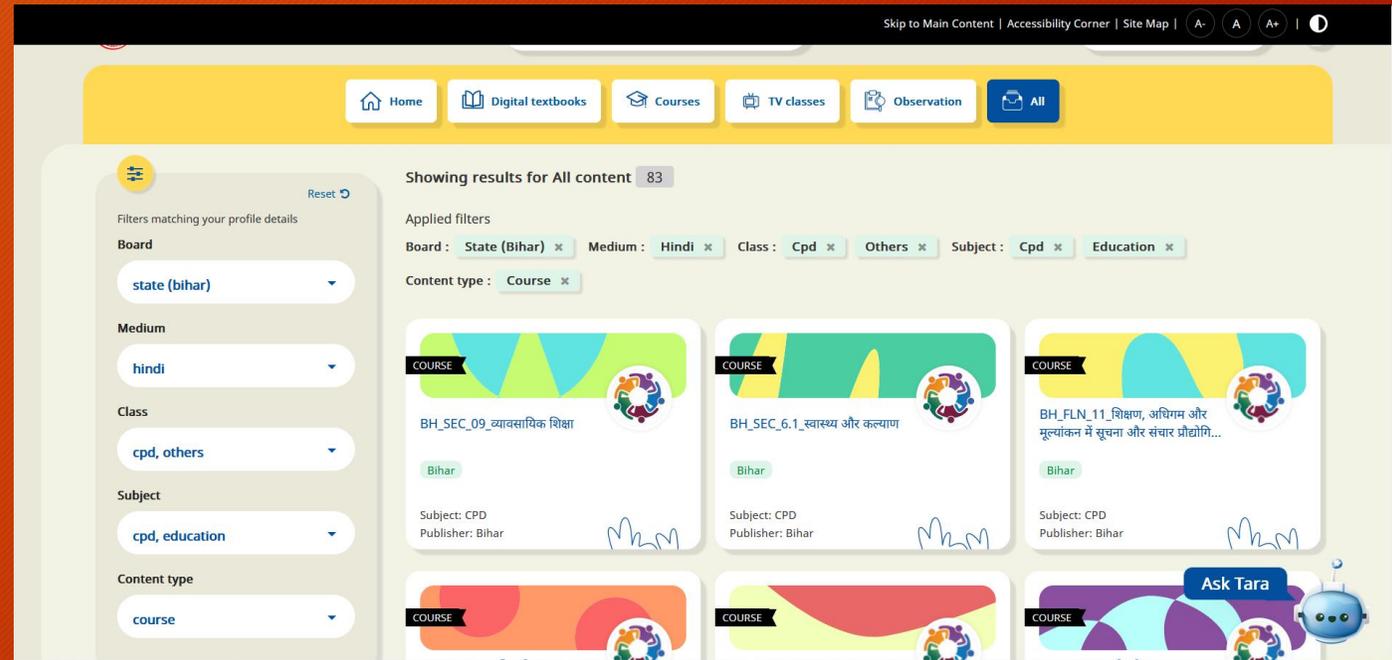
# DIKSHA : Decentralization of e-content pulling process

- Between 2017-2021
- SCERT, Bihar has prepared an expert group of e-content creators
- Uploaded more than 7 lakh e-contents related to QR-Coded text-books

The screenshot displays the DIKSHA platform interface. At the top, there is a search bar with the text "Search or enter QR code" and a search button. To the right, there are links for "Skip to Main Content", "Accessibility Corner", and "Site Map", along with language and accessibility settings. Below the search bar is a navigation menu with buttons for "Home", "Digital textbooks", "Courses", "TV classes", "Observation", and "All". The main content area shows search results for "All content" with 701211 results. On the left, there are filter options for "Board", "Medium", "Class", "Subject", and "Content type". The search results are displayed in a grid of cards. Each card has a header indicating the content type (e.g., "CONTENT PLAYLIST" or "COURSE") and a title. The cards also show the publisher (Bihar) and a QR code. The interface is clean and user-friendly, with a yellow and white color scheme.

# DIKSHA Bihar : CPD Courses

- As NEP-2020 emphasizes minimum **50 hrs./year Continuous Professional Development** training programme for teachers and school heads.
- At DIKSHA Bihar platform there are **83 courses** included; These are related to Continuous Professional Development of teachers.



