



KITE

Kerala Infrastructure and Technology for Education



Updated on 21.07.2026

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)	859
Total population (million)	33.40
Male population (million)	16.01
Female population (million)	17.36
Sex ratio (females per 1,000 males)	1,084
Literacy rate (%)	94.0
No of Schools/Students/Teachers	16,349/ 48 L / 2 L
Tops National School Education Quality Index	
Tops in Overall Health Index	
Tops in key sustainable development goal	
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, സംഘനസൗകര്യങ്ങൾ തുടങ്ങിയവയുടെ പ്രയോജനം ഉറപ്പുവരുത്തുക.

- സംസ്ഥാനത്തെ വിദ്യാഭ്യാസ സ്ഥാപനങ്ങളെ അന്താരാഷ്ട്രതലത്തിലേക്ക് ഉയർത്തുന്നതിന് അനുയോജ്യമായ ഭൗതികസൗകര്യങ്ങൾ, വിഭവങ്ങൾ, പാഠ്യപദ്ധതി, ബോധനനന്ത്രങ്ങൾ 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. Imparting various subject and syllabus wise trainings for teachers through KOOL, (KITE's Open Online Learning) the MOOC model training platform 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 Sampoorana School Management Software, Sahitham Mentoring Portal, Sametham School Data Bank, Samanwaya Online Appointment approval etc.
14. Creation of ICT textbooks for all classes.
15. Operating the KITE VICTERS educational channel and Studio complex 24 x 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

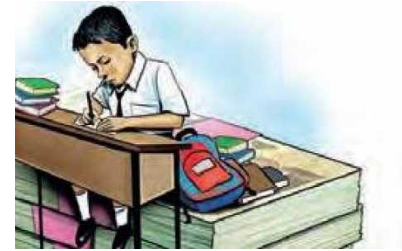
Few computers in some schools. No standardization in specifications.

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.



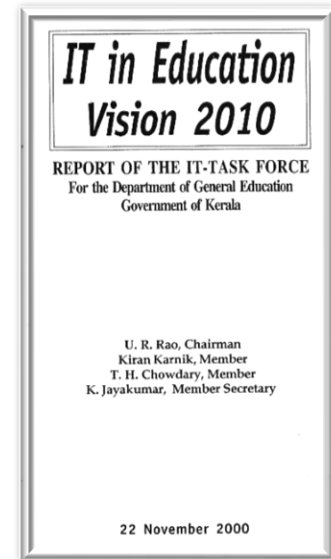
Government Intervention

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.

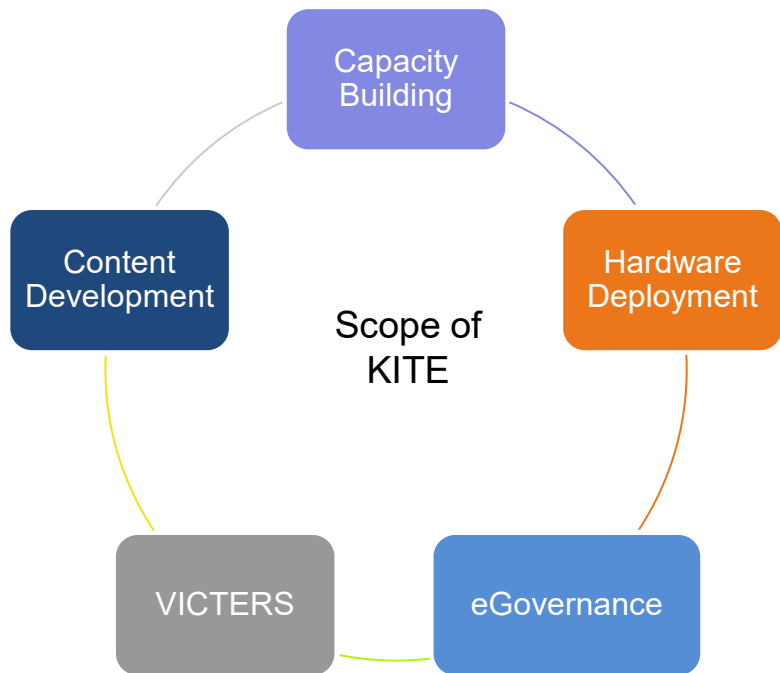


Kerala- Leading the way in Digital Education

1. First State to introduce ICT as a Subject in School Curriculum (2001- 2003).
2. Only State where students write machine-based exam in 10th Board Exam.
3. World's largest deployment of FOSS in education in a particular territory.
4. First State to start a complete educational channel KITE VICTERS (2006).
5. First State to be Fully Digital in General Education (2020).
6. First State to establish Robotic Labs in 2000 schools- 12 lakh beneficiaries (2022).
7. First State to start a Resource portal (Samagra) fully in tune with pedagogy (2018).
8. Only State to have Smart class rooms (45000) for all classes from Std 8 to 12.
9. Only State to have Broadband internet connectivity in all schools.
10. India's largest ICT Network of students – Little KITES IT Clubs.
11. Only State that mandates teachers to pass an online course for probation (KOOL).
12. First State to have a complete eGovernance System for General Education Department.



2 ½ decades of Interventions in ICT@ Education



2000	IT@School Project initiated
2003	IT made a Compulsory Subject in Class 8
2007	Complete Shift to FOSS platform
2010	IT to ICT enabled education
2017	IT@School made KITE, a Section 8 Company
2018	Hi-Tech School project- 45K Hi-Tech Classrooms & Little KITEs
2019	Hi-Tech Lab Project- 11K Hi-Tech Labs
2020	First Bell Digital Classes during Covid
2022	Ecube English & Cyber Safety Programmes
2023	Robotic Kits & Fake news & Fact Checking Training
2024	Artificial Intelligence (AI) Training
2025	Own AI Engine and Robotics in School Syllabus



Scope of KITE

15369
schools

43.62 Lakh
students

1.65 Lakh
teachers

Schools

Data updated on 24 Jun 2025

9,778
LP, UP Schools

3,137
HS Schools

2,065
HSS Schools

389
VHSE Schools

Students Strength 2025-26

Data updated on 24 Jun 2025

22,81,589
LP, UP Students

12,53,113
HS Students

7,70,995
HSS Students

56,073
VHSE Students

Teaching Staff

83,288
LP, UP Teachers

45,138
HS Teachers

30,224
HSS Teachers

5,945
VHSE Teachers

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

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

1.80 lakh
student
members
2000+ units

- Little KITES IT Clubs

Largest Student ICT network in India



Empowering Students, Teachers, Parents, Administrators & Public

Training for teachers through KOOL

Training for Little KITES students

Visual Media Literacy

ICT Training for Parents

Cyber Safety Training

Artificial Intelligence (AI) Training

Academic Monitoring through Samagra



Holistic approach in integration in a single eco-system

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

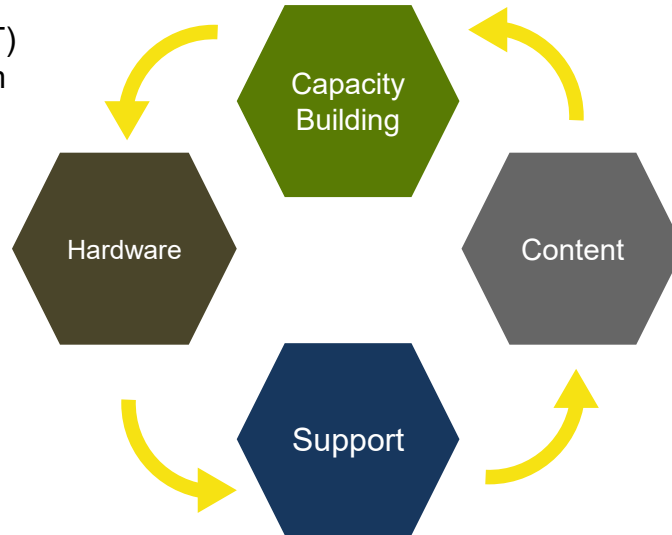
Teachers themselves became Trainers.
No external IT resource engaged.
Trainings for Teachers, Students,
Parents and Public.
Training in ICT, Hardware and
Content Development.

Hardware Deployment

Deployment of ICT hardware.
Broadband Connectivity.
Call center & Web portal support.
Hardware Clinics.
ICT guidelines for schools.
eWaste disposal program.

Support systems

eGovernance.
VICTERS educational channel.
Little KITEs IT clubs.
School Wiki.
eCube Language Lab.
Sahitham Mentoring Portal.

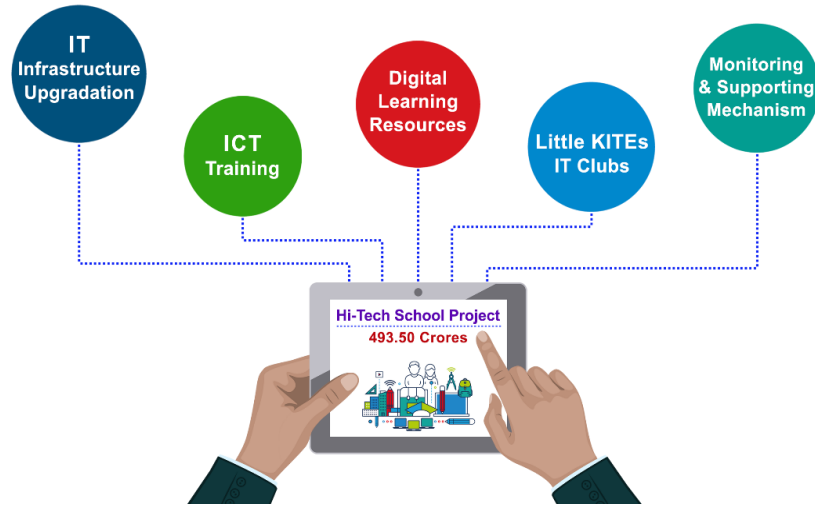


Empowering existing Teachers themselves to teach IT

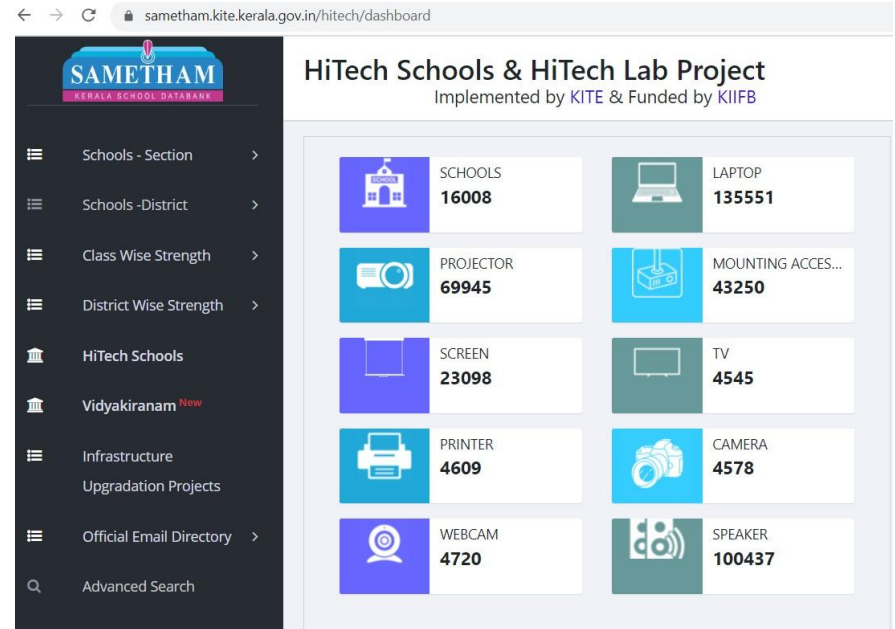
- Existing subject teachers in schools were trained to teach IT & ICT for their colleagues.
- Capacity Building for teachers was the key focus area.
- Specific training modules for teacher empowerment.
- KOOL- KITE's Open Online Learning
(MOOC based training platform for teacher trainings.)
- 60,283 teachers trained so far.



