



KITE

Kerala Infrastructure and Technology for Education



Updated on 08.03.2023

KERALA



Key Indexes of 'God's Own Country'

Parameters	Kerala
Capital	Thiruvananthapuram
Geographical area (sq km)	38,863
Administrative districts (No)	14
Population density (persons per sq km)	860
Total population (million)	33.38
Male population (million)	16.02
Female population (million)	17.36
Sex ratio (females per 1,000 males)	1,084
Literacy rate (%)	94.0
No of Schools/Students/Teachers	15,000/ 45 L / 2 L
Tops National School Education Quality Index	
Tops in Overall Health Index- 2019	
Tops in key sustainable development goal- 2018, 2020	
Lowest infant mortality rate & Highest life expectancy in India	



KITE- Vision

To transform Kerala as a knowledge society by enhancing the quality of educational inputs through sustainable, inclusive, technology assisted interventions.

ദർശനം

കേരള സംസ്ഥാന വിദ്യാഭ്യാസത്തിന്റെ ഗുണനിലവാരം ഉയർത്തി സംസ്ഥാനത്തെ ഒരു വിജ്ഞാന സമൂഹമായി മാറ്റുന്നതിന് അനുയോജ്യവും, സുസ്ഥിരവും , സമന്വയിപ്പിച്ചതും (inclusive) സാങ്കേതികവിദ്യാ സഹായത്തോടെയുള്ളതുമായ ഇടപെടലുകൾ നടത്തുക. (കേരള സംസ്ഥാന വിദ്യാഭ്യാസത്തിന്റെ ഗുണനിലവാരം ഉയർത്തുന്നതിന് അനുയോജ്യമായതും കാലാനുസൃതവുമായ സാങ്കേതിക സംവിധാനങ്ങൾ പ്രയോജനപ്പെടുത്തിക്കൊണ്ട് വിദ്യാഭ്യാസ മേഖലയിൽ സാങ്കേതികമികവുള്ള സമൂഹത്തെ വാർത്തെടുക്കുന്നതിനുള്ള സ്ഥാപനമായി പ്രവർത്തിക്കുക.)



KITE- Mission

1. To foster, promote and implement modernization of educational institutions in the State of Kerala, owned by the state or run under the aid of Government, through providing infrastructure including Information & Communication Technology Infrastructure, Capacity Building, Content Development, Connectivity, e-learning, satellite based education, support and maintenance mechanism, E-Governance or other related.
2. To implement up gradation of the Government sector educational institutions on par with international standards in terms of infrastructure, facilities, resources, curriculum, pedagogy etc.

- വിദ്യാഭ്യാസമേഖലയിൽ പ്രവർത്തിക്കുന്നവരുടെ ഐ സി ടി രംഗത്തെ പ്രയത്നശേഷി മെച്ചപ്പെടുത്തൽ , ഉള്ളടക്ക വികസനം, ഇ-ലേണിംഗ്, ബ്രോഡ്കാസ്റ്റിംഗ് സൗകര്യങ്ങൾ ഒരുക്കൽ, മറ്റ് അനുബന്ധ പ്രവർത്തനങ്ങൾ. വിദ്യാഭ്യാസ മേഖലയിൽ വിഭവനിർമ്മാണം, പരിശീലനം, ഇ-ലേണിംഗ് സംവിധാനങ്ങൾ, സംപ്രേണസൗകര്യങ്ങൾ തുടങ്ങിയവയുടെ പ്രയോജനം ഉറപ്പുവരുത്തുക.
- സംസ്ഥാനത്തെ വിദ്യാഭ്യാസ സ്ഥാപനങ്ങളെ അന്താരാഷ്ട്രതലത്തിലേക്ക് ഉയർത്തുന്നതിന് അനുയോജ്യമായ ഭൗതികസൗകര്യങ്ങൾ, വിഭവങ്ങൾ, പാഠ്യപദ്ധതി, ബോധനതന്ത്രങ്ങൾ തുടങ്ങിയവ മെച്ചപ്പെടുത്തുന്നതിനുള്ള ഇടപെടീൽ നടത്തുക.



KITE- Mission

3. To formulate and implement projects for the use of Information and Communication Technology as a tool for the improvement of the education quality in the Kerala
4. To act as advisor or consultant to the Government and private sector in improving education quality through Information and Communication Technology.

- വിദ്യാഭ്യാസ വകുപ്പിന് അനുയോജ്യവും സ്ഥായിയായതുമായ ഇ-ഗവേണൻസ് പ്രവർത്തനങ്ങളും അതിനാവശ്യമായ കണക്ടിവിറ്റി, സഹായസംവിധാനം തുടങ്ങിയവ ലഭ്യമാക്കുക.
- ഐസിടിയിലൂടെ വിദ്യാഭ്യാസ നിലവാരം ഉയർത്തുന്നതിൽ സർക്കാരിനും സ്വകാര്യമേഖലയ്ക്കും നിർണായക നിർദ്ദേശങ്ങളും ഉപദേശങ്ങളും നൽകുക.



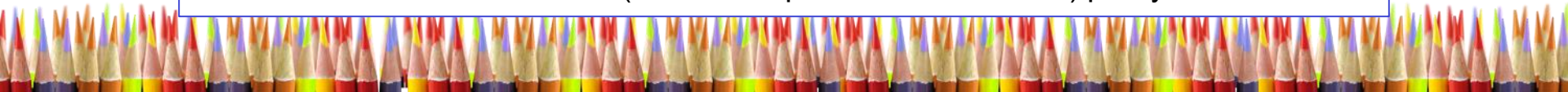
KITE- Activities

1. Empowering teachers with ICT trainings equipping them to take the classes effectively and with ease with the use of ICT tools.
2. Through KOOL, KITE's Open Online Learning, the MOOC model training platform for teachers, imparting various subject and syllabus wise trainings for teachers.
3. Making students ICT champions through dedicated trainings in diverse areas such as Animation, Robotics, Artificial Intelligence, IoT, 3D Modelling etc
4. Facilitating Little KITEs Student IT Clubs in 2000+ schools, the largest ICT network of students.
5. Equipping every State-run and State-Aided schools to become fully Hi-Tech with the deployment of latest ICT gadgets.
6. Transforming all classes in all Secondary schools to completely Hi-Tech and setting up Hi-Tech Labs in all Primary schools.



KITE- Activities

7. Periodically reviewing the ICT guidelines for schools recommending the minimum specification, maximum prices, and mandatory service conditions to be adhered to with respect to procurement of ICT equipments for schools.
8. Providing High Speed FTTH Broadband Internet Connectivity to all schools and Educational Offices in the States.
9. Facilitating ICT learning environment by providing Samagra Digital Resource Portal which has digital contents for Std 1 to 12 and also for teachers.
10. Setting up essential support mechanisms such as Online system for ICT hardware distribution, complaint management portal supported by Call Centre facility etc to ensure proper running of all processes.
11. Ensuring adequate ICT Content Development processes, completely aligned with State Government's FOSS (Free and Open Source Software) policy.



KITE- Activities

12. Development and Deployment of FOSS based KITE GNU Operating System.
13. Development and maintenance of eGovernance applications for the General Education Department such as Sampoorna School Management Software, Sametham School Data Bank, Samanwaya Online Appointment approval and staff fixation application for teachers etc.
14. Creation of ICT textbooks for all classes.
15. Operating the KITE VICTERS educational channel and Studio complex 24/7.
16. Operating regional offices in 14 districts with a team of Master Trainers.
17. Implementation of physical school infrastructure upgradation projects such as enter for Excellence (Rs.5 Cr each category for 139 schools) and Betterment of Infrastructure facilities (Rs.3 Cr each category for 93 schools).



Pre-ICT era- Early 2000's

Few computers in some schools. No standardization in specifications.

No IT / ICT enabled contents or syllabus prescribed.

Market driven proprietary contents with no academic value were used.

Absence of dedicated or support for Teachers in upgrading to ICT.

Resistance to Change prevailed among teachers.



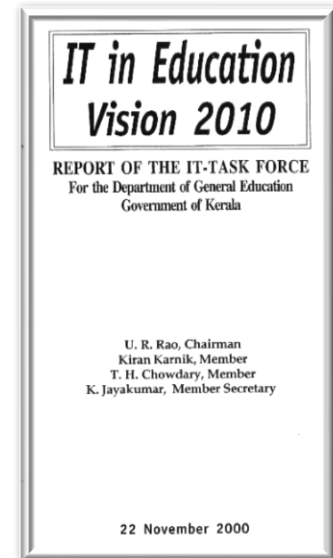
Government Intervention

Constituted a Task Force headed by Prof.U.R.Rao in 2000.

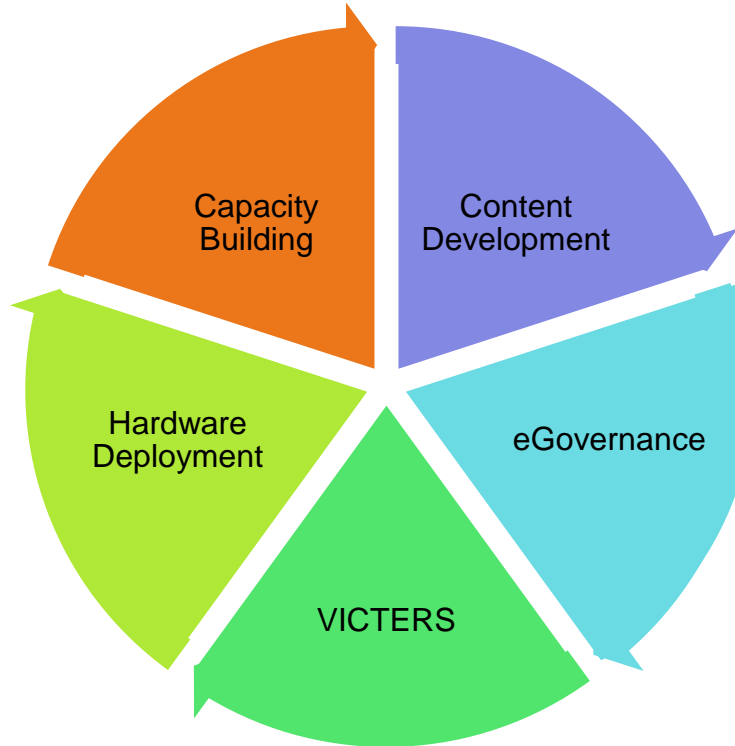
Task Force recommended to setup a dedicated wing within

Education Dept to make interventions in IT in education.