The screenshot displays the DIKSHA Bihar platform interface. At the top, there is a navigation bar with links for Home, Digital textbooks, Courses, TV classes, Observation, and All. Below this, a search bar and a 'Reset' button are visible. The main content area shows 'Showing results for All content 83'. On the left, there are filters for Board (state (bihar)), Medium (hindi), Class (cpd, others), Subject (cpd, education), and Content type (course). On the right, there are applied filters for Board (State (Bihar)), Medium (Hindi), Class (Cpd), Others, Subject (Cpd), and Education. Below the filters, there are several course cards. The first card is titled 'BH\_SEC\_09\_व्यावसायिक शिक्षा' and the second is 'BH\_SEC\_6.1\_स्वास्थ्य और कल्याण'. Both cards show 'Subject: CPD' and 'Publisher: Bihar'. The third card is titled 'BH\_FLN\_11\_शिक्षण, अधिगम और मूल्यांकन में सूचना और संचार प्रौद्योगिकी...' and also shows 'Subject: CPD' and 'Publisher: Bihar'. At the bottom right, there is an 'Ask Tara' button and a robot icon.

# Need Based Survey about ICT for Education in Bihar

To Strengthen DIKSHA Bihar & other ICT based initiatives SCERT Bihar has conducted Need based survey to teachers ; Important findings are :



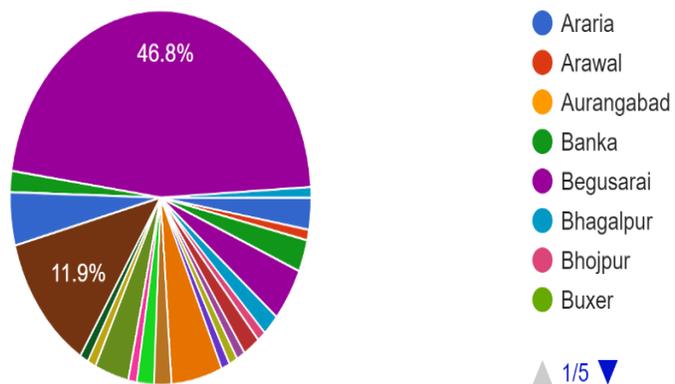
## बिहार राज्य के शिक्षकों के लिए ICT सम्बंधित आवश्यकता आधारित सर्वेक्षण प्रपत्र

शिक्षकों के तकनीकी क्षमता संवर्धन हेतु SCERT के द्वारा आवश्यकता आधारित सर्वेक्षण (Need Based Survey) किया जा रहा है। ताकि उनकी आवश्यकताओं के आधार पर तकनीकी सतत पेशेवर क्षमता संवर्धन हेतु योजना बनाई जा सके। अतएव नीचे दिए गए सभी प्रश्नों का यथासंभव उत्तर देने का कोशिश करें।

## Participants from Districts

4. पदस्थापित जिले का चयन करें

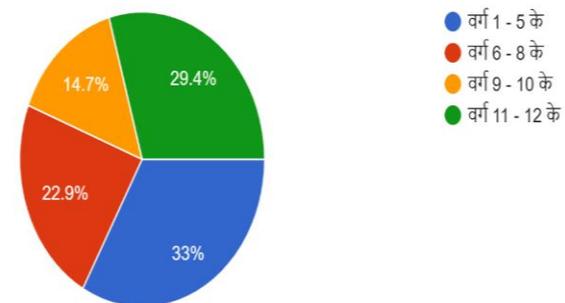
109 responses



## Classes for teaching

6. आप किस वर्ग के शिक्षक हैं ?

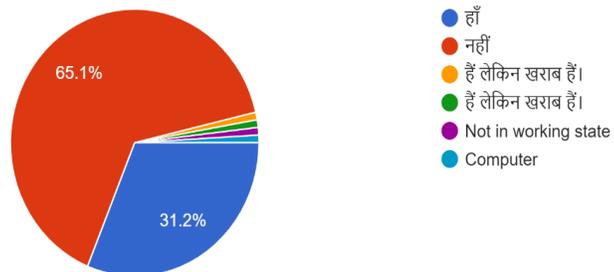
109 responses



## Digital Infrastructure in schools

7. क्या आपके विद्यालय में कम्प्यूटरलैब / लैपटॉप/ टैबलेट है ?