Ensuring sufficient ICT Infrastructure in schools



- Rs.793.50 Cr Hi-Tech projects in 16009 schools
- 4.50 lakh ICT equipment deployed to schools.
- All equipment have 5 years Comp Onsite Warranty
- Call center, Web portal & Insurance coverage.
- Strict guidelines for ICT hardware in schools.
- AMC Support to equipment beyond Warranty period.



Details of ICT equipment in schools available in Sametham portal-school / district wise

Ensuring sufficient ICT Infrastructure in schools

Hi-Tech school Project in 4752 Secondary Schools (Class 8 to 12)



- 45000 Classrooms from Std 8 to 12 made Hi-Tech featuring Laptop, Projector, Screen, Sound System, Internet Connectivity & access to Resource Portal
- Rs.493.50 Cr funding from KIIFB
- Implemented during 2017-2019.

Hi-Tech Lab Project in 11257 Primary Schools (Class 1 to 7)



- Hi-Tech Labs setup in 11257 Upper Primary & Lower Primary schools.
- 54916 Laptops & USB Speakers, 23050 Projectors deployed
- Rs.300 Cr funding from KIIFB
- Implemented during 2018-2020

Robust support mechanism for ICT hardware in schools



Hi-Tech School Programme Monitoring System (HTSPMS)



School
hss-5001

HOME COMPLAINTS PRODUCT LIST SCHOOL PROFILE USER SETTINGS LOGOUT

COMPLAINTS

TOTAL COMPLAINTS 4

PENDING 0

CALL REGISTERED 0

PARTIALY SOLVED 0

RESOLVED 0

RE ASSIGNED 0

CLOSED 4

PRODUCT LIST

Total Items 57

PRODUCT	TOTAL
CEILING MOUNT KIT, GMPL	8
FACE PLATE, GMPL	8
HDMI CABLE 10 Mtr, ANTRAX	8
LAPTOP, ACER	8
LAPTOP (FOR LAB), ACER	4
NETWORK, KELTRON	1
PROJECTION SCREEN, LIBERTY LITE	4
PROJECTOR, ACER	8
USB SPEAKER, iBall	8

CALL CENTER TOLL FREE PHONE NUMBER

1800 4256 200

USER MANUAL FOR SCHOOL


CallCentre



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

2- member technical support team positioned in each of the 14 Districts

All ICT equipments have a 5-year warranty.
Insurance coverage provided to over 4.50 lakh ICT equipments
Broadband internet Connectivity provided to all schools

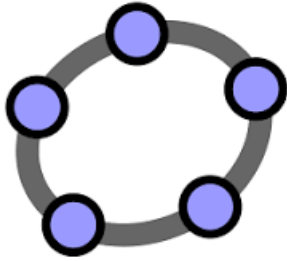
- Amitabh Kant** @amitaabh87
- Kerala schools to save Rs 3,000 crore by using Linux OS.
Envisages largest ICT training for teachers, with training of over 1,50,000 primary teachers. From the next academic year, more than 2,00,000 computers in Kerala schools. financialexpress.com/industry/tech/... via [@FinancialXpress](#)
- 
- 8:39 AM · May 14, 2019
- 154 Reposts 17 Quotes 550 Likes 4 Bookmarks

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
GNUKghata	Financial accounting
Kalzium, PhEt, RasMol, Chemical, KStars	Science
Quantum GIS, GPlates	GIS
Geogebra	Mathematics
Sunclock, 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
EET	Timetable generator

List of applications pre-loaded in OS



Collaboration with International Agencies & Universities for customizing FOSS applications pre-loaded with OS



GeoGebra

By University of Salzburg



Scratch

By Massachusetts
Institute of Technology (MIT)



PhET

By University of
Colorado Boulder



GCompris

By GNU Project



Customised Linux based Operating System for schools

KITE/GNU Ubuntu 22.04



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 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.

കെരളിന്റെ സ്വതന്ത്ര കെ.എസ്. ഇനി വിദ്യാർത്ഥികളുടേത്

പുതിയ സ്വതന്ത്ര ഓപ്പറേറ്റിങ് സിസ്റ്റം സ്വീകരിച്ചു മികസ് 22.04 തയ്യാറാക്കി



ഇതിന് പകരം കെ.എസ്. ഇനി വിദ്യാർത്ഥികളുടേത്

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

Content in tune with pedagogy

SAMAGRA Resource Portal



WELCOME TO SAMAGRA PLUS

Repository of Digital Resources for Enhancing Learning

Enrich your knowledge and competency with Samagra's comprehensive, diverse, assessment integrated and accessible teaching learning resources.

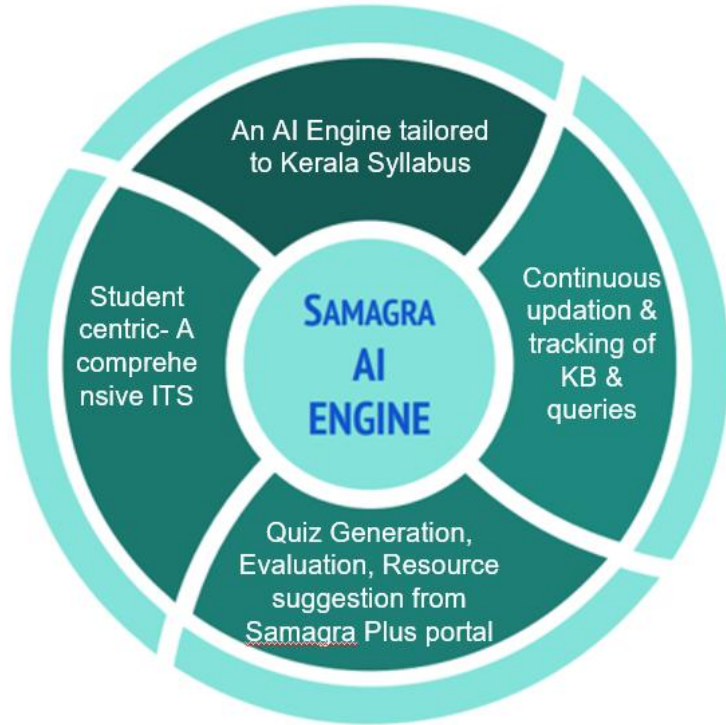
LEARNING ROOM **PODCAST**

- Activities for Teachers**
Activities in tune with Curriculum
- Learning Room**
Digital Learning Room for Students
- Question Pool**
Compilation of Assessment Questions

www.samagra.kite.kerala.gov.in

- Providing necessary digital materials according to Lesson Plans of Teachers.
- Digital resources for all Subjects across all classes (Class 1 to 12).
- All content developed by teachers using FOSS tools.

SAMAGRA Plus AI- Kerala's Indigenous AI Engine



Wed Dec 4 17:05:04 2024

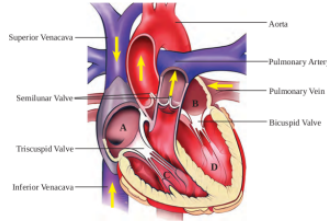
 Samagra AI - Chat Response

According to the textbook excerpt, the human heart has four chambers: right and left atria, and right and left ventricles. The ventricular septum divides the heart into right and left halves.

The upper chambers, the atria, receive blood from the body and lungs, respectively. The lower chambers, the ventricles, pump blood out of the heart to the rest of the body.

The heart also has four valves that help direct blood flow and prevent backflow. The tricuspid valve is located between the right atrium and right ventricle, while the bicuspid valve is located between the left atrium and left ventricle. The semilunar valve is present at the beginning of the aorta and pulmonary artery, preventing backflow of blood from these arteries into the ventricles.

An image shows the structure of the human heart is available here



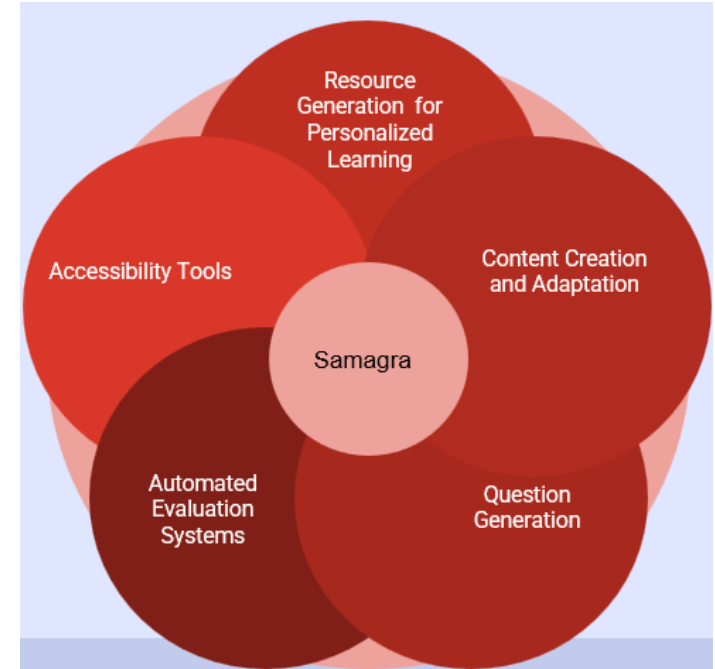
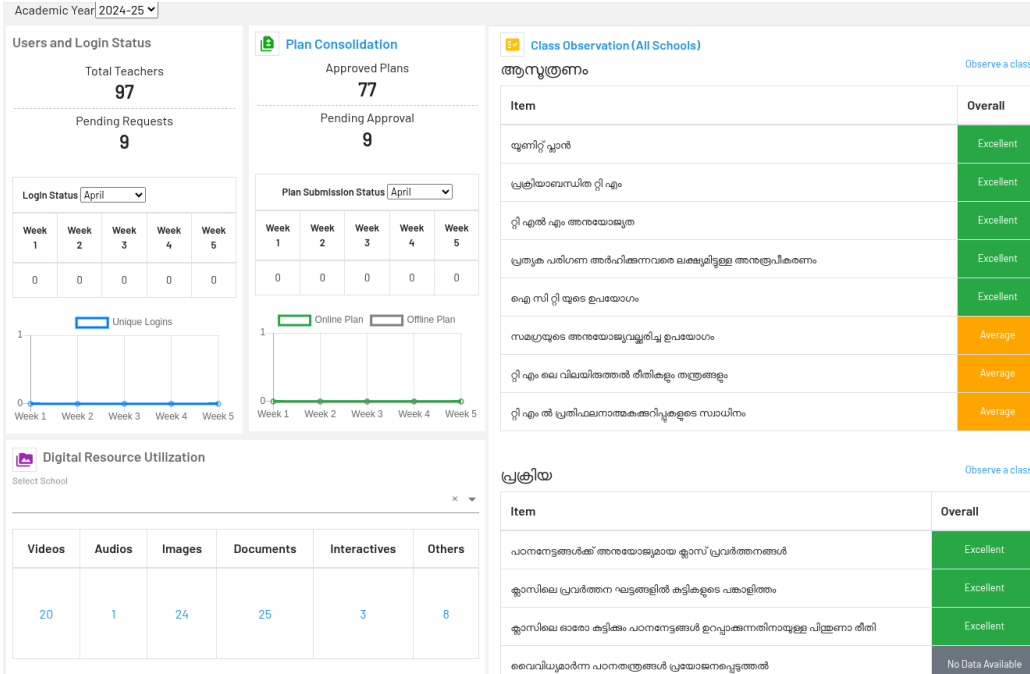
Hint

Chambers of the heart	A. Right atrium	B. Left atrium
	C. Right ventricle	D. Left ventricle

Illustration 2.12 : Structure of the heart

, and an interactive resource for studying the structure of the heart and its chambers, valves, and blood vessels is available here [Interactive Content](#).