Thus IT@School Project (presently KITE) was setup in 2001.



Two decades of Interventions in ICT@ Education



- 2001 • IT@School project initiated
- 2003 • IT made a compulsory subject
- 2007 • Shift to FOSS platform
- 2010 • ICT enabled education
- 2016 • Hi-Tech school project- Secondary schools
- 2017 • IT@School made KITE, Section 8 Company
- 2018 • Hi-Tech Lab project-Primary schools
- 2020 • Complete Digital in Education
- 2021 • First Bell Digital Classes
- 2022 • Ecube English & Cyber Safety



Kerala- 1st State to become Complete Digital in Education



- Hi-Tech school project

4752
Secondary
schools

- Hi-Tech Lab project

11257
Primary
schools



43 lakh
students
2 lakh
Teachers

- Samagra Resource portal

1.75 lakh
student
members
2000+ units

- Little KITES IT Clubs

Largest Student ICT network in India



Empowerment at various levels

MOOC model platform 'KOOL' for Training

Training for Little KITES students

MoJo (Mobile Journalism) training

Visual Media Literacy

ICT Training for Mothers

Cyber Safety Training



Key beneficiaries of programmes implemented by KITE

15476
schools

47 Lakhs
students

2 Lakhs
teachers

Schools

Data up to 08 Jun 2022

9865
LP, UP Schools

3145
HS Schools

2077
HSS Schools

389
VHSE Schools

Students Strength 2022-2023

Data up to 08 Jun 2022

2,559,536
LP, UP Students

1,273,863
HS Students

766,808
HSS Students

59,030
VHSE Students

Teaching Staff

73,758
LP, UP Teachers

75,247
HS Teachers

27,222
HSS Teachers

4,280
VHSE Teachers

Source: SAMETHAM School Data Bank portal www.samethem.kite.kerala.gov.in developed by KITE



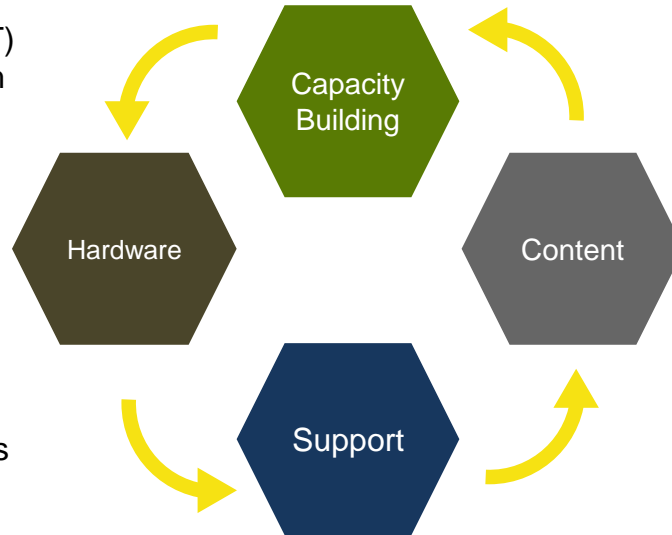
Key Strategies which proved as Game Changers

Content Development

Adoption of FOSS in Education
Making Information Technology (IT)
a compulsory subject in curriculum
ICT Textbooks for all classes
Samagra Resource Portal
Mobile Apps.

Capacity Building

Teachers themselves became Trainers
No external IT resource engaged
Trainings for Teachers, Students,
Parents and Public
Training in ICT, Hardware and
Content Development



Hardware Deployment

Deployment of ICT hardware to
schools using Central & State plans
Broadband Connectivity
Call center & Web portal support
Hardware Clinics

Support systems

eGovernance
Monitoring systems
VICTERS educational channel



KOOL

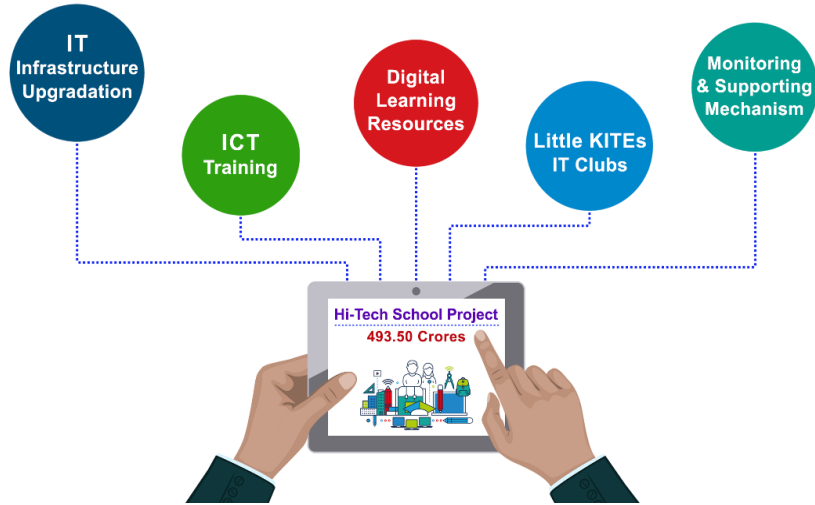
MOOC Model training platform for Teachers



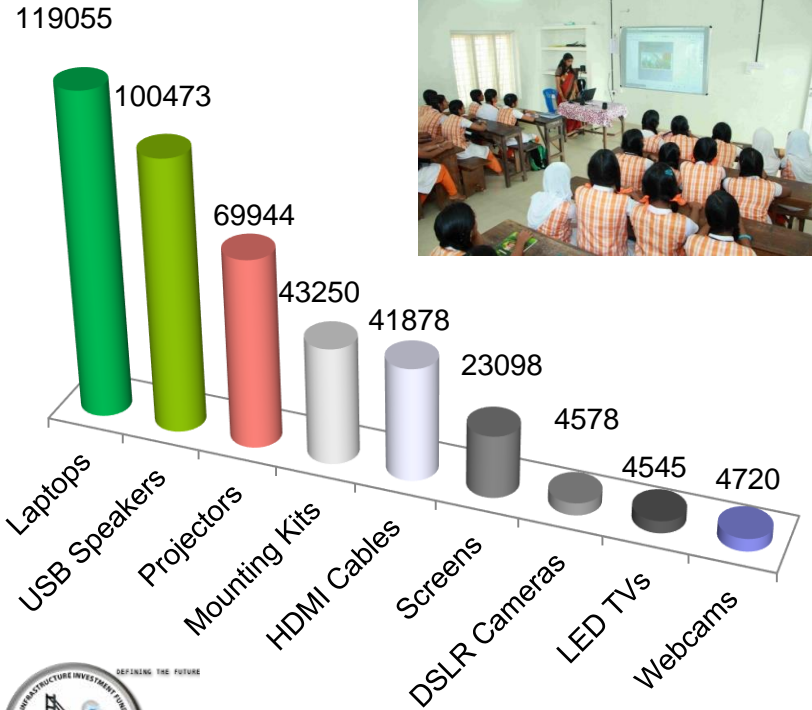
- Online training platform for teachers, where they can select the training course of their choice without losing academic days.
- Features animated learning assistants, video tutorials, checklists and many such.
- Activity details and digital resources can be downloaded for offline practice.
- 45 hour training module. Over 36,050 teachers trained so far.



Ensuring sufficient ICT Infrastructure in schools



- INR 493.50 Cr Hi-Tech- 4752 Secondary schools-2016-2020
- INR 300 Cr Hi-Tech Lab-11275 Primary schools- 2018-2020
- Broadband connectivity to all schools and all equipments have 5 year comprehensive onsite Warranty
- Call center, Web portal and Insurance coverage
- Strict guidelines for ICT hardware deployment



Broadband Connectivity to all schools



10,000 primary schools to get free Wi-Fi facility soon

Initiative Under IT@School To Cover 40% Institutions By Dec

Times News Network

Thiruvananthapuram: As many as 10,000 lower and upper primary schools across the state will soon get free broadband internet connections. The IT@School project, in association with state-owned telecommunications company BSNL, is set to provide Wi-Fi enabled connectivity of 20Mbps with unlimited data usage to government and aided schools this academic year. The initiative will officially start off on November 1.

"This step would mark the beginning of improving IT infrastructure in primary section as an extension of the High-Tech School programme through which classes from 8 to 12 are being upgraded with the aid of information and communication technology (ICT) tools," said education minister C. Ravindranath.

The IT@School project has

MORE IN THE PIPELINE

THE Wi-Fi connectivity of 20Mbps with unlimited data usage will be provided to government and aided schools this academic year
→ The lower primary classes will get the new ICT textbook



ICT training for all primary teachers will start on Tuesday
→ It is also planned to make available a comprehensive digital content exclusively developed for the primary section

been providing broadband internet connection to close to 5,000 schools and educational offices since 2007. "With the advent of broadband internet provision to primary section, the state's school internet network (with 80% coverage and over 15,000 connections) would become the largest of its kind in the country," said R. Anvar Sadath, executive director of IT@School.