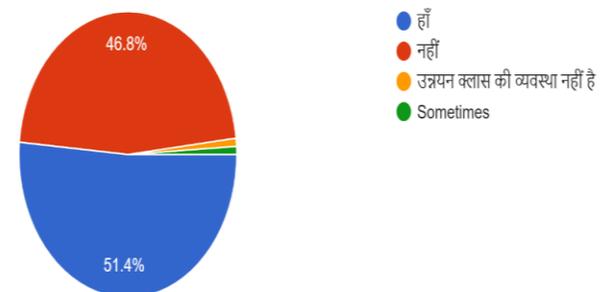
109 responses



## UNNAYAN Classes in Schools

8. क्या आपके विद्यालय में उन्नयन क्लास संचालित होता है ?

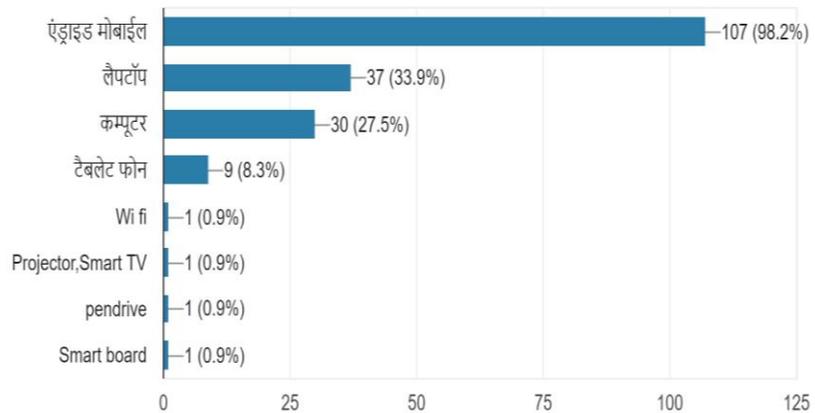
109 responses



## Digital tool uses

9. निम्नलिखित में आप कौन-कौन से उपकरण का इस्तेमाल करते हैं ?

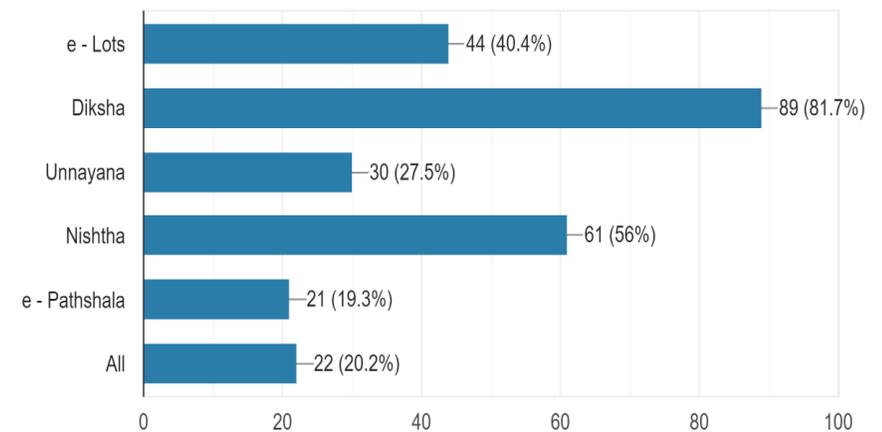
109 responses



## Digital platform uses

10. निम्नलिखित में से कौन-कौन से ऑनलाइन मंच का इस्तेमाल आप अपने मोबाइल में करते हैं?

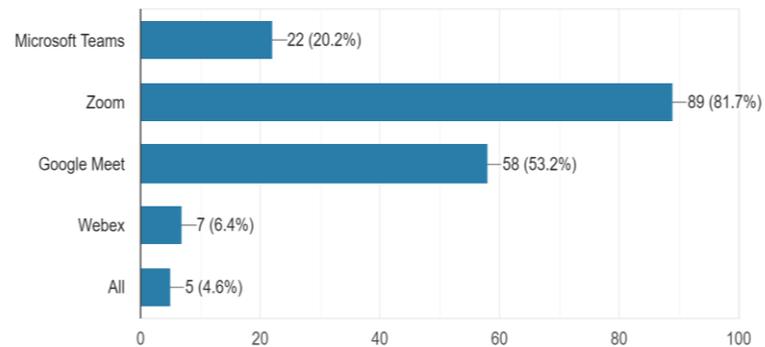
109 responses



## Frequently used applications

11. निम्नलिखित में से कौन-कौन से एप्लीकेशन के माध्यम से आपने ऑनलाइन प्रशिक्षण या मीटिंग में भाग लिया है?