Our own AI Engine developed and prototyped. Samagra Plus AI platform



Empowering Education and Innovation with Samagra AI Tools

Revolutionising Education through AI Powered Tools and Innovations

Chat BOT

An intelligent AI assistant designed to provide instant and accurate answers to all your academic and administrative queries



Quiz Generator

Create dynamic, engaging quizzes effortlessly to evaluate student understanding and improve learning outcomes



Teaching Manual

Generate comprehensive, well-structured teaching content and lesson plans that align with curriculum standards to enhance classroom efficiency.



Let's Talk

Let's Talk is an AI-powered voice interaction module that enables students to discuss topics, receive real-time feedback, and improve their speaking skills effectively.



Topic Finder

Break down complex topics into concise, easy-to-understand notes for better comprehension and seamless learning.



Question Generator

Leverage AI to craft tailored questions for exams, assignments, or practice sessions, ensuring data-driven and impactful assessments.



Cross Word Puzzle

Empower learning with AI-generated crossword puzzles tailored to specific topics, providing an engaging and interactive way for students to test their knowledge and reinforce key concepts.



Fill in the Blanks Puzzle

Enhance comprehension with AI-crafted fill-in-the-blank exercises, designed to challenge students' understanding and promote active recall in a focused and impactful manner.



One Word Puzzle

Leverage AI to craft tailored questions for exams, assignments, or practice sessions, ensuring data-driven and impactful assessments.



Word Maker

Leverage AI to craft tailored questions for exams, assignments, or practice sessions, ensuring data-driven and impactful assessments.



New additions in SAMAGRA Resource Portal

Learning Room, Activity presentation, Question Repository, Podcast







Teacher's Plan

(A comprehensive writeup of step by step learning activity)



My Plans

(You can manage your own teaching plans)



Create Unit Plan

(A study plan prepared by looking a unit holistically)



Create Teaching Manual

(A place digital platform to create teaching manuals)



Plan Consolidation

(A consolidated list of micro plan and selection notes)



Activity Presentation

(Images, audio & video contents, presentations, interactives, worksheets etc.)



Question Paper Repository

(You can create question papers using questions from the question repository)



Learning Room

(An Innovative digital multimedia facility to facilitates self-directed learning & assessment)



KOOL Registration

(Registration facility to attend KOOL Examination)



Resource List

You can group various digital resources under a single name.



My Uploaded Resources

You can view and manage your uploaded digital resources.



Class Room Presentation

The digital resources are ready to be presented in the classroom.



Resource Consolidation

The digital resources have been consolidated and are ready for use in the classroom.



Profile

Your Samagra account details and update profile picture and more.



Change Password

You have the ability to change your password for increased security and control over your account.



Text Book

You can download pdf versions of SCERT (Kerala) Text Books from class 1 to 12.



ആഗസ്റ്റ് 6 ഹിരോഷിമാ ദിനം

1945 ആഗസ്റ്റ് മാസത്തെയും ഇപ്പോഴത്തെയും ഹിരോഷിമാ നഗരത്തിന്റെ ചിത്രമാണ് മുകളിൽ.

ആണുബോംബ് ഭസ്മമാക്കിയ, ലക്ഷക്കണക്കിന് ആളുകൾ എരിഞ്ഞടങ്ങിയ, ലോകത്തിന്റെ കണ്ണുനീരായ ഒരു നാട് ഉയിർത്തെഴുന്നേറ്റതിന്റെ നേർക്കാഴ്ച

ഏതു ദുരന്തത്തെയും അതിജീവിക്കാനുള്ള കരുത്താവാണം നമുക്ക് ഹിരോഷിമാ നൽകുന്ന ആത്മവിശ്വാസം





Upload Resource

You can create and upload digital resources such as videos, audio files, images, PDFs, interactive content, and more



Resource List

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Other Links



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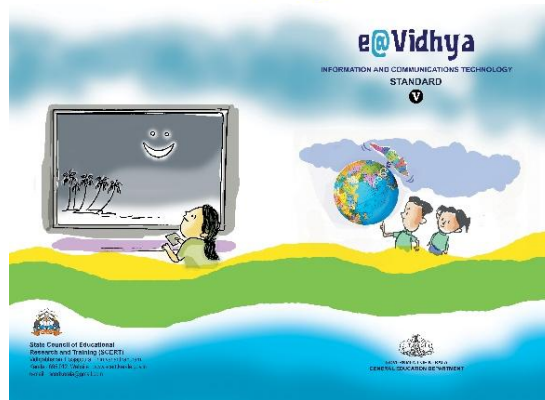
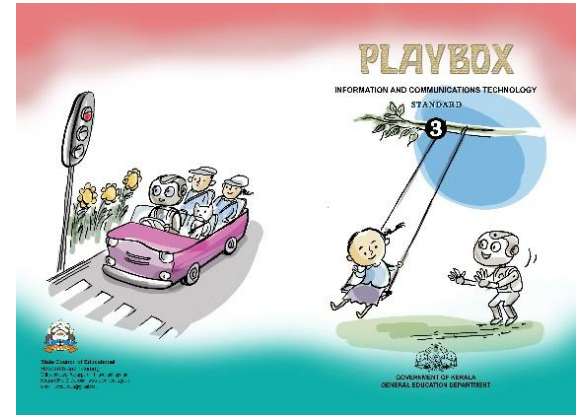
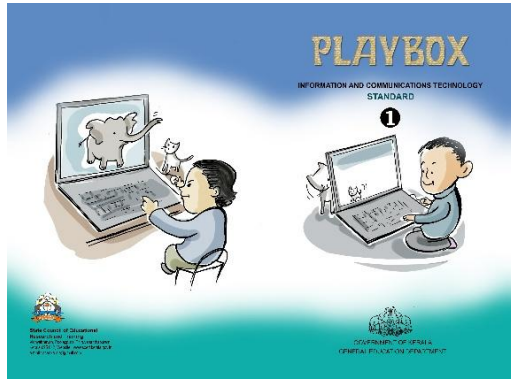


Text Book

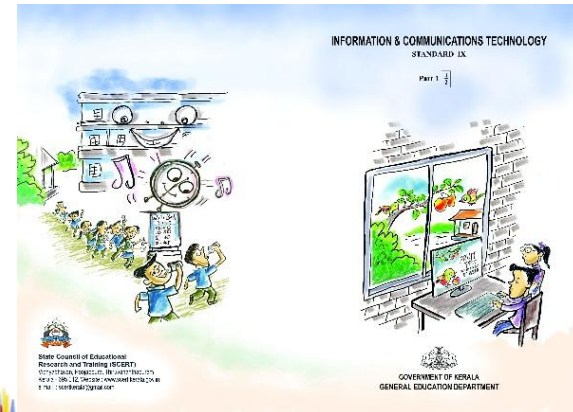
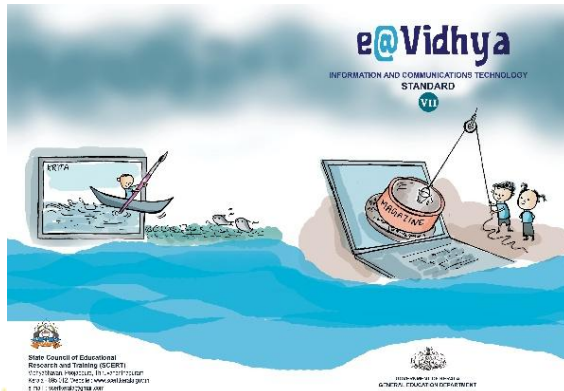
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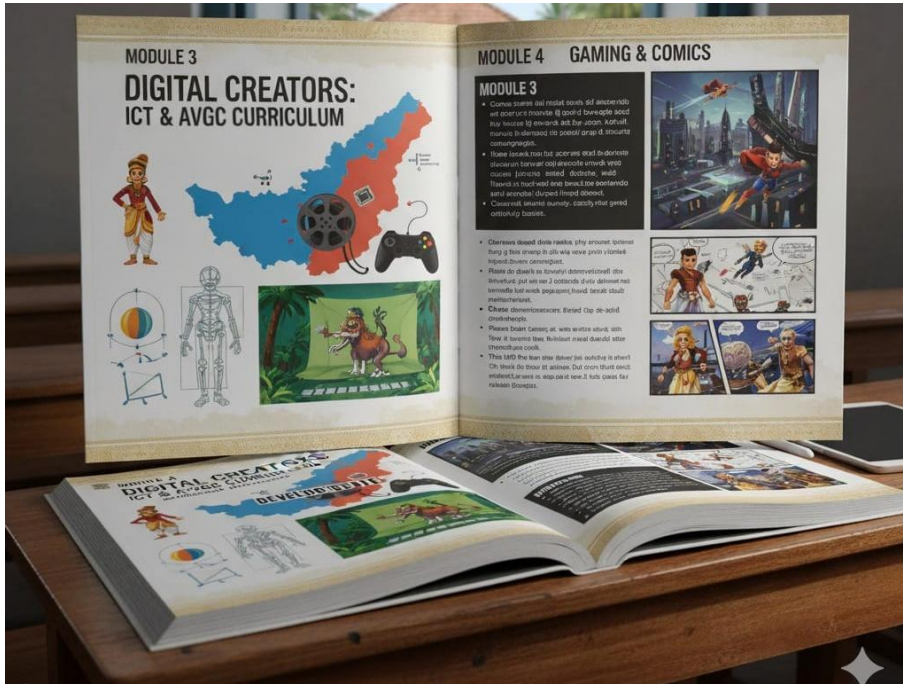
ICT Textbooks for Std 1 to 8



ICT Textbooks for Std 9 to 12



AVGC Curriculum in new ICT Textbooks



- KITE integrated Animation, Visual effects, Gaming and Comics (AVGC) into the school ICT text-books.
- Learning opportunity in alignment with AVGC-XR (Extended Reality) policy introduced by Govt.
- New curriculum introduces students to digital arts and music from a young age.
- Uses free software such as Omnitux, GCompris, Musescore, Audacity, and the KITE-developed "Thalam' software.

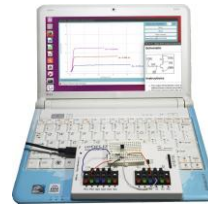
Innovations in Open Hardware

Arduino Robotic Kits for High Schools



- 29000 Arduino Robotic Kits deployed to 2100 schools.
- Each Robotic Kit comprises of Arduino Uno Rev3, LEDs, SG90 Mini Servo Motor, LDR Light Sensor Module, IR Sensor Module, Active Buzzer Module, Bread Button, Jumper wires and Resistors.

ExpEYES - “Lab-On-Lap” - For Higher Secondary Physics



- Over 100 physics experiments can be performed using ExpEYES in classrooms / labs.
- Comprises of resistor, capacitor, magnet, microphone & DC motor

Exhibition of products created by students using Robotic Kits



Exhibition was conducted as part of the State Camp for Little KITEs



Advanced Robotic Kits to High schools



- 2500 Advanced Robotic Kits deployed to schools
- Advanced Robotic Kits comprises of Micro Controllers, Breakout Boards, various sensors, submersible mini water pump, LCD display module, 4WD Smart Car chassis kit etc.
- Students can create models such as Line following Robots, automatic plant watering systems, motion activated security system, smart weather station etc.
- In continuation to 29000 Robotic Kits deployed to schools during 2024-2025.

Students using Advanced Robotic Kits



Robotics training to all Class 10 students

education.economictimes.indiatimes.com/news/school-education/keralas-4.5-lakh-class-10-students-plug-into-the-future-with-robotics-training

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School Education • 2 Min Read

Kerala's 4.5 lakh Class 10 students plug into the future with robotics training

The programme, implemented by KITE - the technology arm of the General Education Department - is designed to familiarise students with robotics concepts newly introduced in the revised Class 10 Information Technology textbook.