The lower primary schools will get the new ICT textbook

(for classes 1 to 5) (I) (I) Kallipetti in November. ICT training for ordinary teachers is all set to commence on Tuesday. Along with this, it was also planned to make available a comprehensive digital content exclusively developed for the primary section.

The BSNL would complete the installation of broadband connections to 40% of the schools before end of December and the remaining by March 2017. The telecom com-

pany is also coming up with a unique web portal and call centre facility for addressing issues pertaining to internet connectivity provided to the schools.

Also, the BSNL would be providing broadband connectivity through special phone connections to those schools that do not have telephone connections at present. "The BSNL is keen to empower students through digital networks and we have embarked on the journey with the IT@School project in 2007. This time we are offering the lowest rate - Rs 5,000 per year including service tax," said R. Mani, chief general manager, BSNL, Kerala circle.

Also, the IT@School would implement an monitoring mechanism to ensure safe and secure use of internet provided to the schools and also to gauge its effectiveness at regular intervals.

100 Mbps broadband connectivity for schools

KITE, BSNL tie up for 12.5 times faster connectivity

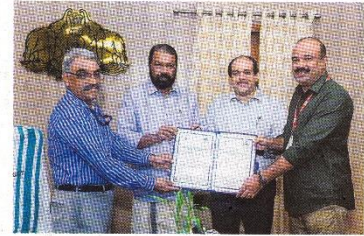
STAFF REPORTER
THIRUVANANTHAPURAM

The Kerala Infrastructure and Technology for Education (KITE) and BSNL have joined hands to provide 100 Mbps broadband Internet connectivity in high schools, higher secondary schools, and vocational higher secondary schools in the State.

The current 8 Mbps FTTH (Fibre to the Home) connections in schools will now be upgraded to 100 Mbps that is 12.5 times faster. The memorandum of understanding (MoU) was signed by K. Anvar Sadath, CEO, KITE, and C.V. Vinod, Chief General Manager, Kerala circle, BSNL, in the presence of Minister for General Education V. Sivankutty and General Education Principal Secretary A.P.M. Mohammad Hanish.

45,000 classrooms

The 100 Mbps broadband internet connectivity will benefit 45,000 classrooms in 4,685 schools included in the Hi-Tech School project through better ICT-enabled education. As part of the Hi-Tech School project in 2018, KITE had deployed laptops,



KITE Chief Executive Officer K. Anvar Sadath and BSNL Kerala circle CGM C.V. Vinod with the memorandum of understanding for upgrade of school broadband internet speed to 100 Mbps. General Education Minister V. Sivankutty and Principal Secretary A.P.M. Mohammad Hanish are seen.

projectors, USB speakers, and networking in these classes.

Even though the Samagra resource portal and the Sa-hitham mentoring portal are available in all classrooms in offline mode, with the availability of the 100 Mbps connection in classrooms, all such digital/online systems can be used more effectively. This will also enable the availability of KITE Vickers education channel in all classrooms.

BSNL has agreed to en-

hance the broadband connection in schools to 100 Mbps without any additional cost and adhering to the existing rate of ₹10,000 (+GST) at which the earlier 8-Mbps broadband connection was provided. Each school can use up to 3,300 GB data a month as per this plan.

"This step, the first in the country, will strengthen the initiatives of the State towards becoming a knowledge society," Mr. Sivankutty said.

- Hi-Speed Broadband Internet connectivity to all schools and educational offices.
- KITE has tied up with BSNL & RailTel.
- 12637 schools including 7887 Primary schools and 4750 Secondary schools along with 248 Educational Offices
- KIIFB has funded Rs.38.53 Cr for broadband connectivity.
- KITE is the 1st SPV to get funds from KIIFB.

Customised Linux based Operating System for schools

KITE/GNU Ubuntu 20.04

TheNewsMinute
May 15 at 9:10 PM · 🌐

The Operating System will be installed in more than 14,000 schools comprising 45.29 lakh students and 1.72 lakh teachers before the start of the next academic year.



THENEWSMINUTE.COM

How switching to Linux-based free OS is saving Kerala govt schools Rs 3,000 crore



The Logical Indian
Yesterday at 4:17 PM · 🌐

The OS will be installed in over 14,000 government and government-aided schools across the state, in over 2 lakh computers.



THELOGICALINDIAN.COM

Govt Schools In Kerala To Use Linux-Based Free OS, Saving Rs 3000 Cr

👍❤️👍 Hashif Pattambi, Riyas Ali and 5K others 234 Comments 1.3K Shares

IT's FOSS

ABOUT LINUX EB

Good News! Indian State Saves Over \$400 Million by Choosing Linux

Last updated May 14, 2019 By [Abhishek Prakash](#) — 15 Comments



Keep Your Mac Clean & Safe, Easily
MacKeeper

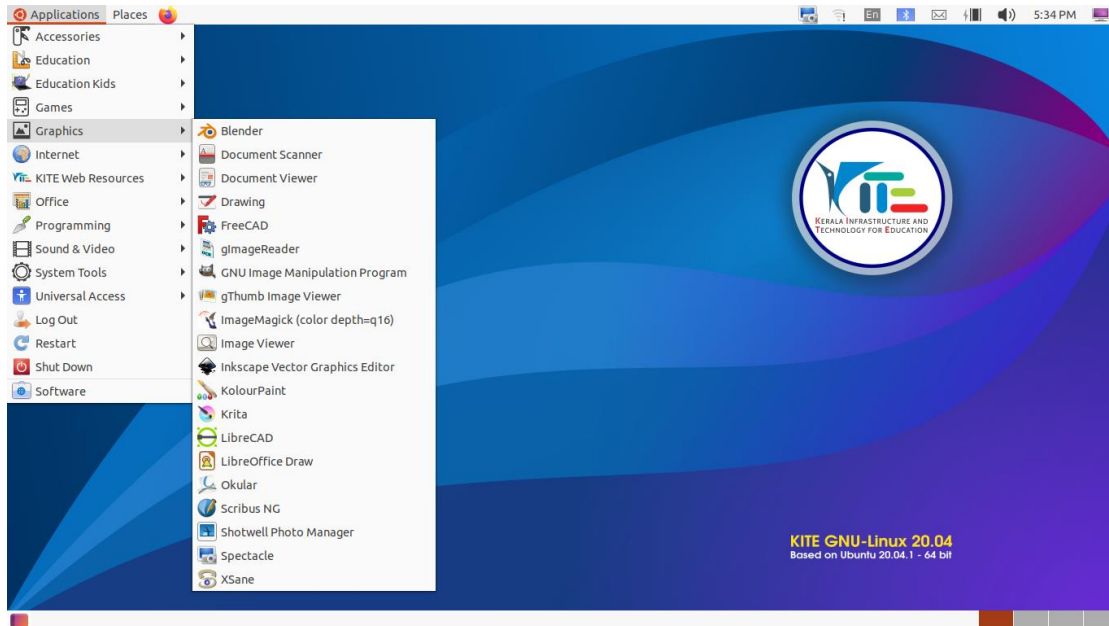
VISIT SITE

Schools in Indian state of Kerala are expected to save ₹3000 crore (roughly \$428 million) by choosing Linux as their choice of operating system for school computers under a state-wide project.



Both versions can be downloaded for free from
<https://kite.kerala.gov.in/KITE/index.php/welcome/downloads>

KITE / GNU Linux 20.04 based on Ubuntu 20.04



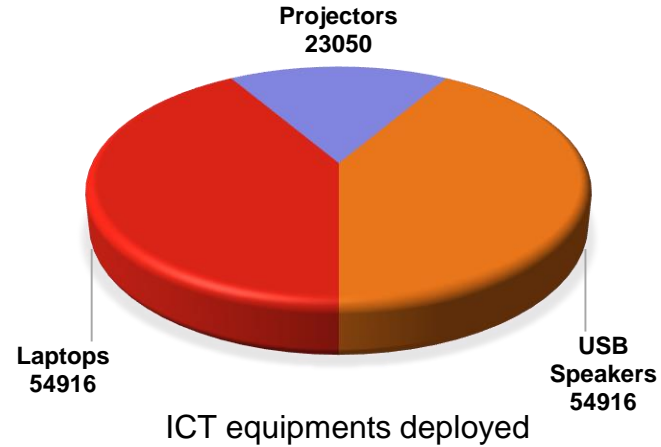
Screenshot of KITE OS Desktop

Name of Software	Category
Libre Office packages	Office Packages
GIMP, Krita	Raster image editing and drawing
Inkscape	Vector image editing
Synfig Studio, Draw SW	Animation
OpenShot video editor, Kden Live	Video editing
Odacity	Audio editing
GNUKhata	Financial accounting
Kalzium, PhEt, RasMol, Ghemical, KStars	Science
Quantum GIS, GPIates	GIS
Geogebra	Mathematics
Suncllock, Marble, KGeography	Earth studies
Stellarium	Desktop planetarium
GCompris, pySio game	Edutainment software
Blender	3D Graphics
Scribus	Desktop publishing
QT 5	Interface designer
Geany, IDLE	Programming IDEs
Scratch	Visual programming
GCC	Combiner
Firefox, Chromium, Web	Web browsers
FileZilla	FTP, SFTP & FTPS client
Orka Gimage reader	Tools for visually challenged
Transmission	Bit Torrent client
YouTube DL	Video downloader
PDF Shuffler, PDF Viewer, Xplayer	PDF utilities
VLC, Totem, SM player, Xplayer	Media players
Audacious	Audio players
WinFF, Handbrake	Media format converters
Kasm, GTK recording, MyDesktop, Simple Screen recorder	Screen capturing software
K3b, Brasero	CD / DVD Burner
GParted, Gnome Disk	Partition tools
testdisk	Data recovery
Sigil	E-Pub file editor
Lyx	Latec editor
FET	Timetable generator

List of Applications pre-loaded in the OS.