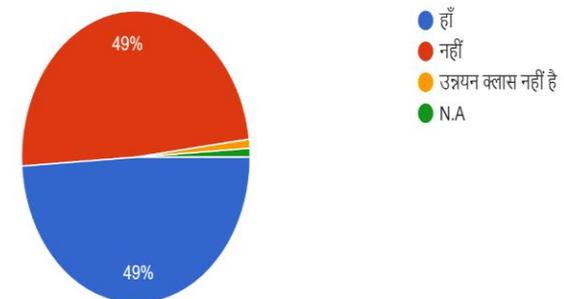
109 responses



## Unnayan Classes in Schools

12. क्या आपके विद्यालय में नियमित रूप से उन्नयन क्लास का संचालन होता है ?

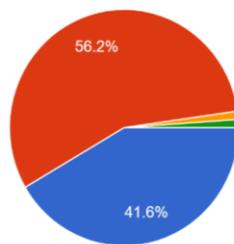
102 responses



## Involvement level in Unnayan classes

13. यदि हाँ, तो क्या उन्नयन क्लास आप खुद संचालित करते हैं ?

89 responses

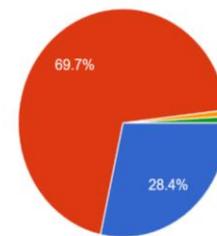


- हाँ
- नहीं
- उन्नयन क्लास नहीं है
- Sometimes

## Need of training

14. क्या आपने ICT सम्बंधित कोई प्रशिक्षण लिया है ?

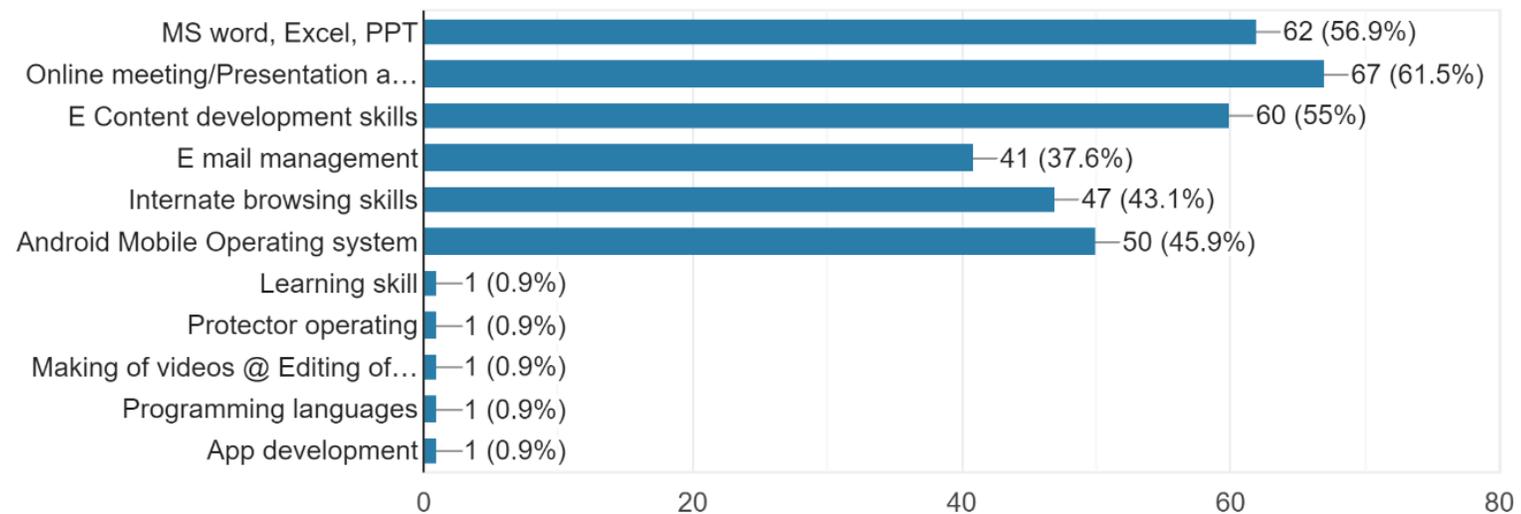
109 responses



- हाँ
- नहीं
- हाँ, TISSX, PHASE 1
- हाँ, TISSX PHASE 1- Result not clear.