IANIS
Published On Jan 6, 2026 at 04:09 PM IST



Thiruvananthapuram, Kerala's public education system took a significant leap into the future on Tuesday as the Kerala Infrastructure and Technology for Education (KITE) launched a state-wide robotics training programme for all Class 10 students.

The workshops, to be completed in all schools by January 15, are aimed at equipping students with practical skills that will also help them prepare for the upcoming SSLC examinations.

The ambitious initiative will cover around 4.5 lakh students studying in government and aided schools across the State, marking one of the largest school-level robotics training drives in the country.

The programme, implemented by KITE - the technology arm of the General Education Department - is designed to familiarise students with robotics concepts newly introduced in the revised Class 10 Information Technology textbook.

- Robotics training given to 3,30,445 Class 10 students in Govt & Govt Aided schools
- Training implemented through Little KITEs network in schools.
- Provided practical experience with the 'Robotics' topics introduced in the revised Class 10 IT textbook, helping students prepare for SSLC examinations.
- Created awareness on the importance of Robotics and its applications .
- Students introduced to the fundamental components of a Robotic system: input (sensors), processor (micro-controllers) and output (actuators).

Power of Free Software in Language Lab



- Program to enhance Language learning proficiency of primary class students.
- Activities are enjoyable, game like, competency based & assessment integrated.
- No need for separate hardware or centralized server systems and internet or exclusive networking.
- Can be piggybacked with existing Computers in schools
- Uses Moodle platform under GNU GPL
- English & Hindi ELLs developed.
- Impact assessment study shows significant improvement of students' English proficiency.

E-cube Hindi Language Lab software

- E³ Hindi Language Lab software (Prayogshaala) developed
- Piloted in 163 schools across the State during 2025
- Extensive training was given to Hindi teachers of Class 5 to 7.
- E³ Hindi has 3 levels (Grades 5–7),



Little KITEs IT Clubs

Largest ICT Network of Students in India



- Little KITEs are Student IT Clubs formed in 2174 schools with the aim of empowering students in creatively using ICT in learning.
- Also supports the upkeep of 4.50 lakh ICT equipment in schools.
- 20-40 students in each school supported by 2 teachers.
- Trained in Animation, Robotics & IoT, Hardware, Electronics, Language Computing, Cyber Safety, Mobile App Development, Artificial Intelligence.

1.80 Lakh Active members

3.57 Lakh member so far

4 Lakhs Parents trained in Digital Media Literacy

19.66 Lakh students trained in identification & prevention of fake news



Little KITEs Awards



Hon.Chief Minister handing over the trophies, Prize Awards & Citation to Best Little KITEs IT Clubs.

Little KITEs Awards function- July 2026



Awards given to
Best Performing
Little KITEs IT Clubs in
State and District levels.



Students get trained in Artificial Intelligence , 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
KOCCHI, AUGUST 25

It was a rare meeting for bright little young minds at the start-up complex at Kalamassery in the second week of August, as over a hundred students from across the state gathered to participate in the start-up eco-system from their playground for two days exploring the tech world and sharing our possibilities which could alter the growths, including their trainers. The students were brought to the startup complex by KITE (Kerala Infrastructure and Technology for Education) under the department of education which gave the young ones a Raspberry Pi each and some training in robotics and animation while asking them to play with their own ideas.



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

hard to let go open. It works even if employees from an AC power source. The device will not shut down completely. It has a smart sensor with a small screen which can be used to monitor the status of the system. The Smart Eco Waste Box, created by P. Anand, a 16-year-old student of VYTHIRIPY of Muvattupuzha, is a smart waste bin that can be used to monitor the status of the system. The Smart Eco Waste Box, created by P. Anand, a 16-year-old student of VYTHIRIPY of Muvattupuzha, is a smart waste bin that can be used to monitor the status of the system.

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

35 seconds. Another innovation presented by was a smart navigation system for the blind. The device was developed by a team of students from the KITE camp. The device was developed by a team of students from the KITE camp. The device was developed by a team of students from the KITE camp.

responsibility. 'Newspapers is the value generation who are the decision makers, which is not the need of the hour. It has to be the younger generation which has to take up this role. It is a model which is successful in the world. It is a model which is successful in the world. It is a model which is successful in the world.

Dr. Achuth Sankar, S. N. Nair, head of department of computational biology and bioinformatics, University of Kerala, was among the experts who intervened with them on the first day. The camp was inaugurated by the Minister for Higher Education, Mr. Thangachandran. The camp was inaugurated by the Minister for Higher Education, Mr. Thangachandran. The camp was inaugurated by the Minister for Higher Education, Mr. Thangachandran.



Muhammed Hudaib of Markaz HSS, Karanthur, with his line partner

IN FOCUS: KITE



KITE'S Role in Kerala's A-ENABLED CLASSROOM REVOLUTION

Over the past two decades, Kerala Infrastructure and Technology for Education (KITE) has 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.

Transforming Classrooms

As part of the state's Public Education Regeneration Mission, KITE led the Hi-Tech School Project (2015-2019), converting 45,000 classrooms across 4,752 schools into hi-tech learning spaces. Each classroom was equipped with a laptop, projector, speakers, and access to SAMAGRA, KITE's digital content portal. Following this, the Hi-Tech Lab Project extended similar upgrades to 11,257 primary schools. Over 450,000 ICT devices were deployed, supported by broadband internet and a robust support system, including maintenance contracts and a dedicated call center.

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

KITE ignites their passion

VINOD NEDUMUDY@DC
KOCCHI, AUGUST 8

Muhammed Hudaib, 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. Ravendranath left after inaugurating a camp for the techies of future.

The device was made by Muhammed using the Raspberry 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.

From robotics to animation to artificial intelligence to augmented reality and virtual reality, they are leaving no stone unturned to leap into the



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

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

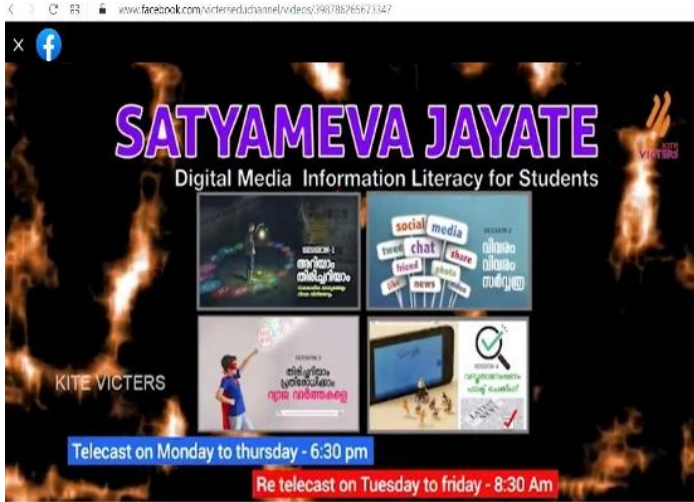
First, KITE conducted a sub-district-level camp in which 13,404 students participated out of whom, 1143 were selected to the state camp were selected in a two-layer screening. 'Little KITES' camp. Finally the 231 students were selected for the state camp based on their improvised and innovative technical output.

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

future experimenting with and displaying their exhibits and learning lessons from the experts that KITE and Startup Mission have lined up for them in the camp. The 231 Class X students for the state camp were selected in a two-layer screening.

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Satyameva Jayathe Digital Literacy Campaign for Students



1st Phase

- Awareness through KITE VICTERS

2nd Phase

- Training given to Students of Class 8 to 12

3rd Phase

- Training given to students of Class 5 to 12

4th Phase

- In Class 5 to 7 Textbooks

5th Phase

- In Class 5 to 10 Textbooks

- Training for identifying and preventing Fake news
- 19.66 Students trained so far.
- 2 lakh teachers trained
- 5 phases of implementation
- Telecast through KITE VICTERS channel

To make students Victers, KITE takes digital media literacy to newer heights

SATYAMEVA JAYATE
Digital Literacy -
Third phase
UP students - 8.48 lakh
HS students - 10.24 lakh
No. of trainers - 5,620
Highest no. of students
trained in a school -
DMSI, Tamil Nadu
St Mary's HSS, Palur,
Tamil Nadu
In the third phase of the training programme, KITE VICTERS students will spread the message of digital literacy to their friends and family members. The programme is being implemented in four phases starting from Monday 10th to Thursday 17th October 2019. The general public, said K. Anwar Sadath, CEO, KITE.

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ICT Training for Parents



- Little KITEs students provides the ICT training for Parents.
- Focusses on Safe usage of Smart phones & Internet, Password, OTPs, PIN,
- Fake news identification and prevention, Cyber Attacks, Online transactions etc
- Over 4 lakh Parents trained so far.

Sl no	District Name	Total
1	Thiruvananthapuram	27295
2	Kollam	23347
3	Pathanamthitta	13111
4	Alappuzha	23232
5	Kottayam	19300
6	Idukki	9685
7	Ernakulam	27870
8	Thrissur	23319
9	Palakkad	24812
10	Malappuram	134216
11	Kozhikode	23940
12	Wayanad	10127
13	Kannur	21599
14	Kasaragod	19307
Total Number of Parents Trained:		401160



UNICEF terms Little KITEs as a Global model in Education



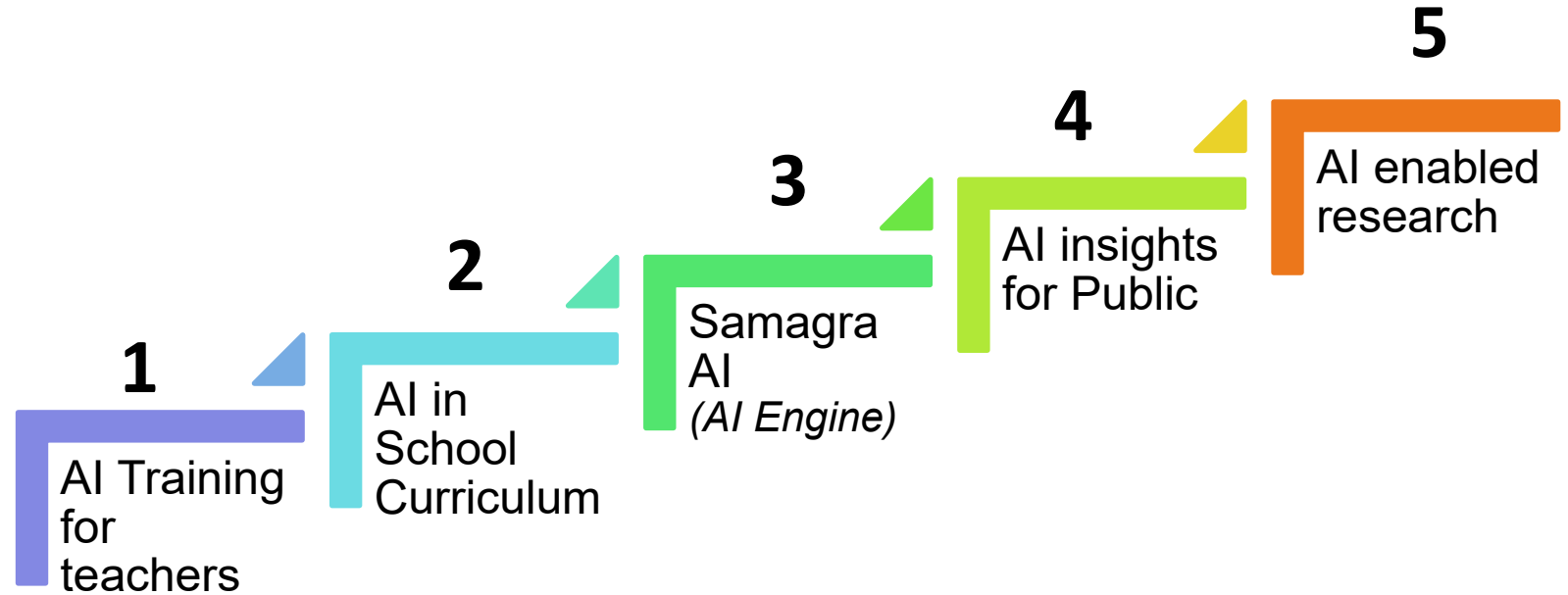
Key observations of the study.