Hi-Tech Lab for Primary schools project

- ❑ 9941 LP & UP schools covered.
- ❑ Laptops, Projectors and USB Speakers deployed to primary schools.
- ❑ Rs.300 Cr funding by KIIFB
- ❑ 5 year Warranty for all ICT equipments.
- ❑ Support mechanisms like Webportal for Complaint redressal, Call Center facility and Insurance Coverage.
- ❑ Over 20 lakhs student beneficiaries



Support mechanism for Hardware



Hi-Tech School Programme Monitoring System (HTSPMS)



School hss-5001	HOME	COMPLAINTS	PRODUCT LIST	SCHOOL PROFILE	USER SETTINGS	LOGOUT
		COMPLAINTS		CALL CENTER TOLL FREE PHONE NUMBER		
		PRODUCT LIST		1800 4256 200		
				USER MANUAL FOR SCHOOL		
		TOTAL COMPLAINTS 4	Total Items 57			
		PENDING 0	PRODUCT TOTAL			
		CALL REGISTERED 0	CEILING MOUNT KIT, GMPL 8			
		PARTIALLY SOLVED 0	FACE PLATE, GMPL 8			
		RESOLVED 0	HDMI CABLE 10 Mtr, ANTRAX 8			
		RE ASSIGNED 0	LAPTOP, ACER 8			
		CLOSED 4	LAPTOP (FOR LAB), ACER 4			
			NETWORK, KELTRON 1			
			PROJECTION SCREEN, LIBERTY LITE 4			
			PROJECTOR, ACER 8			
			USB SPEAKER, iBall 8			

CallCentre

3-Member Call center team positioned at State Office of KITE at Thiruvananthapuram

A Two member technical support team positioned in each of the 14 Districts in Kerala

All ICT equipments have a 5 year warranty.

Insurance coverage provided to over 4.40 lakh ICT equipments deployed to schools.



SAMAGRA Resource Portal

www.samagra.kite.kerala.gov.in



7056 Videos



868 Audios



9691 Images



7793 Interactive



31562 Other files

56970 Digital Resources

Approach of Samagra-

Providing necessary digital materials according to Lesson Plans of Teachers.

Nature of Contents in Samagra

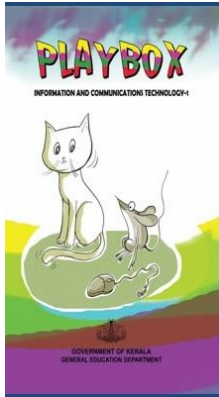
- Unlike conventional content, the ICT contents developed and uploaded in Samagra are of Active nature, facilitating an interactive platform for teachers and students.
- Every Content is backed with discussion points for classroom interaction and what should be elicited from students and what has to be the Conclusion.

Digital Resources in collaboration with KHAN ACADEMY



ICT Textbooks for Std 1 to 12

Kalipetti (Play Box)
For **Lower Primary**
Classes 1 to 4



Edutainment model

pySio Game
Tux Paint
Gcompris
Anagramarama

e@ Vidhya
For Upper Primary
Classes 5 to 7



Subject oriented
development of basic

ICT skills

Marble, GPlates,
Jfraction Lab,
TurtleBlocks, Geogebra

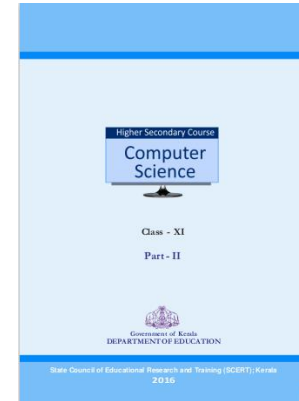
ICT Textbooks
For High School
Classes 8 to 10



Implementing ICT
enabled education

Geogebra, RasMol,
Kalzium, Stellarium,
Scratch, QGIS, Office
packages

ICT Textbooks
For Higher Secondary
Classes 11 & 12



ICT Skills

Development as optional
subjects

Arduino Robotic Kits for Little KITEs IT Clubs



സംസ്ഥാനത്തെ 2000 ഹൈസ്കൂളുകളിലെ ലിറ്റിൽ കൈറ്റ്സ് യൂണിറ്റുകളിലൂടെ വിന്യസിക്കുന്ന 9000 റോബോട്ടിക് കിറ്റുകളുടെ പ്രവർത്തനോദ്ഘാടനം മുഖ്യമന്ത്രി പിണറായി വിജയൻ നിർവഹിക്കുന്നു



School Wiki

www.schoolwiki.in

A Comprehensive knowledge database of all schools in Kerala

The screenshot shows the School Wiki homepage. At the top left is the School Wiki logo. Below it is a sidebar with navigation links. The main content area features a search bar and a featured article titled "സൂൾവിക്കിയിലേക്ക് സ്വാഗതം" (Welcome to School Wiki). The article text is partially visible, mentioning the project's goal to create a comprehensive knowledge database for all schools in Kerala.

IT IN EDUCATION ■ Version of Wikipedia site to help students, teachers, alumni share content

School Wiki to link 15,000 Kerala schools

DC CORRESPONDENT
THEIRUVAANTHURPURAAM,
OCT. 30

School Wiki, a scaled down version of Wikipedia, an IT@School project of the state government is expected to foster a culture of collaborative content development in 15,000 schools from Class I to XII in the state.

The revamped School Wiki will be ready by November 1, the Kerala Press on www.schoolwiki.in portal. School Wiki, compiled completely in Malayalam, features a unique content collection, jointly undertaken by the students, teachers, alumni and public.

By logging onto School Wiki, all schools will be able to key in and update all their basic elementary details as well as their historical references. Schools can also upload details such as their infrastructure data, renowned alumni, school websites, social maps, blogs, various clubs and forums, class magazines, supporting images and videos in the School Wiki.

IT@School project executive director K. Aravindan said that awards would be given to those schools that make use of and maintain School Wiki in the most effective manner.

School Wiki will also host educational content prepared by students and teaching materials collaboratively developed by those schools that make use of and maintain School Wiki in the most effective manner.

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ചിത്രങ്ങളിലൂടെ : തിരുവനന്തപുരം കൊല്ലം പത്തനംതിട്ട ആലപ്പുഴ കോട്ടയം ഇടുക്കി എറണാകുളം തൃശ്ശൂർ പാലക്കാട് മലപ്പുറം കോട്ടയം

ഹൈടെക് വിദ്യാലയങ്ങൾ എൻ്റെ ഗ്രാമം നാടോടി വിജ്ഞാനകോശം

ഈ തിരുവനന്തപുരം കൊല്ലം പത്തനംതിട്ട ആലപ്പുഴ കോട്ടയം ഇടുക്കി എറണാകുളം തൃശ്ശൂർ പാലക്കാട് മലപ്പുറം കോട്ടയം

School Wiki 2.0: 15,000 schools in state to go under online umbrella

PT@sum: The revamped School Wiki, an initiative of the state government's IT@School Project, will be made available in 15,000 schools from Class I to XII from November 1, (Kerala Press) on www.schoolwiki.in portal.

THE CORE

The entire content in Malayalam that is provided by students, teachers, alumni and public. It includes elementary details and historic references to schools

THE ADDONS

Infrastructure data, famous alumni, school websites, school maps, blogs, various clubs and forums, class magazines, supporting images and videos.

NEW FEATURES

Special privileges for district administration, search articles alphabetically, facility to display Wikicomments, Wiki Editors, School Mapping using Open Street Map.

EARLIER AVATAR

School Wiki prepared using Wikimedia Foundation's Wikimedia software had become inactive within two years of its launch in 2009.

K Aravindan, the executive director of IT@School Project, said arrangements have been made to train teachers and students to use the School Wiki and ensure data security

Awards will be given to those schools which make use of and maintain School Wiki in an effective manner - Aravindan, Education Minister

2015ലെ സംസ്ഥാന ഐ.ടി. മേളയിലെ എച്ച്.എസ്. വിഭാഗം മത്സരത്തിൽ ഒന്നാം സ്ഥാനം ലഭിച്ച ചിത്രം

ചരായഗ്രഹണം **AKHIL CLEATUS**, Govt: Model Boys H.S.S. - Kollam (Kollam) Code 126

തിരുവനന്തപുരം കൊല്ലം പത്തനംതിട്ട ആലപ്പുഴ കോട്ടയം ഇടുക്കി എറണാകുളം തൃശ്ശൂർ പാലക്കാട് മലപ്പുറം കോട്ടയം

As on 08.03.2023, School Wiki features 1,52,423 Articles, 44,628 Users and 18,95,872 updates



E3 English Project to improve English skills of students from Classes 1 to 8

Samagra e-library

Digital copies of international quality English books will be made available in Samagra portal

e-language lab

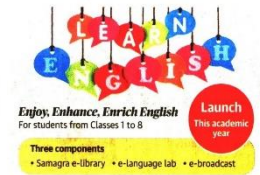
Language lab software for students to hear English, talk, read and write depending on their learning capability.

e-broadcast

This will include programmes on KITE VICTERS channel that will help students learn how to use English in practical situations through interactive mode.