### 15. यदि आपके लिए ICT सम्बंधित प्रशिक्षण का आयोजन किया जाए तो आप विशेष रूप से क्या जानना चाहेंगे ?

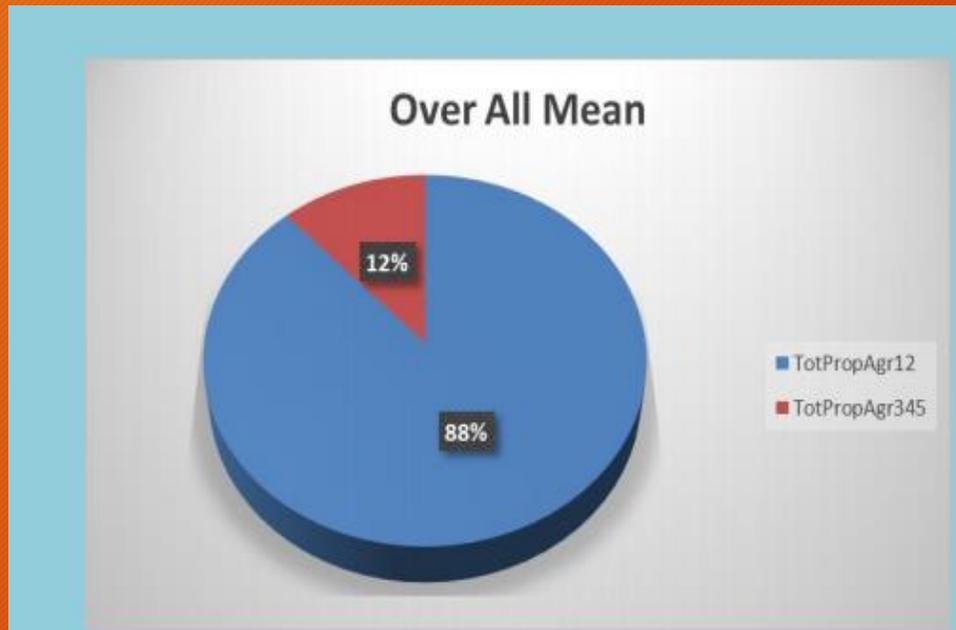
109 responses



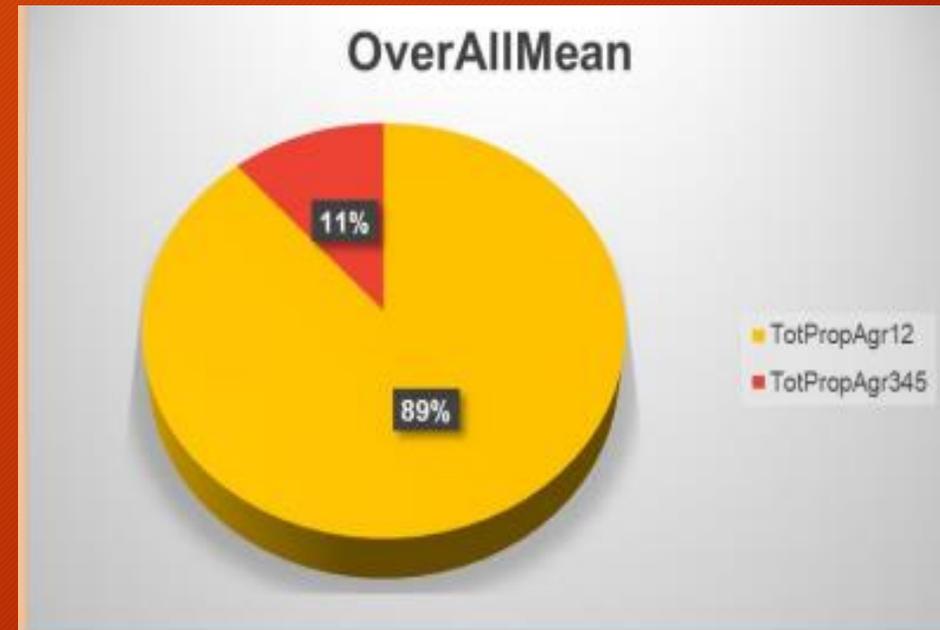
# DIKSHA Bihar : NISHTHA Training programme