1. LK is successful in building student abilities in learning digital technologies & learning through digital technologies
2. Cultivation of Higher-Order thinking skills.
3. Collaborative knowledge construction.
4. Gender inclusivity in STEM.
5. Active participation in school life.
6. Universal reach in educational equity.
7. Contribution to knowledge society.
8. Parental involvement and training.
9. Community Connect
10. Students could create School Magazines.

<https://www.unicef.org/india/reports/empowering-adolescents-future-ready-skills-study-little-kites-programme>



How the AI learning is being implemented



AI learning included in School Curriculum

Kerala includes AI learning in school texts

TIMES NEWS NETWORK

Thiruvananthapuram:

With the introduction of Artificial Intelligence (AI) learning in the Information & Communication Technology (ICT) textbook of Class VII, over 4 lakh students in Kerala are set to get familiar with AI in the ensuing academic year.

One of the activities in the 'Computer Vision' chapter will involve students creating their own AI programme that can recognize human facial expressions.

FIRST IN THE COUNTRY

This programme will be able to identify up to seven different emotions on a person's face.

"It is the first time in India that all students in a class are getting an opportunity to learn AI uniformly", said K Anvar Sadath who is the Chairman of ICT Textbook Committee and the CEO of KITE.

The 'PictoBlox' pack-



It is the first time in India that all students in a class are getting an opportunity to learn Artificial Intelligence (AI) uniformly said K Anvar Sadath, CEO of KITE

ge, along with 'Scratch' software that teaches visual programming, has been introduced in the textbooks to enable students to practice programming, AI, robotics, etc. Kerala Infrastructure and Technology for Education (KITE), the technology arm of the general education department, will make available all the essential software for this in the laptops deployed in schools.

The new ICT textbooks for Classes I and III include FOSS (Free and Open-Source Software) based educational applications such as GCompris, eduActiv8, OmniTux, and TuxPaint which cover drawing, reading, language learning, numeracy, operations, and rhythm.

In addition to these, app-

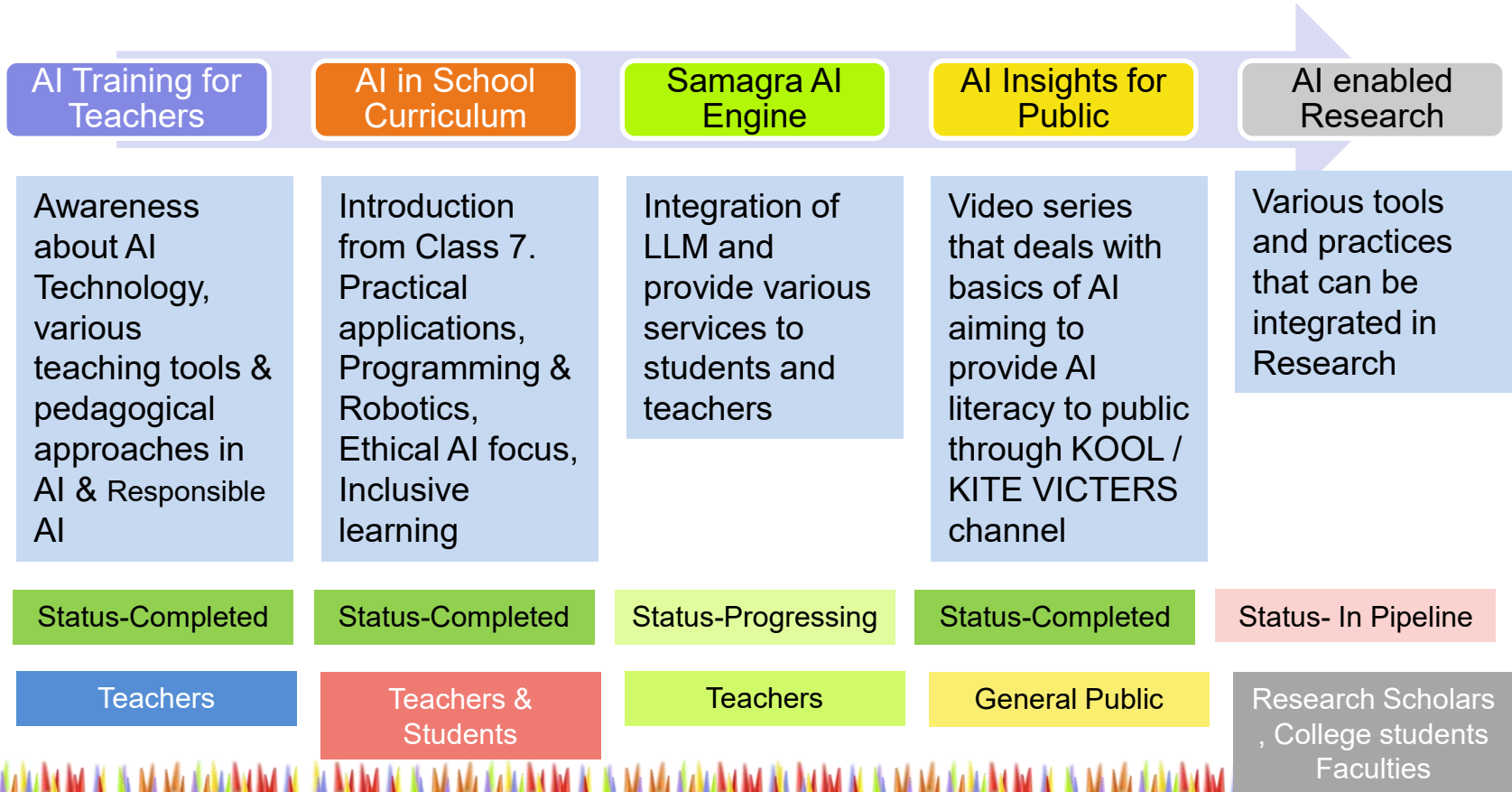
lications developed by KITE such as Traffic Signal - through which children learn about traffic rules, and Waste Challenge - which teaches waste disposal through gaming mode are also included in the ICT textbook. Further, language labs are also featured in the new textbooks.

"The new ICT textbooks present practical ICT activities that nurture life skills while also helping in studying other subjects and providing guidance on cybersecurity and fake news identification", Anvar said.

KITE commenced the AI training for 80,000 secondary school teachers from May 2 this year onwards and so far 20,120 teachers completed the training.

- AI learning in ICT textbook of Class 7
- 1st time in the Country that all students in a class will learn AI in a uniform manner.
- 4 lakh students of Class 7 will get familiarized with AI.
- Includes Computer Vision chapter that helps students create their own AI program which can recognize human facial expressions.

AI learning – Stages of Progress & beneficiaries



The KITE model for Responsible AI in School Education

- Basics of AI & Machine learning introduced to students
- Leveraging gesture-based software for CWSN.
- Little KITEs Students harness AI to assist CWSN



The Telegraph

16-08-2024

MODULES ON FACT-CHECKING

Kerala schools teach kids how to detect fake news

K.M. RAKESH

Bengaluru: Schools in Kerala have introduced modules on fake news detection for students of Classes V and VII as part of a larger initiative on cyber safety and the digital inclusion drive in the state. The IT textbooks for these two classes were revised and launched in June with modules on fact-checking at a time fake news has become a menace to the society.

In India recently announced that its schoolchildren would be taught how to spot extremist content and fake news in the wake of the recent anti-immigration riots.

"We have introduced modules on how to detect fake news for all students of Classes V and VII from this academic year (that started in June). The fact-checking modules will be introduced to students of Classes VI, VII, IX and X once their textbooks are revised the next academic year," K. Anoop Sadash, CEO of the Kerala Infrastructure and Technology for Education (KITE), the technology arm of the Kerala government education department, told The Telegraph on Tuesday.

At present, schools teach how to identify fake news in only Class V and VII because only their textbooks have been revised this year. "This means that about 20 lakh students of Classes



ified "Let's Search and Find" in the Class VII textbook displays a conversation between two students. While one of them says she'll fill for a fake message claiming there were no classes, her classmate tells her how his teacher has taught them how to verify such information on official websites.

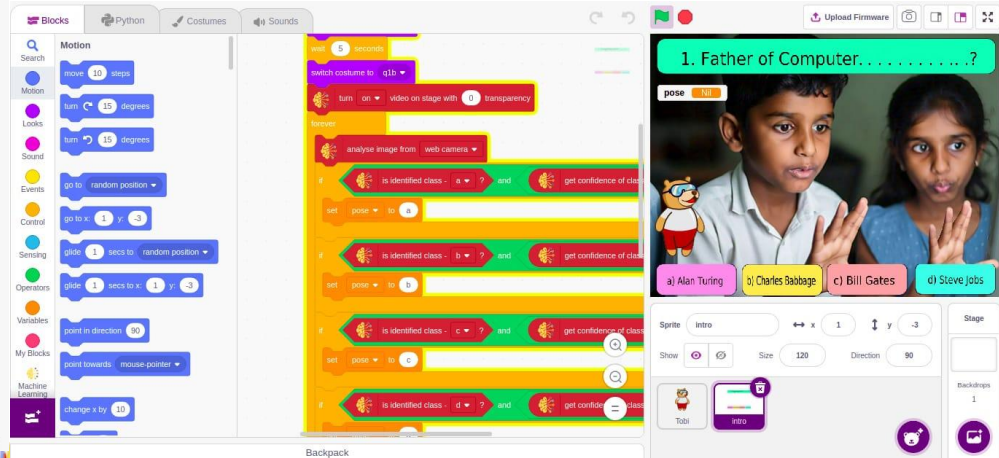
He said Kerala is the only state where IT is a mandatory subject for students from Classes I to X. "This makes it even more important to impart skills to identify fake news at a time all kinds of false information is floating around in cyberspace."

KITE, Sadash assured, has always tried to keep pace with fast-changing technology to provide the latest updates to students.

"What they learned in 2020 is vastly different from what they are going to learn in 2024. Our job is to provide the right kind of learning modules for students and teachers to help them keep abreast with the latest developments in technology. It is the same with providing the latest tools and knowledge to check facts," Sadash observed.

KITE has already trained 80,000 teachers in artificial intelligence, its benefits and dangers. "Similar modules on the benefits and dangers of AI will be introduced in high schools (over the textbooks are revised next year)," he added.

For example, a chapter

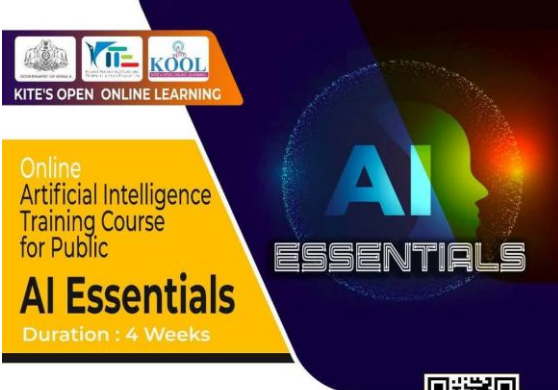


Artificial Intelligence Training for Public

KITE launches 4-week online AI course for general public

T'Puram: The general education department's technology arm Kerala Infrastructure and Technology for Education (KITE) has come up with an online training programme to enable the general public to effectively utilise AI tools in their daily lives. The four-week 'AI Essentials' online course is designed to benefit the general public, including students, by covering areas such as how to use AI tools for daily tasks, including office work and creating social media content. AI tools that can be used in the fields of art, music and literature will also be introduced. In addition to video classes and resources, the course will also include weekly online contact classes. "KITE has ensured the service of dedicated mentors for every 20 participants. The new course is an updated version of the AI training module that KITE previously conducted for 80,000 school teachers across the state. The training will be conducted on the KOOL platform, which has provided online training to the teachers," KITE CEO K Anvar Sadath said. The first batch will include the first 2,500 people who register through the website www.kite.kerala.gov.in. Registration is open until March 5.