E³ English to improve students' language skills

It aims at making use of facilities of Hi-Tech School and Hi-Tech Lab projects



STAFF REPORTER
THIRUVANANTHAPURAM
 The government has issued orders giving its nod for E³ (E-Cube) English, a project to improve English skills of students from Classes 1 to 8. E³ (Enjoy, Enhance, and Enrich) English will not only help students' command of the language but also make learning more fun. Following an improvement in technical facilities in schools with the implementation of the Hi-Tech School and Hi-Tech Lab projects as part of the Public Education Rejuvenation Mission and setting up of the Samagra digital resource portal to aid with academic improvements, E³ English

aims at making further use of these facilities to improve students' English fluency. E³ English will have three components. The first is Samagra e-library, which is a digital library of

international quality English books on the Samagra portal. Digital copies of books that children can enjoy and improve their language will be made available in this library.

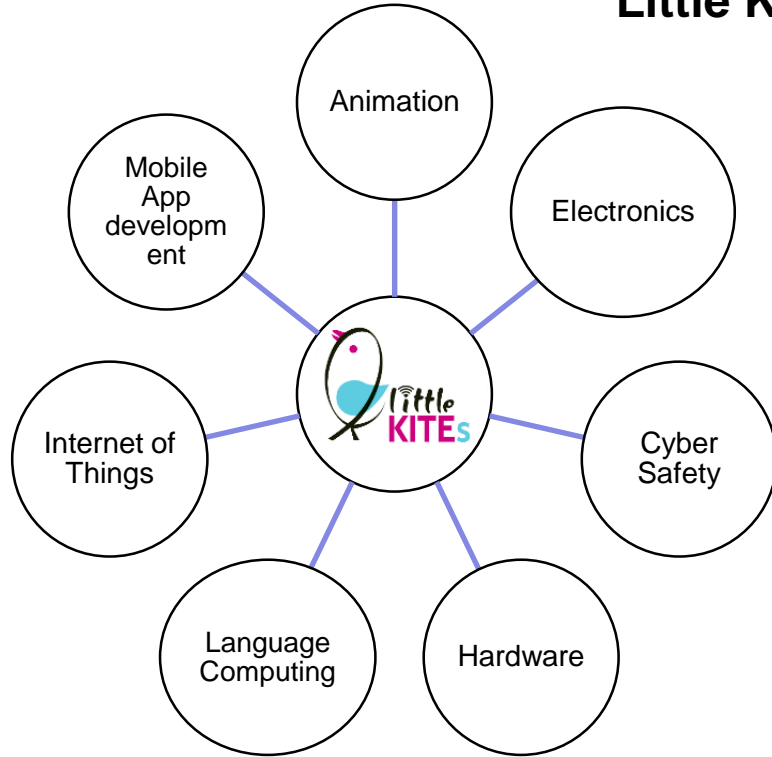
Next is e-language lab, which will have language lab software that will provide opportunities for students to hear English, talk, read, and write depending on their learning capability. The third component is e-broadcast. It will include programmes on KITE VICTERS channel that will help students learn how to use English in practical situations through interactive mode.

Monitoring
 The Kerala Infrastructure and Technology for Education (KITE) will monitor the technical aspects of the programme, while the State Council of Educational Research and

Training (SCERT) will take care of the academic aspects and their monitoring. Pratham books and mGuru will also be utilised. The project will be launched this academic year. Training for teachers will be held during the summer vacation. Once the academic session gets under way, the Director of General Education will monitor if teachers use it effectively in classrooms. Agencies such as the Samagra Shiksha Kerala, State Institute of Educational Management and Training, and State Institute of Educational Technology will use E³ English in all their English training programmes.



Little KITES IT Clubs



Major areas of training



Batch	No of Members
2018-20	57580
2019-21	57324
2019-22	56094
2020-23	59833
2021-24	63602
2022-25	62824
Total	357257



Students get trained in Artificial Intelligence, Robotics , Animation and much more

TAKING TO THE TECH WORLD

Technology floors the new generation, but there are hardly any efforts to create a platform for them to engage with it. The KITE state level camp, organised at Kalamassery recently, sought to plug that gap. The 231 Class X students drawn from state schools made the most of the start-up eco-system.

DC CORRESPONDENT
COCHIN, AUGUST 21

It was a rare meeting for bright little young minds in the start-up complex at Kalamassery as the second week of August aimed at introducing their entrepreneurial and innovative potential and to learn and equip themselves for bigger achievements.

The 231 Class X students drawn from state schools across the state after a two-level screening process, had their program for two days exploring the technology and electronics and possibilities which would revolutionise the world.

The students were brought to the startup complex by KITE (Kerala Infrastructure and Technology) under the Department of Information Technology, which gave the programme a Rapsberry Pi touch and some training in robotics and animation while making them to play with each to improve and innovate with their own ideas.

The camp was held at the state level start-up complex at Kalamassery, which gave the programme a Rapsberry Pi touch and some training in robotics and animation while making them to play with each to improve and innovate with their own ideas.

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Muhammed Hudaif of Markaz HSS, Karanthur, with his line plotter



Students working on their projects at the state level KITE camp organised in Kalamassery

THE CAMP VERY WELL DEMONSTRATED THE TREMENDOUS POTENTIAL OF OUR BUDDING TECHIES, ACCORDING TO K. ANWAR SADATH, VICE-CHAIRMAN AND EXECUTIVE DIRECTOR, KITE.

3-5 seconds. Another innovation presented by a team of students from a school in Kerala, was a smart agriculture fan for the field. The fan is operated from the mobile. The camp very well demonstrated the tremendous potential of our budding techies. K. Anwar Sadath, vice-chairman and executive director, KITE, will give video certificate for all the 231 students.

Little KITEs will be established in the school project implemented as part of the Public Education Improvement Initiative of the State Government.

It was after an elaborate process that KITE selected the students for the start-up camp. In his introductory school conference, the state-level camp across the state

responsibility. "Nowadays is the older generation who are the decision makers, which is not the need of the hour. It is the younger generation which has to take up the lead in a model which is successful in most developed nations," said Mr. Thammara.

In our nation, the political decisions are often taken by the older generation. It is the younger leaders who make a difference in this regard. It is the need of the hour to have a better future, which is to have young blood. They are the ones who can lead and inspire the nation for a better future. It is the need of the hour to have a better future, which is to have young blood. They are the ones who can lead and inspire the nation for a better future.

Experts classes on artificial intelligence, augmented reality and virtual reality were conducted. The students were trained in various fields like AI, Robotics, Animation, etc.

The camp was held at the state level start-up complex at Kalamassery, which gave the programme a Rapsberry Pi touch and some training in robotics and animation while making them to play with each to improve and innovate with their own ideas.

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D. Anandakrishnan of CGMHS, Chingappuram, with her smart solar harvest system

KITE ignites their passion

VINOD NEDUMUDY/DC
KOCHI, AUGUST 8

Muhammed Hudaif, Class X student of Markaz HSS, Karanthur, was 'plotting' with the device that he had developed using robotics at the Startup Complex, Kalamassery, on Thursday, shortly after General Education Minister Prof. C. Ravindranath left after inaugurating a camp for the techies of future.

The device was made by Muhammed using the Rapsberry Pi, a pocket-sized computer that the Kerala Infrastructure and Technology for Education (KITE) had provided him. The external components of the device were made using the parts of a CD drive, key board and cabinet. He developed the device using the facility at an Atal Tinkering Lab set up by the central government in a school nearby.

"This device could 'plot' pictures from an image on the screen on a paper down and in the larger application it can fix metal parts in a frame," said Muhammed. He is one among the many there.

One student showcased a Smart Cupboard, another a Smart Agriculture Field and yet another a Smart Eco Waste Basket, to name a few.



Students from various districts exhibiting their robotic innovations at Little Kite two-day state level camp at Kerala Startup Complex in Kochi on Thursday. - SUNOJI NINAN MATHEW.

The students numbering 231 have been brought to the Startup Complex by KITE under the department of education which gave the young ones a Rapsberry Pi each and some training in robotics and animation while asking them to play with each to improve and innovate their own ideas.

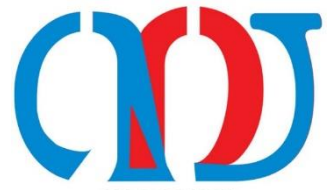
The bright young minds participated out of whom, 1143 were selected to participate in district-level 'Little KITEs' camp. Finally the 231 students were selected for the state camp based on their improvised and innovative technical output.

KITE vice-chairman K. Anwar Sadath and Startup Mission CEO Dr. Sajji Gopinath are heading the state camp.

KITE- eGovernance nodal agency of Education Department



Public database of all schools



Staff fixation and approval software



SAMETHAM School Data Bank

Academic and infrastructural details of Govt, Aided and Recognized UnAided schools in Kerala.

www.sametham.kite.kerala.gov.in

Data up to 08 Jun 2022

9865
LP, UP Schools

3145
HS Schools

2077
HSS Schools

389
VHSE Schools

Type	LP	UP	HS	HSS	VHSE	Total
Govt	2628	868	1203	852	261	5812
Aided	3890	1865	1431	846	128	8160
Unaided Recognised	344	270	511	379	NA	1504
Total	6862	3003	3145	2077	389	15476

Students Strength 2022-2023

Data up to 08 Jun 2022

2,559,536
LP, UP Students

1,273,863
HS Students

766,808
HSS Students

59,030
VHSE Students

RELATED LINKS

KITE

SAHITHAM Student Assessment Programme

SAHITHAM

**HOLISTIC STUDENT ASSESSMENT PROGRAM - EDUCATION REJUVENATION MISSION
GOVT OF KERALA**

- Enhance Teacher student relationship
- Enable teacher to understand the gaps in students learning
- Enable student to learn to be the right fit for current time.