- There are more than 4 lakhs teachers and school heads get enrolled and certified after completion of NISHTHA online training courses.
- There is a general survey of teachers and school heads participated in NISHTHA 1.0 & 2.0 conducted by SCERT, Bihar under a mini project Titles “ बिहार राज्य के सरकारी विद्यालयों में कार्यरत शिक्षकों के पेशेवर विकास पर 'निष्ठा' कार्यक्रम के गुणात्मक प्रभाव का अध्ययन”

## Teachers' View about NISHTHA Programme



## School Heads' view about NISHTHA Programme



- At the level of Director, R&T Education Dept. Bihar all primary teachers, DIET faculties and DIET trainees have been encouraged to participate in NISHTHA 3.0.
- Also there is planning going on to provide NISHTHA 4.0 training to these stake holders in planned manner.

# DIKSHA Bihar & Department of ICT in Education :CPD of Resource persons

- Under DIKSHA project and initiatives of Department of ICT in education, SCERT Bihar has a large pool of **resource persons get trained online/ offline** to make/edit/share e-contents according to need of learners & society.
- For this there are **structured workshops** get completed recently in which DIET faculties and teachers participated to make aware about DIKSHA Bihar.
- Its result can be seen in large pool of contents at local level generated under the micro improvement programme **Shikshak parv-innovative pedagogies.**

# Bihar Easy School Tracking (BEST) - A Mobile Application for Real Time Monitoring of Schools

- The BEST app enables real-time monitoring of elementary as well as secondary schools of the State of Bihar. The education officers from CRC to State level could monitor the schools under their jurisdiction through this very App.
- To accomplish this goal the system has two main parts:-
  - **Android Application** : For data reporting
  - **Website** : For monitoring and viewing reports

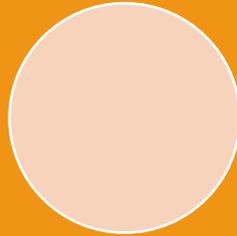
# Transference

- There is constant support of MOE and Education department of Bihar to develop ICT based infrastructure in state under PPP model.

# Bihar has adopted three models under CAL (Computer Aided Learning)



BEP Model



BOOT Model



e-Samarth Model



# BEP Model adopted by Bihar for CAL

Outreach upto 234 cluster middle schools till the year 2005-06 for CAL

e-TLM were procured under the head start Programme run under Rajya Shiksha Kendra, Bhopal, M.P.

Two teachers from each cluster schools trained as master trainers

# BOOT (Built, Own, Operate & Transfer) Model adopted by Bihar for CAL

- 141 centers equipped with Computers, e-learning materials & one instructor under PPP MOU.
- 29 NGOs/Agencies involved in the state at local level

# e-Samarth Model adopted by Bihar for CAL

- Training of 3 teachers from each **619 centers** in CAL.
- Supplementation of e-contents (100 titles) in languages and maths ;That should be based on BCF-2008.
- Provision of **K-yan** to overcome problem like high students and computer ratio. (Innovative devices are designed to harness technology and transform classrooms into interactive and highly engaging digital classrooms).
- BSEDC and its consortium IL & FSs has entered an MOU to operationalize **244 CAL** centers across the state.

This project is highly popular and helps Bihar to bag **MANTHAN Award, South Asia 2010-Digital Inclusion for Development**

# TEIs with ICT infrastructure:

- The Bihar government has installed wi-fi on TEIs campuses so that students can download books and study materials from outside sources.
- Almost all TEIs having Computer Labs with lecturer in education technology to train trainees about use of ICT in education
- There is provision for laptops to TEIs faculty members.
- Some TEIs equipped with Conference halls with modern electronic and computer systems with help of PPP/NGOs.