- First batch – 466 participants
- Second batch- 750 participants
- **Total: 1216 participants**



The banner features the KITE logo, the KOOL platform logo, and the text 'KITE'S OPEN ONLINE LEARNING'. The main title 'Online Artificial Intelligence Training Course for Public AI Essentials' is prominently displayed, along with 'Duration : 4 Weeks'. A QR code is located on the right side of the banner.

COURSE OVERVIEW

- Module 1: Artificial Intelligence at Your Fingertips**
Applications & tips planning, visualization, prompting & story writing, diffusion & generative AI, research on prompting, where does AI enter our lives, AI: Past, Present & Future
- Module 2: AI Art Gallery**
Create & edit images, Photo generating & enhancing, AI art & digital photos, Designing & logo design, AI in AI model generation
- Module 3: Mastering AI**
AI for Text & Documents, Advanced prompting, Summarization & automation, GPTs generation, Text & video, Audio creation & editing
- Module 4: AI In Everyday Life**
AI in music & audio generation, Audio & video creation, AI in music & audio, Video & audio creation, AI in music & audio

REGISTRATION

Visit KITE Website: <https://kite.kerala.gov.in/> or <https://kite.kerala.gov.in/koolregistration/>

- Last Date : 5th March 2025
- Registration fee : Rs. 2360/- (Rs. 2000/- + GST).

ABOUT THE COURSE

- Each batch (20 learners) will have a mentor.
- Weekly module-based training and evaluation
- Provides Resources and Video Lectures in Malayalam.
- Weekly online contact classes.
- Learners should complete all modules on time.

COURSE CERTIFICATE

- KITE will provide Certificate to those who successfully complete the course.

CONTACT INFORMATION:
Phone: +91 471 2529800 (Mon - Sat: 10:00 AM - 5:30 PM)
Email: koolpayments@kite.kerala.gov.in
Website: <https://kite.kerala.gov.in/koolregistration/>

AI Training for 6 Lakh parents

State to roll out AI training for 6L parents

TIMES NEWS NETWORK

Thiruvananthapuram: Kerala Infrastructure and Technology for Education (KITE), general education department's technology wing, will soon train around six lakh parents to use artificial intelligence (AI) and also to detect misuse such as deepfakes, forged images and cloned voices to help safeguard against scams.

SARVAM AI MAYAM

KITE launched "Sarvam AI Mayam" (AI is Everywhere) initiative, wherein students of 2,000 Little KITE units will provide AI training to parents through state's public schools until June 30.

Each unit will train an average of 300 parents.

The two-hour training module is designed to give equal importance to both op-



Students of 2,000 Little KITE units will provide training until June 30. The two-hour training module is designed to give equal importance to both opportunities and risks associated with AI

portunities and risks associated with AI.

It begins with a simplified introduction to machine learning—the core technology that allows machines to process data and make decisions like humans.

To illustrate the creative power of AI, parents are shown videos in which the classic paintings of Raja Ravi Varma are brought to life through animation.

"The sessions focus heavily on the practical use of AI in daily life via smartphones. Parents are trained to use AI-powered tools to identify birds and plants or to translate signboards

from other languages, such as Tamil, into Malayalam in real time. The training also offers hands-on experience in using AI assistants to write poems, plan travel itineraries and generate recipes from available household ingredients. Additionally, the module demonstrates how AI can be used for photo restoration to preserve and enhance old family photographs," said K Anvar Sathath, CEO, KITE, in a statement.

The project also issues vital warnings about the potential dangers of the digital landscape.

"The curriculum inclu-

des specific techniques for identifying AI-generated deepfake videos, forged images and cloned voices, providing parents with the necessary precautions to avoid falling for such scams. It also aims to build resilience against emotional misinformation and 'fake news' on social media, while emphasising the importance of internet etiquette. Parents are also introduced to 'Samagra Plus Learning Room', an AI-based educational platform developed by KITE to help them support their children's studies," he added.

The training will incorporate the most recent security standards, including IT Intermediary Amendment Rules 2026, which are set to take effect on Feb 20.

This initiative serves as a follow-up to the successful cyber security training provided to 400,000 parents in 2023-24.

Little KITEs students impart AI training to parents statewide

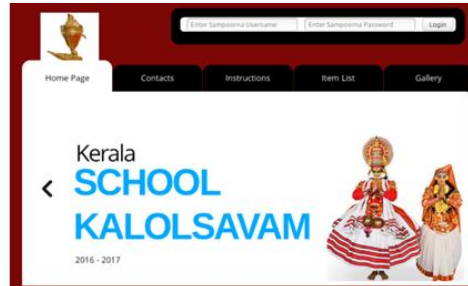


Artificial Intelligence (AI) training given to 110 Post Graduate teachers of Lakshadweep

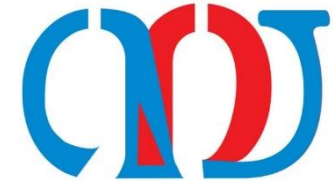


- KITE imparted ICT training and Online AI training 110 Lakshadweep teachers.
- Module created for the 'AI Essentials' online AI training for public made use of.
- Sessions covered- AI at Your Fingertips, Art Gallery, Mastering AI, AI in Everyday Life and how to use AI responsibly.
- KITE also provided 100 Robotic Kits to these teachers, to be used in Lakshadweep schools.

eGoverning Critical processes of General Education Department



Public database of all schools



Staff fixation and approval software

Some eGovernance applications
developed by KITE

SAMPOORNA School Management Software

A comprehensive Web based Software for capturing and processing details of students and teachers from Class 1 to 12.

- SAMPOORNA in use since 2010. Over 1 Cr data handled in past 14 years.
- Captures details of 45 lakh students & 1.8 lakh teachers per year.
- Facilitates Student admission, issuing Transfer Certificate, various reports, entry forms etc.
- Sampoorna plus Mobile App helps to record students' attendance, learning progress and progress reports.
- App eases interaction between schools and parents.
- Separate login facilities for students, teachers and parents.
- SMS alert for parents when his/ her ward is absent from class.




Govt. T H S Meenankal


MONTHLY ATTENDANCE - GOVT. T H S MEENANKAL

Month

Class/Division

SCHOOL: Govt. T H S Meenankal
CLASS: 1, A
MONTH, YEAR: December, 2025
Print

STUDENT NAME (Follow me)	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	STUDENT TOTALS		
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Mon	Tue	Wed	Thu	Fri	Sat	Mon	Tue	Wed	Thu	Fri	Sat	Mon	Tue	Wed	Thu	Fri	Sat			
	P	A						P	A				P	A			P	A			P	A			P	A			P	A				
1 ADHITH M B (799)	X	X	-	-	X	-	-	-	-	-	X	-	-	X	X	X	X	X	X	-	X	-	-	-	-	-	-	-	-	-	-	10	0	
2 ANNIE A (796)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
3 ANVITA LAL M S (8048)	X	X	-	-	X	-	-	-	-	-	X	-	-	X	X	X	X	X	X	-	X	-	-	-	-	-	-	-	-	-	-	10	0	
4 ARADHYA SIVA A S (8073)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
5 DEVADRATH R (805)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
6 JINESH R GIREESH (8057)	X	X	-	-	X	-	-	-	-	-	X	-	-	X	X	X	X	X	X	-	X	-	-	-	-	-	-	-	-	-	-	10	0	
7 NIKHAJ S V (8023)	.	X	-	-	X	-	-	-	-	-	X	-	-	X	X	X	X	X	X	-	X	-	-	-	-	-	-	-	-	-	-	9	1	
8 PALLAVI P R (8051)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
9 PRAYAN SREEJITH (7993)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
10 RITHIK R (8048)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
11 SABARI B S (7965)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
12 SHAKARTHIK R S (8066)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
13 SOORAJ S (8000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	
14 SHEELAKSHMI V S (8021)	X	X	-	-	X	-	-	-	-	-	.	-	-	.	X	X	X	X	X	-	X	-	-	-	-	-	-	-	-	-	-	8	2	
15 VIDEESHA K (8050)	X	X	-	-	X	-	-	-	-	-	X	-	-	X	X	X	X	X	X	-	X	-	-	-	-	-	-	-	-	-	-	-	10	0
DAILY TOTALS	PRESENT	X	5																															

SAMETHAM School Data Bank

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

www.sametham.kite.kerala.gov.in



- Schools - Section >
- Schools -District >
- Class Wise Strength >
- District Wise Strength >
-  HiTech Schools New
- Infrastructure Upgradation Projects
- Official Email Directory >
-  Advanced Search

RELATED LINKS

 KITE

Schools

Data updated on 29 Jul 2024

9,807
LP, UP Schools

3,136
HS Schools

2,065
HSS Schools

389
VHSE Schools

Type	LP	UP	HS	HSS	VHSE	Total
Govt	2,596	872	1,229	857	261	5815
Aided	3,903	1,867	1,434	846	128	8178
Unaided Recognised	318	251	473	362	NA	1404
Total	6817	2990	3136	2065	389	15397

Students Strength 2024-25

Data updated on 29 Jul 2024

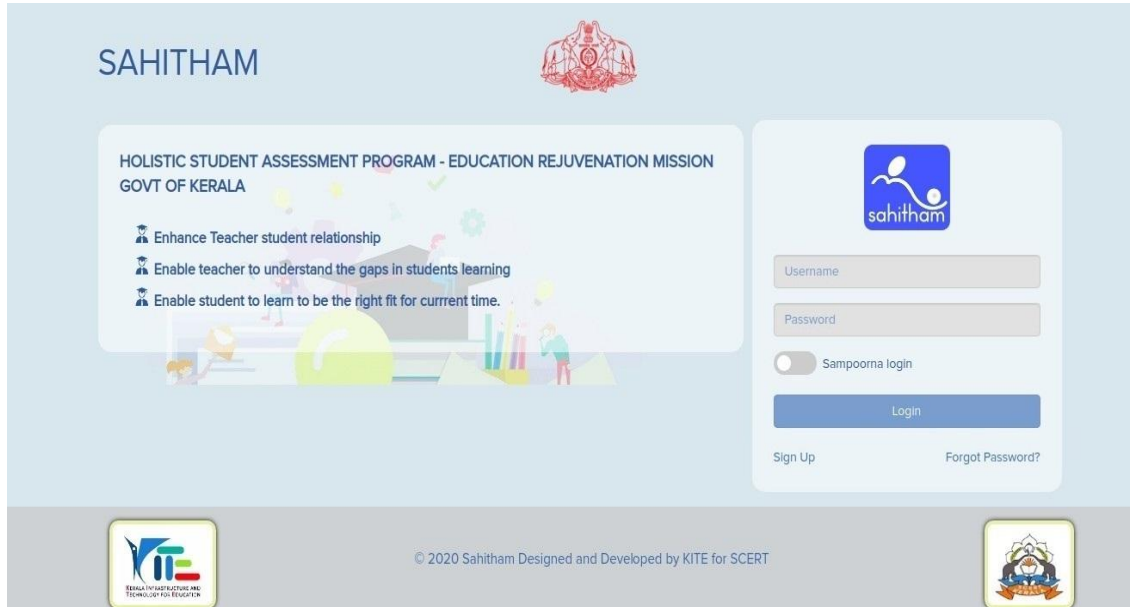
23,81,037
LP, UP Students

12,62,605
HS Students

7,70,995
HSS Students

56,073
VHSE Students

SAHITHAM Mentoring Portal



The screenshot shows the SAHITHAM Mentoring Portal login interface. At the top left is the 'SAHITHAM' logo. To its right is the Government of Kerala emblem. Below the logo, the text reads 'HOLISTIC STUDENT ASSESSMENT PROGRAM - EDUCATION REJUVENATION MISSION GOVT OF KERALA'. A list of three goals is displayed: 'Enhance Teacher student relationship', 'Enable teacher to understand the gaps in students learning', and 'Enable student to learn to be the right fit for current time.' To the right of this list is a login form with a 'sahitham' logo, 'Username' and 'Password' input fields, a 'Sampoorna login' toggle switch, a 'Login' button, and links for 'Sign Up' and 'Forgot Password?'. At the bottom, there is a footer with the KITE logo on the left, the copyright notice '© 2020 Sahitham Designed and Developed by KITE for SCERT' in the center, and the SCERT logo on the right.