Username

Password

Sampoorna login

Login

[Sign Up](#) [Forgot Password?](#)

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The Mentor teacher gets to closely observe, study and record online the academic improvement of each student along with their the socio-linguistic skills, social awareness, scientific aptitude etc.

In addition to that, teacher would be able to plan necessary corrective learning activities by understanding the learning difficulties of students by observing their social background




SAHITHAM Welcome School Admin

Dashboard


Mapping

Manage Mentors

Welcome L. P. S. Pothappally



MENTOR MENTEE MAPPING



MANAGE MENTORS

SAHITHAM – Head Masters Mapping the Mentors

SAHITHAM Welcome School Admin

Dashboard

Mapping

Manage Mentors

Manage Mentors L. P. S. Pothappally

#	Name of Teacher	Teacher Type	PEN	Username	Mobile No.	Status	Action
1	GIRIJA N MADHAVA	Permanent				Approved	✖ ⋮
2	SUNITHA A M	Permanent				Approved	✖ ⋮
3	RASHEEDA BEEGOM	Permanent				Approved	✖ ⋮
4	JALAJA S	Permanent				Approved	✖ ⋮
5	SANDHYA KUMARI T V	Permanent				Approved	✖ ⋮
6	NISHAMOLE R	Permanent				Approved	✖ ⋮

SAHITHAM Welcome School Admin

Dashboard

Mapping

Manage Mentors

Mentor Mentee Mapping L. P. S. Pothappally

Class: Division: Sync Samporna

Teacher List 5/6

- SUNITHA A M ✔
- RASHEEDA BEEGOM ✔
- JALAJA S ✔
- SANDHYA KUMARI T V ✔
- NISHAMOLE R ✔

Teacher

GIRIJA N MADHAVA ✖

Students 2/1

- ADILEKSHMI R ✖
- AKSHAY JAYAN ✖
- ANAMKA D ✖
- ANASWAR R ✖
- ANUSREE D ✖
- ATHULYA A ✖
- AVANIKA J ✖
- DEVADETH P ✖
- DURGADATHAN R ✖

Student List

Save Clear





Assessment

← Back



Name AAYUSH S
School 35329-L. P. S. Pothappally

Class
Assessment Period

1- A
2020-Feb

സാമൂഹിക ശ്രമങ്ങൾ 3/10
മധ്യമം 2/4
English 0/4
തമിഴ് 0/5
സാമൂഹികശാസ്ത്രം 2/2
ശാസ്ത്രശില്പം 2/2

Skills	Level 1	Level 2	Level 3
മുറ്റത്തുപുറം ബുക്ക് പ്രകടിപ്പിക്കുക.	<input type="radio"/> എല്ലാ സാമർത്ഥ്യം സാധ്യമാണ്.	<input type="radio"/> ചില സാമർത്ഥ്യം നിലവിലുണ്ട്.	<input type="radio"/> സഹായം ആവശ്യമാണ്.
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മുറ്റത്തുപുറം സാമർത്ഥ്യം പ്രകടിപ്പിക്കുക.	<input type="radio"/> എല്ലാ സാമർത്ഥ്യം സാധ്യമാണ്.	<input type="radio"/> ചില സാമർത്ഥ്യം നിലവിലുണ്ട്.	<input type="radio"/> സഹായം ആവശ്യമാണ്.
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Mentor Review Comments

Enter additional information

Reset

Save

SAHITHAM –Teachers assessing Students



Assessment

← Back



Edit Details

Name AAYUSH S
Address PADANNAYIL THEKKATHIL, THAMALLAKKAL
Email
Occupation of guardian DRIVER
Guardian annual Income
Parents help in learning? NO
Facilities for studying in house? NO
Hobbies?

Class No 1A
Contact No
Name of Guardian SUNIL KUMAR
Qualification of guardian HSE
Living with parents? YES
Living in own house? YES
Interested area
Support needed area?

Assessment Period 2020-Feb

സാമൂഹിക ശ്രമങ്ങൾ

എല്ലാ ഹോമിംഗ് സാധ്യമാണ്. ചില സാമർത്ഥ്യം നിലവിലുണ്ട്. ചില സാമർത്ഥ്യം നിലവിലുണ്ട്.

മധ്യമം

എല്ലാ പാഠങ്ങൾക്കും സാമർത്ഥ്യം നിലവിലുണ്ട്. ചില പാഠങ്ങൾക്ക് സാമർത്ഥ്യം നിലവിലുണ്ട്. ചില പാഠങ്ങൾക്ക് സാമർത്ഥ്യം നിലവിലുണ്ട്. ചില പാഠങ്ങൾക്ക് സാമർത്ഥ്യം നിലവിലുണ്ട്.



Assessment

← Back



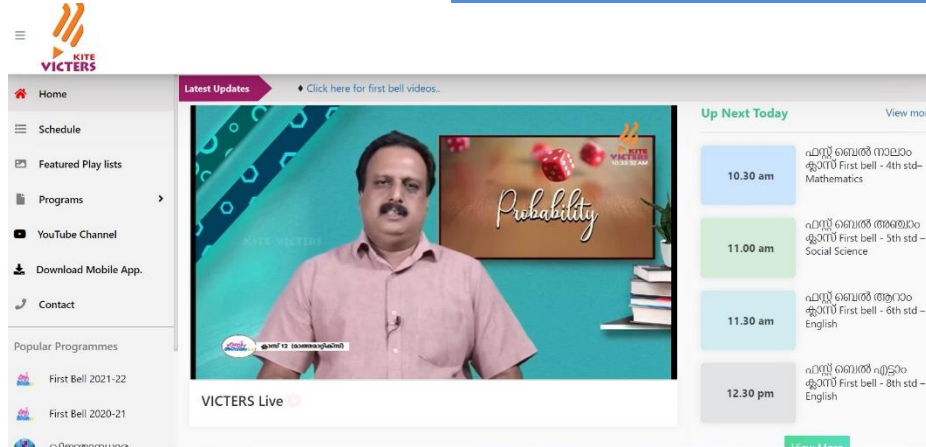
Name AAYUSH S
Class 1A
Guardian occupation DRIVER
Guardian Name SUNIL KUMAR
Guardian annual Income
Guardian qualification HSE
Living with parent? YES NO

Parents help in learning? YES NO
Living in own house? YES NO
Facilities for studying in house? YES NO
Interested area Other (Mention below)
Hobbies
Support needed in Other (Mention below)

Save

VICTERS – The complete educational channel

www.victers.kite.kerala.gov.in



- Operational since 2006- Telecasts 24/7.
- Educational program- First Bell Digital Classes
- Available in all DTH & Cable networks
- Overs 93% households in Kerala covered.
- Contents developed by Inhouse teams & teachers.
- Tie-ups with institutions and media firms.
- YouTube channel has over 3.34 Million subscribers.



VICTERS Plus– The 2nd channel



- KITE VICTERS Plus logo released by Chief Minister on 23.09.2021.
- Test transmission commenced from September 2021.
- Launched for maximizing the reach of Digital Classes and to ensure telecast of more classes for Students.

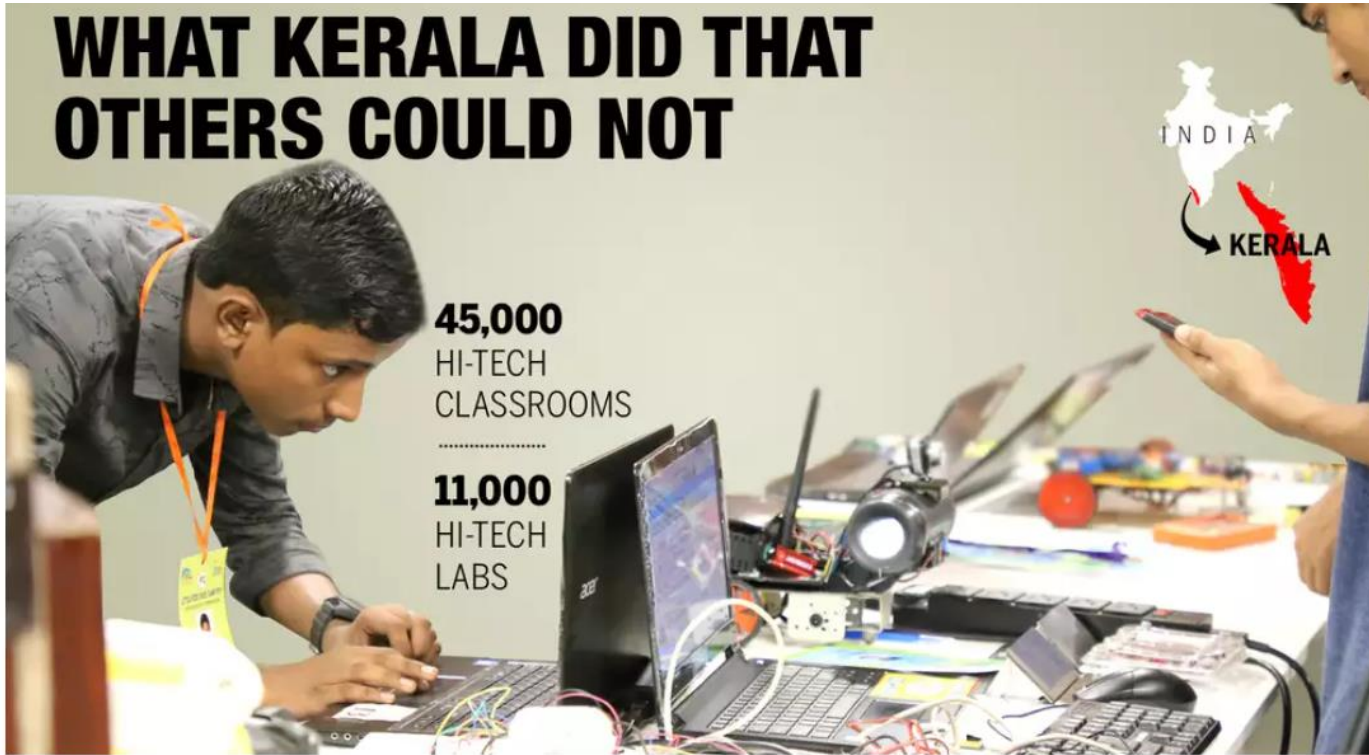


WHAT KERALA DID THAT OTHERS COULD NOT



45,000
HI-TECH
CLASSROOMS

.....
11,000
HI-TECH
LABS



<https://timesofindia.indiatimes.com/india/what-kerala-did-that-others-could-not/articleshow/78783667.cms>