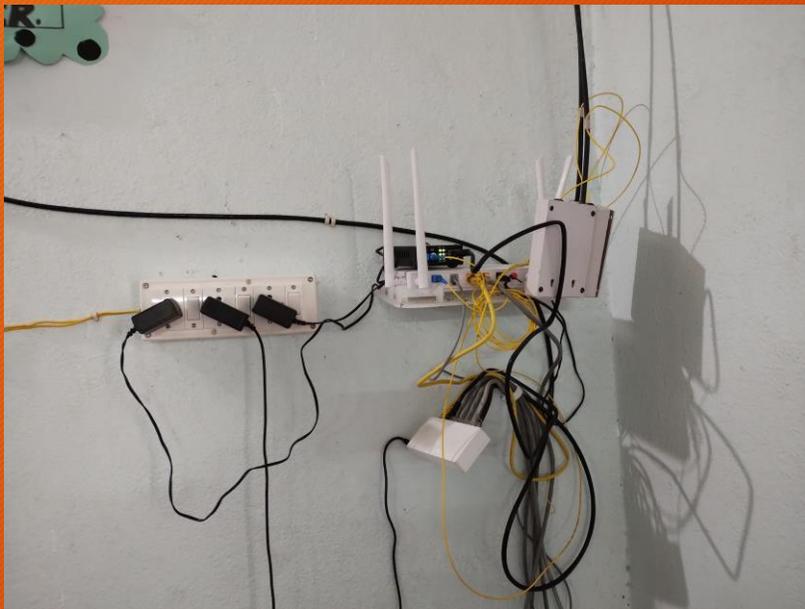
## Biometric attendance



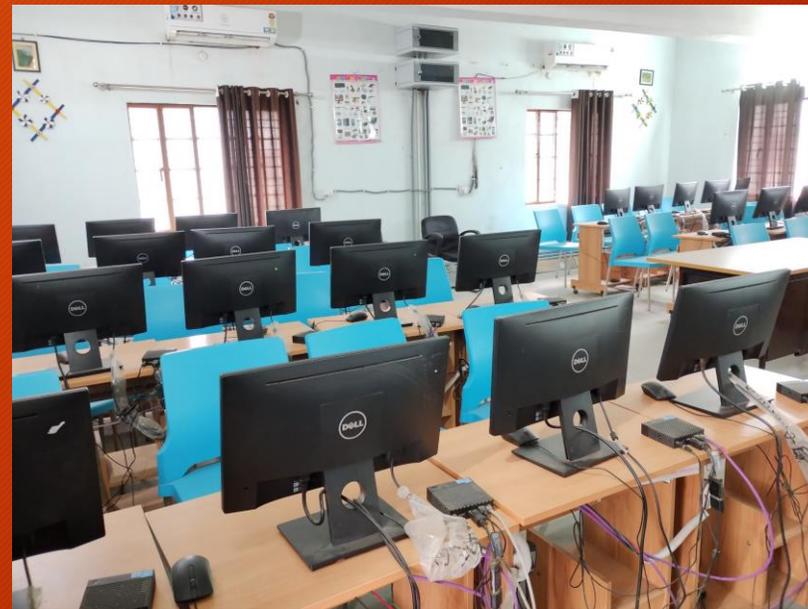
## Projectors



## Wi-fi Campus



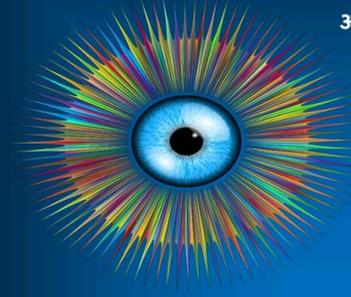
## ICT Lab



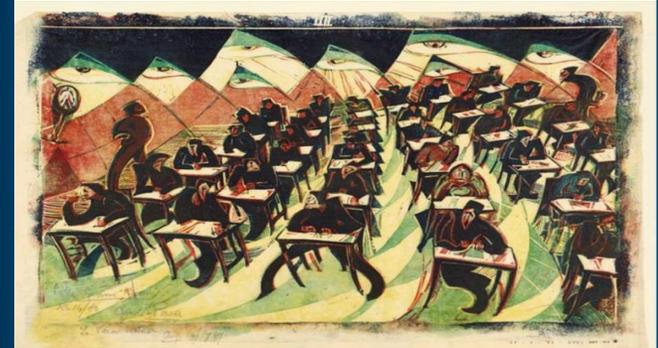
- There is a provision of periodicals in form of e-magazine should be published at Institutional level.