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.

sahitham

Username

Password

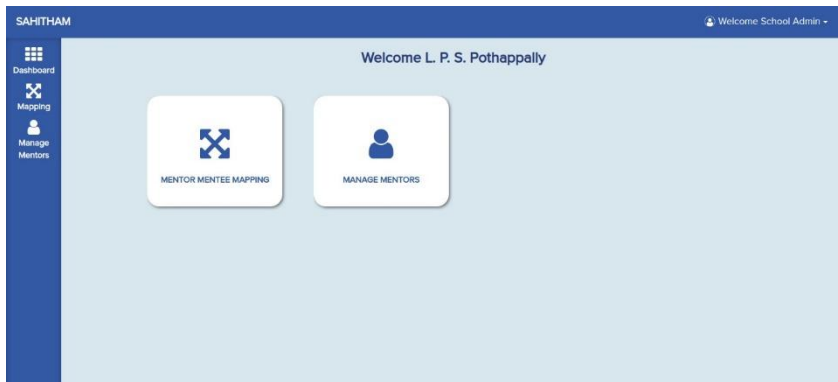
☐ Sampoorna login

Login

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

© 2020 Sahitham Designed and Developed by KITE for SCERT

- **Sahitham Mentoring Portal** aims at facilitating the holistic mentoring and development of all students from Classes 1 to 10.
- Mentor teacher can closely observe, study & record online and prepare the digital portfolio of each student which consist of academic and social emotional skills.
- Using digital portfolio, teachers support and mentor each student and ensure students' development in academic, social-emotional and innate qualities.



SAHITHAM – Head Masters Mapping the Mentors

SAHITHAM | Welcome School Admin | L. P. S. Pothappally

Manage Mentors

#	Name of Teacher	Teacher Type	PEN	Username	Mobile No.	Status	Action
1	GIRJA 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 | L. P. S. Pothappally

Mentor Mentee Mapping

Class: Division: [Sync Sampadma](#)

Teacher List	Teacher	Students	Student List
SUNITHA A M	GIRJA N MADHAVA	ADILEKSHMI R	
RASHEEDA BEEGOM		AKSHAY JAYAN	
JALAJA S		ANAMIKA D	
SANDHYA KUMARI T V		ANASWAR R	
NISHAMOLE R		ANUSREE D	
		ATHULYA A	
		AVANIKA J	
		DEVADETH P	
		DURGADATHAN R	

[Save](#) [Clear](#)



SAHITHAM

Welcome GIRIJA N MADHAVA

Back

Assessment



Name

AAYUSH S

School

35329-L. P. S. Pothappally

Class

1- A

Assessment Period

2020-Feb

സാമൂഹിക ശ്രദ്ധ

3/10

ഭാരതം

2/4

English

0/4

ഗണിതം

0/5

സാമൂഹികാചാരങ്ങൾ

2/2

ശാസ്ത്രവിദ്യ

2/2

Skills	Level 1	Level 2	Level 3
മുറ്റത്തുപോയി ആഹാരം പ്രകടിപ്പിക്കുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☐ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.
ആലോചനയ്ക്കായി പാർക്കുക.	☒ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☐ ചില സാഹചര്യങ്ങളിൽ നിമിത്തമുള്ളതാകുന്നു.	☐ സാധാരണ ആവശ്യമുണ്ട്.
പ്രകടിപ്പിക്കുന്നതിൽ സഹായിക്കാനായി തയ്യാറാകുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☐ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.
മുറ്റത്തുപോയി വികാസങ്ങൾ കാണിക്കുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☒ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.
ആലോചനയ്ക്കായി പാർക്കുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☐ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.
മുറ്റത്തുപോയി സാഹചര്യം പ്രകടിപ്പിക്കുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☐ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.
മുറ്റത്തുപോയി പാർക്കുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☐ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.
സാഹചര്യം വികാസങ്ങൾ കാണിക്കുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☒ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.
സാഹചര്യം വികാസങ്ങൾ കാണിക്കുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☐ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.
സാഹചര്യം വികാസങ്ങൾ കാണിക്കുക.	☐ എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്.	☐ ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.	☐ സാധാരണ ആവശ്യമുണ്ട്.

Mentor Review Comments

Enter additional information

Reset

Save

SAHITHAM –Teachers assessing Students

SAHITHAM

Welcome GIRIJA N MADHAVA

Back

Assessment



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

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 ശ്രദ്ധ

എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്. ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്. ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.

ഭാരതം

എളുപ്പ സാഹചര്യത്തിൽ സാധ്യമാണ്. ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്. ചില സാഹചര്യങ്ങളിൽ സാധ്യമാണ്.

SAHITHAM

Welcome GIRIJA N MADHAVA

Back

Assessment



Name

AAYUSH S

Class

1A

Guardian occupation

DRIVER

Guardian Name

SUNIL KUMAR

Guardian annual income

Guardian qualification

HSE

Living with parents?

YES

Parents help in learning?

YES

Living in own house?

YES

Facilities for studying in house?

YES

Interested area

Other (Mention below)

Hobbies

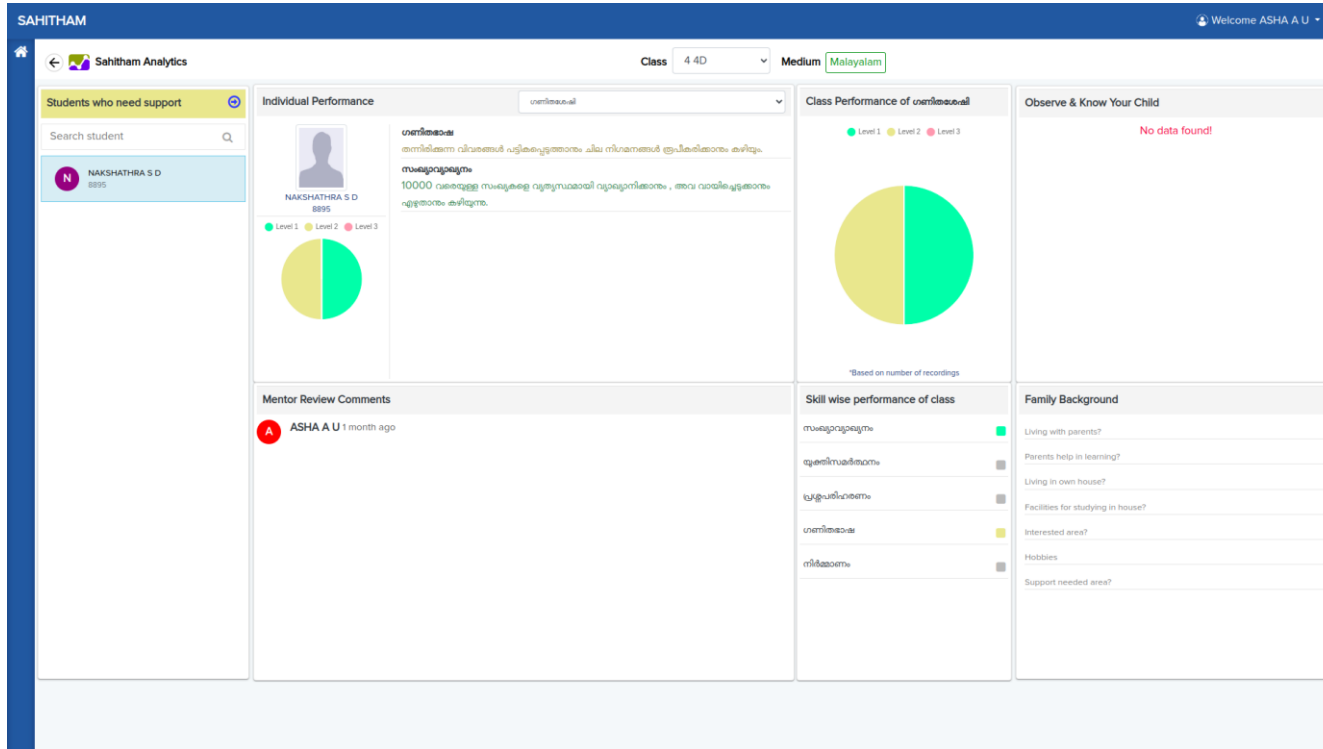
Support needed in

Other (Mention below)

Save

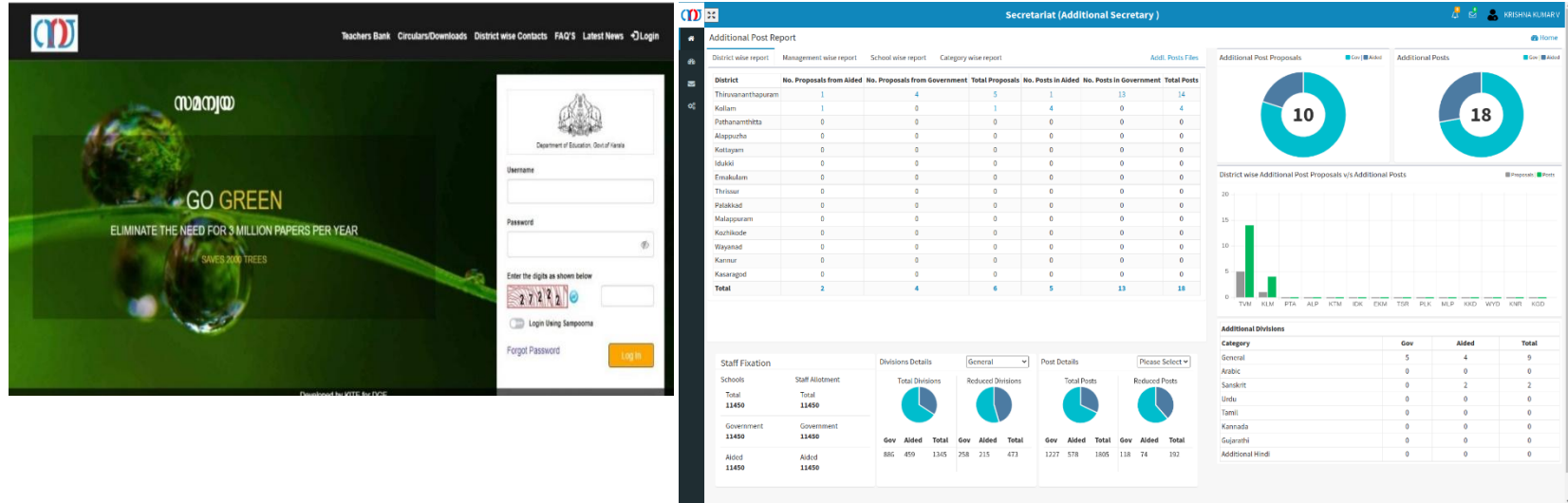
New additions in SAHITHAM Mentoring Portal