First Bell Digital classes through KITE VICTERS channel



THE NEW INDIAN EXPRESS
MONDAY, JUNE 22, 2020



We record each educational video with our students. Even in a moment like this, it's easier for us to make attractive and answer those questions, we know they'll have Anuja MU, Teacher



SOME BIG NUMBERS
27.7% of data was downloaded in a single day from the VICTERS website. The subscriber base of the YouTube channel crossed 1 million and 50 lakh people downloaded their mobile app during that period



MAKING IT PERFECT
The second phase of First Bell courses began on June 15. A pilot was conducted across the state to assess the platform and to get feedback from students and teachers. The feedback was used to make necessary changes to the platform and to ensure that the content was of high quality and that the support was available to all

1.2L

KITE has deployed over 1.2 lakh videos and 70 lakh teachers in schools for students



BELL'S AN ALL-ROUNDER
The First Bell programme is broadcast live through the KITE VICTERS channel and Facebook. In addition to this, the classes are also available on the 'Bell for class' app and a whole lot of people watch it there

8/9

Latest trends on campus | Kerala Infrastructure | itvicters - YouTube

https://www.youtube.com/watch?v=itvicters

HOME VIDEOS PLAYLISTS COMMUNITY CHANNELS ABOUT

Amia Riaz takes a closer look at the Kerala government's carefully crafted online education platform that attempts to incorporate students from all social circles into the programme and attempts to bridge the apparent digital divide in the education sector through planning

Welcome to your digital classroom

In addition to the classes on TV, teachers support their students. A class teacher who may have around 30-40 students, can continuously monitor their progress through the Bell for class app, which helps them track the social and academic background of a student and bridge the gap. They decided to cut the same model, but with extra care. We made sure of how many children were not able to access these platforms either from the very beginning, we have been clear about the fact that this is an alternative to school. This is to help students till that gap before entering the schools and from this programme."

To ensure this promise, every public organisation like the Kochi-based NSS, Local Self Government, PTA associations and NGOs have been mobilised to ensure that internet access reaches the home of every student in schools, 1.2 lakh teachers, 1000 properties, 4,000 individuals are available that are offered up to those who need it. The state has also introduced schemes to distribute TV, laptops and other gadgets to people's homes.

The digital divide
Despite the promise, the digital divide reared its ugly head in many parts of Kerala, especially in rural areas where broadband and internet connections are unaffordable. A few teachers began personally visiting the homes of those who were in most need of support. "During school hours, we also offer a few tips on what students can do in the rest of the day. This is a thoroughly blended programme."

Budget gains
Following the introduction of the classes, Kerala witnessed a well-received increase in the purchase of gadgets.

u leapu
The digital divide reared its ugly head in many parts of Kerala, especially in rural areas where broadband and internet connections are unaffordable. A few teachers began personally visiting the homes of those who were in most need of support. "During school hours, we also offer a few tips on what students can do in the rest of the day. This is a thoroughly blended programme."

itsvicters
590K subscribers

School time
From June 15, the video classes on new subjects were broadcast during the school hours directly through the schedule for classes are from 8:30 am to 5:30 pm

Language learners
In the second phase, the programme has introduced Tamil and Kannada classes which were prepared by the Pottaiyil, Kottayam and Malabar district officers of KITE

Continued on Page 10-11

Interim arrangement for regular classes in wake of Covid-19 pandemic

Broadcast through VICTERS along with Facebook LIVE and YouTube channel

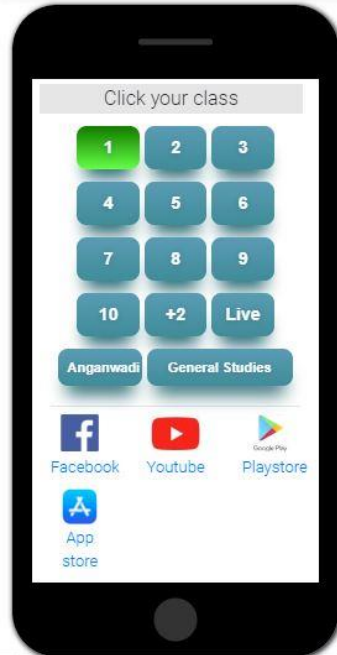
18000 Digital Classes prepared by teachers & all contents FOSS based

From 01.06.2020 to 30.05.2022





First Bell Digital Classes through KITE-VICTERS



Class: 1 Subject: All Subjects Total Videos: 65



KITE VICTERS STD 01
Malayalam Class 58
Malayalam



KITE VICTERS STD 01
Mathematics Class 57
Mathematics



KITE VICTERS STD 01
English Class 56
English



Quick Links
G.O - First Bell
Circular - KITE
G.O - LSGD Dept.
Telecast Schedule
Time Table 7th October
Telecast Rights

- We could achieve this as a result of our various programs spanning over a decade.
- First Week was Trial run followed by Actual classes which started from 2nd week of June 2020

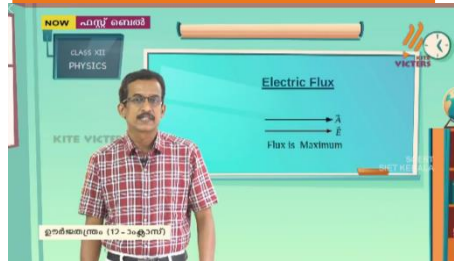


Government's 3 pronged approach to Digital Classes

Pre-Corona Stage

First Bell Digital Classes

Only an interim arrangement
and not an alternate to
classes.



Not even a single
student should be
left out

Ensuring
access

Class teachers have to
do the follow-up on a
regular basis

Social media
groups

Over Phone

Direct or
Through
counselling

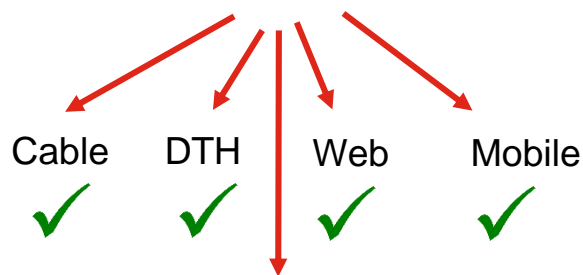
Worksheets



Ensuring Access to All

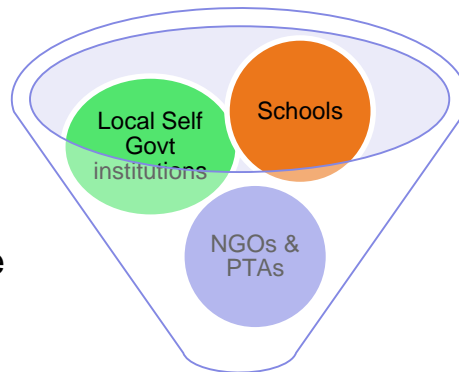
Not even a single student should be left out

Availability of KITE VICTERS channel



facebook ✓

YouTube ✓



Laptop / TV Challenge for deprived



Number of students deprived of Television or Laptop at home



Reach of First Bell

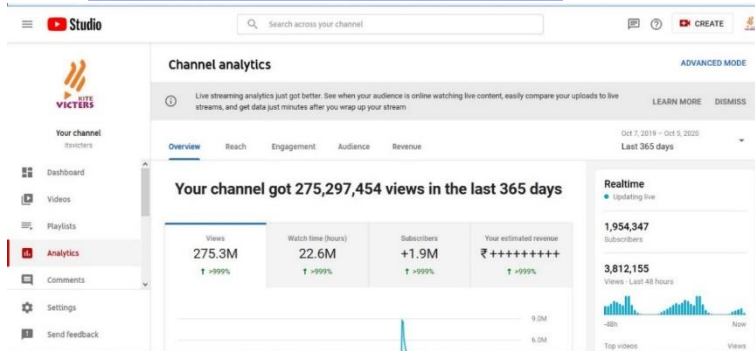
Huge hit in Social Media



442 TB data reported from 141 countries

3.4 Million subscribers for YouTube channel

Daily Average viewership of 5.4 Million



Major achievement

■ KITE Victers web-stream accessed from 141 countries

■ 15 crore monthly views for Victers YouTube channel

■ ₹15 lakh in monthly YouTube advertisement revenue



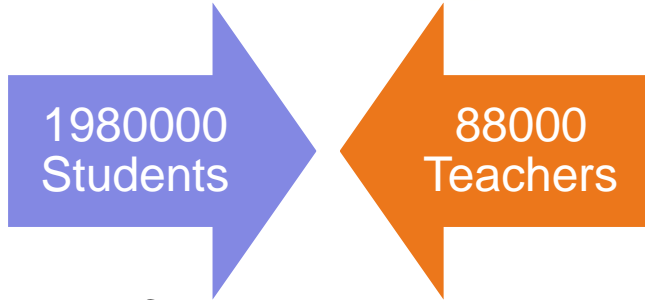
■ Support for decentralised content generation from 2,000 schools