## शैक्षिक दृष्टिकोण

अर्धवार्षिक ई-पत्रिका, जुलाई-दिसंबर 2022



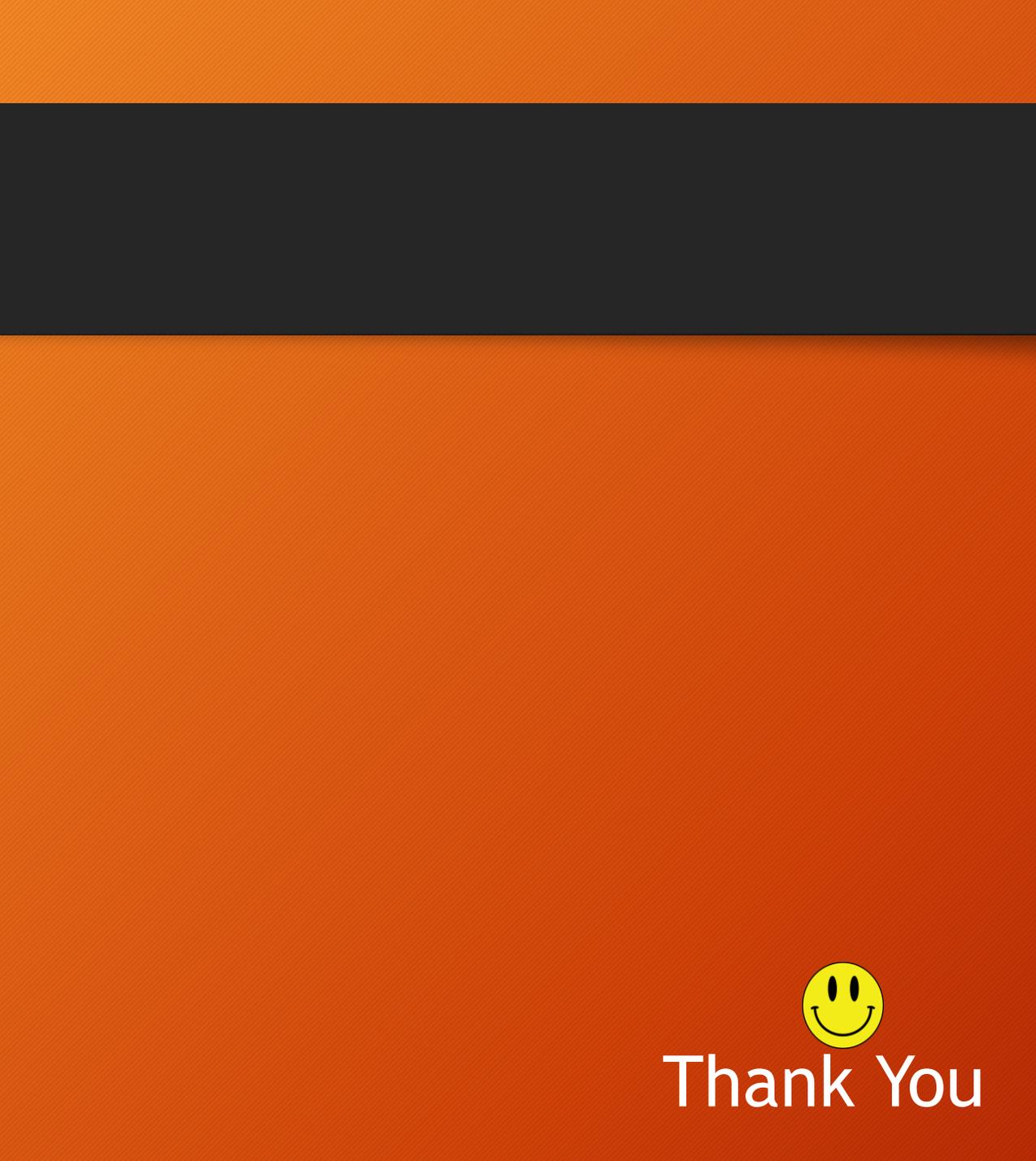
डी.एल.एड. (फेस-टू-फेस) प्रथम वर्ष परीक्षा- 2022 विशेषांक



जिला शिक्षा एवं प्रशिक्षण संस्थान, बिक्रम, पटना

# Online meetings:

- Online meetings have become the norm of the day, and with use of Zoom/Google meet online platform SCERT, Bihar has ensured this.
- With use of this facility SCERT, Bihar has conducted many training programmes for trainees/teachers/teacher educators.
- For **NCF Tech platform survey** ; SCERT, Bihar has arranged many online training programmes for teachers, teacher educators and trainee teachers under pandemic situation; due to which Bihar grab one of the leading positions among states who have completed survey within due date.



Thank You