■ General sessions, including sports, from August

Online education programme completes 1,000 classes

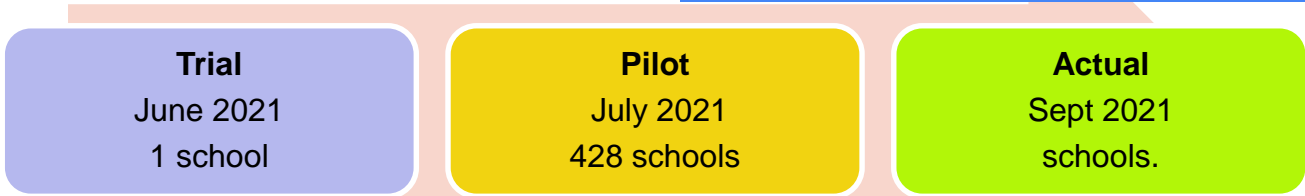


Google Workspace for Online Classes



Classes 8,9,10, 11& 12
5321 schools
2906 HS, 2026 HSS & 389 VHS

The top part shows a screenshot of the Google Classroom interface with three class cards: "History of Psychology 305" (28 students, Homework 5 due Tuesday), "Introduction to AI 300" (23 students, Introduction Assignment due tomorrow), and "Statistics 205" (28 students, Homework 3 due Monday). Below this is a blue banner with the Classroom 101 logo and the text "Classroom 101 Google for Education".



Haritha Vidyalayam Education Reality Show-Season 3

- 1st of its kind in the Country
- Platform for schools to showcase unique initiatives & best practices,
- 1st Prize-20 lakhs
- 2nd Prize-15 lakhs
- 3rd Prize-10 lakhs
- 1st Edition held in 2011
- 2nd Edition held in 2017
- All videos available at www.hv.kite.kerala.gov.in

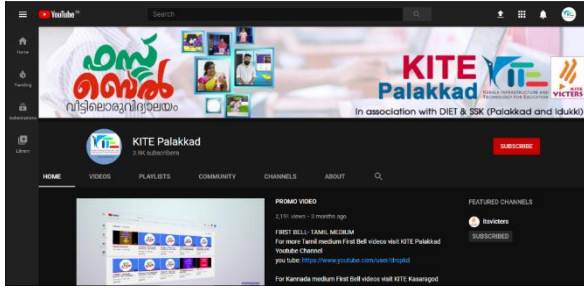
753 schools
applied

109 schools
1st round

20 schools
2nd round



Supporting those who are needy and special



YouTube channel for Tamil Classes for students in Idukki and Palakkad districts



White Board Project

- 0.125 Million differently abled students
- 2500 Resource Teachers
- Class videos uploaded in specific YouTube channel.

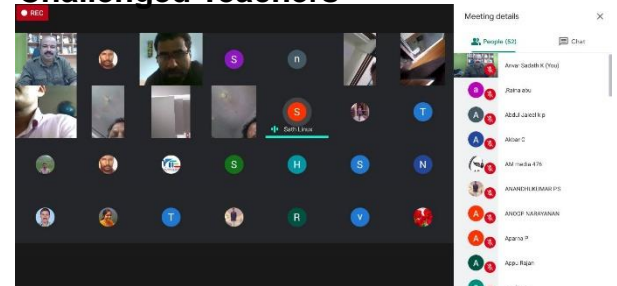
Inaugurated the Online Advanced Computer Training for Visually Challenged Teachers



Kerala Begins E-Learning In Tribal Dialects For Students In Wayanad

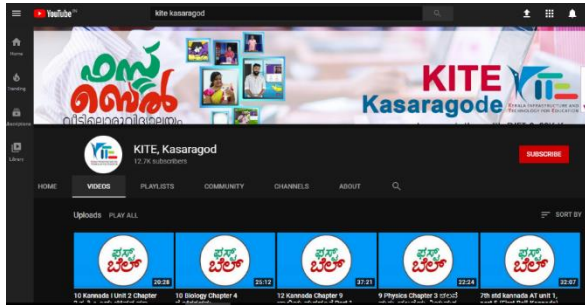
Under the project Implemented by Samagra Shiksha Kerala (SSK), the mentors translate the Malayalam content aired through the government-run education channel Kite Victors, into tribal dialects.

The Logical Indian Crew
Kerala | 13 July 2020 / Updated : 14 July 2020 9:06 AM



Mazhivil Poovu Project for Tribal Students

- Classes prepared in 13 Tribal languages
- 2500 Resource Teachers
- Class videos uploaded in YouTube



YouTube channel for Kannada classes for students in Kasaragode district

ICT Training for Mothers



- Little KITEs students provides the ICT training for Mothers.
- Focusses on Safe usage of Smart phones & Internet, Password, OTPs, PIN,
- Fake news identification and prevention, Cyber Attacks, Online transactions etc
- Over 3 lakh mothers trained so far.

District Wise No of Parents Trained		
Sl no	District Name	Total Till Today
1	Thiruvananthapuram	26915
2	Kollam	23222
3	Pathanamthitta	13111
4	Alappuzha	23204
5	Kottayam	18935
6	Idukki	9650
7	Ernakulam	27576
8	Thirissur	23015
9	Palakkad	24151
10	Malappuram	130883
11	Kozhikode	23655
12	Wayanad	10127
13	Kannur	21465
14	Kasaragod	19307
Total Number of Parents Trained:		395316



Mobile Film making workshop for Teachers



Training in Film Making using Mobile (a 7 day course) was given to 30 selected teachers during Sept- Oct 2019



IT Fest for Students and Teachers



Animation, scratch progs now part of school IT fest

TIMES NEWS NETWORK

Thiruvananthapuram: Keeping in tune with the hi-tech school drive, the state school IT fest this year would feature new items such as animation creation and scratch programming.

The existing IT quiz, digital painting and webpage creation items in high school and higher secondary divisions would remain unchanged. However, project presentation has been substituted with multimedia presentation. Contestants would be given a specific theme just before the time set for the contest.

The contestants would have to create an animation of not less than 20 seconds within a time of one hour using TupiTube Desk software and the topic of the animation would be provided to them 10 minutes prior to the test. Another new competition item for the IT fest is the scratch programming, developed by MIT (Massachusetts Institute of Technology), USA using which students have to create games and animations. With the introduction of new items in the IT fest from

HI-TECH SCHOOL CONTEST

- ▶ **Contestants would be given a specific theme just before the time set for the contest**
- ▶ **The contestants would have to create an animation of not less than 20 seconds within a time of one hour using TupiTube Desk software and the topic of the animation would be provided to them 10 minutes prior to the test**
- ▶ **Another new competition item for the IT fest is the scratch programming,**

developed by Massachusetts Institute of Technology (MIT), USA, using which students have to create games and animations

- ▶ **In a step to encourage the teachers, who voluntarily develop ICT educational resources, the teachers would have to create digital contents aligning with the learning objectives in the prevailing textbooks and which can be transacted within a regular period's time**

this year, the competition items for high school section would increase from 6-7 while that in higher secondary section it would increase from 5-7.

In a step to encourage the teachers, who voluntarily develop ICT educational resources, this year onwards, the State IT Fest would feature a competition exclusively for teachers on ICT training aids. For this, the teachers would have to create digital contents aligning with the learning objectives in the prevailing textbooks and which can be transacted

within a regular period's time.

As many as 19,000 students from 6,200 schools had participated in the sub-district IT melas, in the previous years. Similarly, 4,150 students and 308 teachers had competed in the district-level and state-level IT fests, respectively. All the competitions in the state IT fest would be conducted entirely in free software platform. KITE had deployed necessary software and learning modules in schools with which all students with aptitude and skills can be participated.

Total of 7 competition items in IT Fest, including newly added Animation & Scratch programming

Spot demonstration as part of Multimedia Presentation

First of its kind Competition for Teachers- 'ICT Training Aids' added to the event.

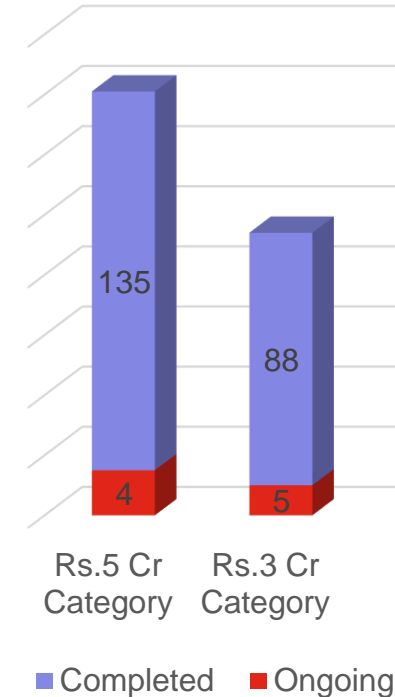


Infrastructure upgradation of schools and colleges

- Elevating Govt Schools into 'Centres of Excellence'
- Transforming education for enhancing life skills.
- Regaining primacy of public education system through participatory approach at grass-root level



Status of Infra Projects



Some of National and International Recognitions for KITE includes



CM's Award for Innovations in Public Policy 2022

"Little KITEs" & "First Bell" Digital Classes



Technology Sabha Award 2022

Samanwaya Online Software



World Education Summit Award 2022

Platform for online classes



**Stockholm Award
(Honorable mention)
2010**

IT@School



Technology Sabha Award 2022

Platform for online classes



CIET-AICEAVF 2018

Award for Best Video programme in
Senior Secondary division



World is Open Award 2008

IT@School



National eGovernance Award 2006

IT@School



Thank You



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KITE

Office of IT@School Project

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