Inclusion of Student Analytics



SAMANWAYA

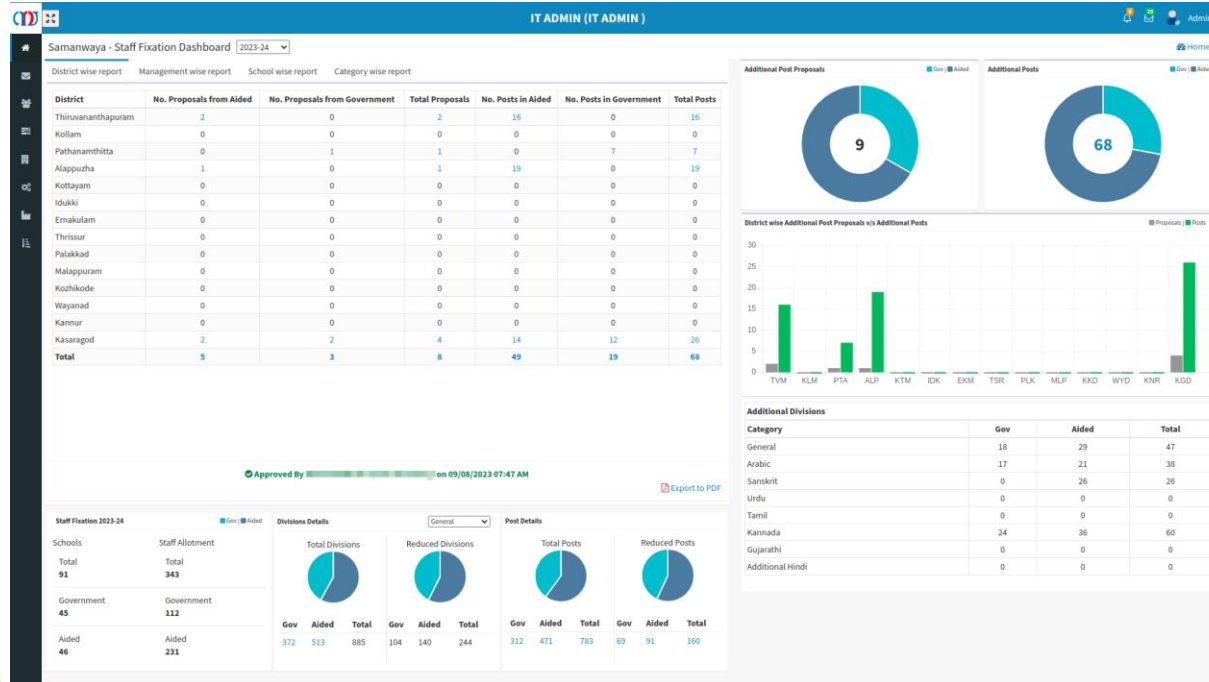
Appointment approval and Staff fixation Software



An online system for approval of appointments of teachers of aided schools and staff fixation of all teachers under General Education Department. Dashboard lists out the details of applications submitted, approved, rejected and those which are put on hold. Application features multiple level monitoring systems for authorities.

New additions in SAMANWAYA portal

New UI for file view, Seniority Rank list & Staff list
Staff Fixation & Additional Post Proposal Analytics Dashboard



RPwD (Rights of Persons with Disabilities) appointment process in Samanwaya Portal

The screenshot displays the RPwD appointment process in the Samanwaya Portal. The page has a green background with a close-up of water droplets. The navigation bar at the top includes links: Search file, Candidate and Vacancy Report, Roster Data, Seniority List, Managements, Teachers Bank, Circulars/Downloads, Contacts, and RPWD Login. The sidebar on the left, titled 'Important Links', contains: Search a file, Teachers Bank, Circulars/Downloads, and Seniority List. The central section, titled 'RPwD Appointments', lists: Candidate List and Vacancy Report, Roster Data, RPWD Login, Interview Schedule, RPWD Appointment- Hand Book, and RPWD Rank List. The right panel, titled 'Department of Education, Govt. of Kerala', contains a login form with fields for Username (superadmin) and Password (*****), a CAPTCHA (52341), and options for Login Using Sampoorna and Login With OTP. A 'Forgot Password' link and a 'Log In' button are also present. At the bottom of the right panel is the 'RPWD Candidate Login' button.

Fully digitalized the end-to-end RPwD (Rights of Persons with Disabilities) appointment process ensuring transparency, accuracy, and efficiency

Online Transfer and Posting of Teachers

Government of Kerala
General Education Department

Home HM/AEO Transfer Intra District Teacher Transfer Inter District Teacher Transfer (IDT)

ONLINE TRANSFER AND POSTINGS

HM/AEO

HM/AEO Transfer 2022-23

- Proceedings dtd 06/06/2022 **NEW**
- Provisional list
- Rank list
- Circular dtd 04/04/2022

Intra District

INTRDA Transfer 2022-23

- Circular dtd 21/06/2022
- Circular dtd 24/05/2022

Inter District

Inter District Transfer

- Circular dtd 05/08/2022
- Circular dtd 18/07/2022

Latest News 2022

For Technical Support tandp@kite.kerala.gov.in

Home | HM/AEO Transfer | Teacher Transfer (Intra District) | Inter District Teacher Transfer (IDT) | Support |

KITE All Rights Reserved

- An online system for applying, tracking and processing Transfer and Posting of teachers, based on their seniority and eligibility.
- Provides hassle free processing of applications

Application for Transfer/Posting

1. Name (Include other name if any)

2. Institution

3. Designation

4. Gender

5. Address (Post Box)

6. Phone Number (Mobile/Office)

7. Mobile Number

8. Email ID (For contact)

9. Date of Birth (DD/MM/YYYY)

10. Date of Birth (DD/MM/YYYY)

11. Date of Birth (DD/MM/YYYY)

12. Date of Joining (DD/MM/YYYY)

13. Date of Joining (DD/MM/YYYY)

14. Date of Joining (DD/MM/YYYY)

15. Date of Joining (DD/MM/YYYY)

16. Date of Joining (DD/MM/YYYY)

17. Date of Joining (DD/MM/YYYY)

18. Date of Joining (DD/MM/YYYY)

19. Date of Joining (DD/MM/YYYY)

20. Date of Joining (DD/MM/YYYY)

21. Date of Joining (DD/MM/YYYY)

User Name: [] Password: [] Education Sub-Unit: [] Selected School: []

New Portal for Online Transfer and Posting of Teachers



പൊതുവിദ്യാഭ്യാസവകുപ്പ്
കേരള സർക്കാർ

Home

Intra District Transfer

DDE Contacts

Login



ONLINE TRANSFER POSTING

GOVERNMENT OF KERALA
GENERAL EDUCATION DEPARTMENT

Latest News

HM/AEO

- HM/AEO Transfer 2024-25
- Circular

Intra District

- Registration Form
- Circular Dated on 08-04-2024
- Circular
- Published Vacancy List
- DDE Contacts

Inter District

About

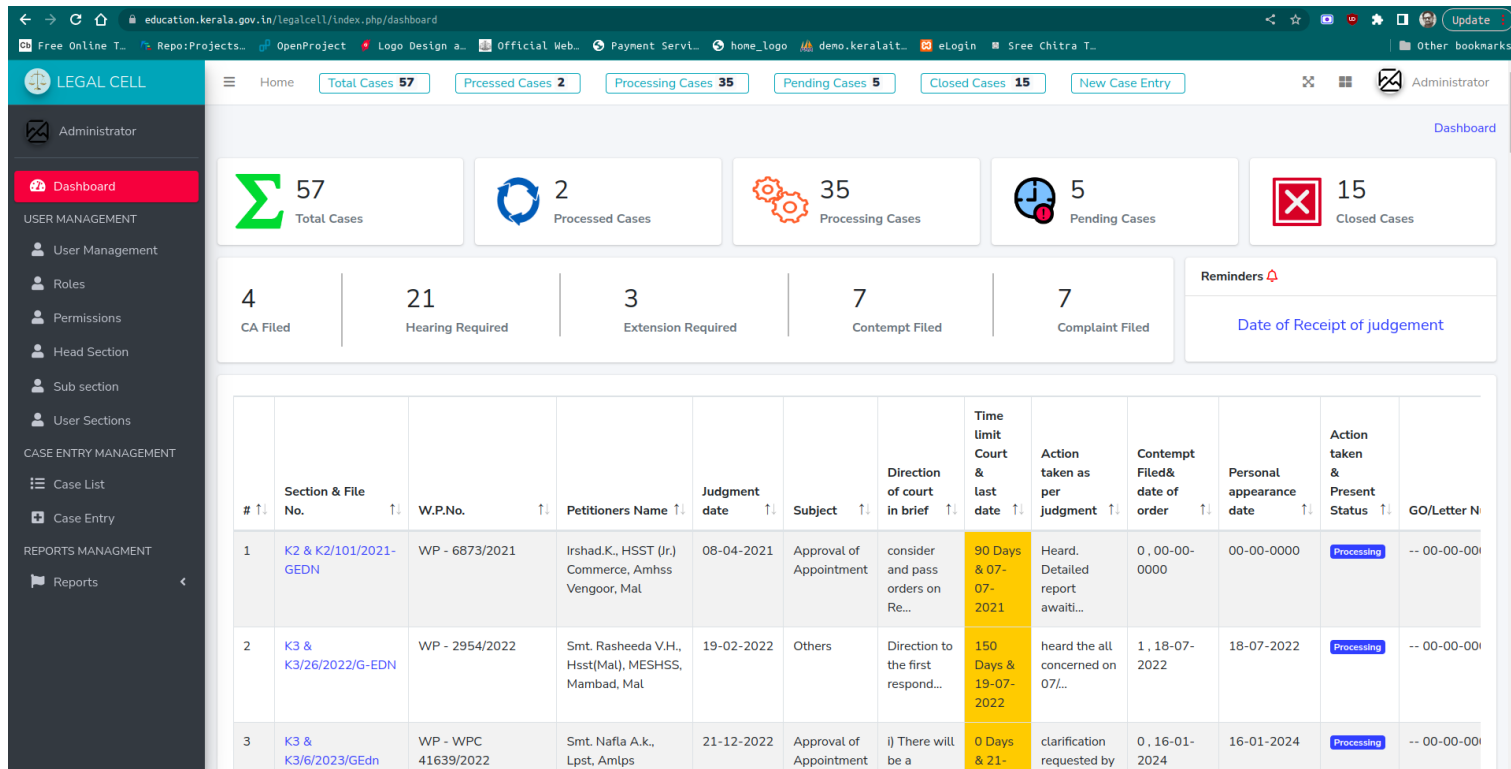
The E-Governance initiative undertaken by KITE (Formerly IT@School Project) to make the transfer and posting of Headmasters and Assistant Educational Officers, Teachers of all Government High Schools/TTI in Kerala online ensures the entire transfer and posting process in general category to be complete within weeks. The move, made by the Department of general Education aims at infusing the element of transparency in the entire process. Every year, the department receives hundreds of applications from teachers requesting transfer to a place of their choice. Through computerized counseling, all the requests are now prioritized according to the reasons indicated in the request.

Vacancy details of Government schools are entered online well in advance, enabling the applicant to view the vacancies even before the application form for transfer and posting is set off. The applicant can request for transfer based on the vacancy. Each candidate can choose up to ten options of schools for transfer in the order of preference.

Since the computerized activity enable a candidate to learn about the vacancies well in advance, only one order could be issued for every transfer aspirant. Moreover, since the conventional mode of transfer and postings was infamous for the corruption involved, a provisional list is made available on the web site to ensure transparency



New application for Legal Cases in General Education Department



New portal for processing AMC Support for ICT equipments beyond Warranty

← → ↺ <https://ict.kite.kerala.gov.in/amc/Admin/stateView> 110% ☆ 📄 📄 📄 📄 📄



MENU

- Home
- Complaint Monitoring
- Replacement
- Home
- Complaint Monitoring
- Replacement
- Reports
- Holidays Updation
- Search Complaint
- Product Details
- Locate a Product
- Manage Users
- Change Password

AMC Management System [Toll Free No. 1800 425 6200](tel:18004256200) Logged In State Admin 

STATE VIEW [<< Back](#)

Total Equipments

75341

Total Complaints

12950

New Complaints

0

Assigned Complaints

4

Pending Complaints

124

Parts Waiting

4

Resolved Complaints

14

Re-open Complaints

1

Closed Complaints

12803

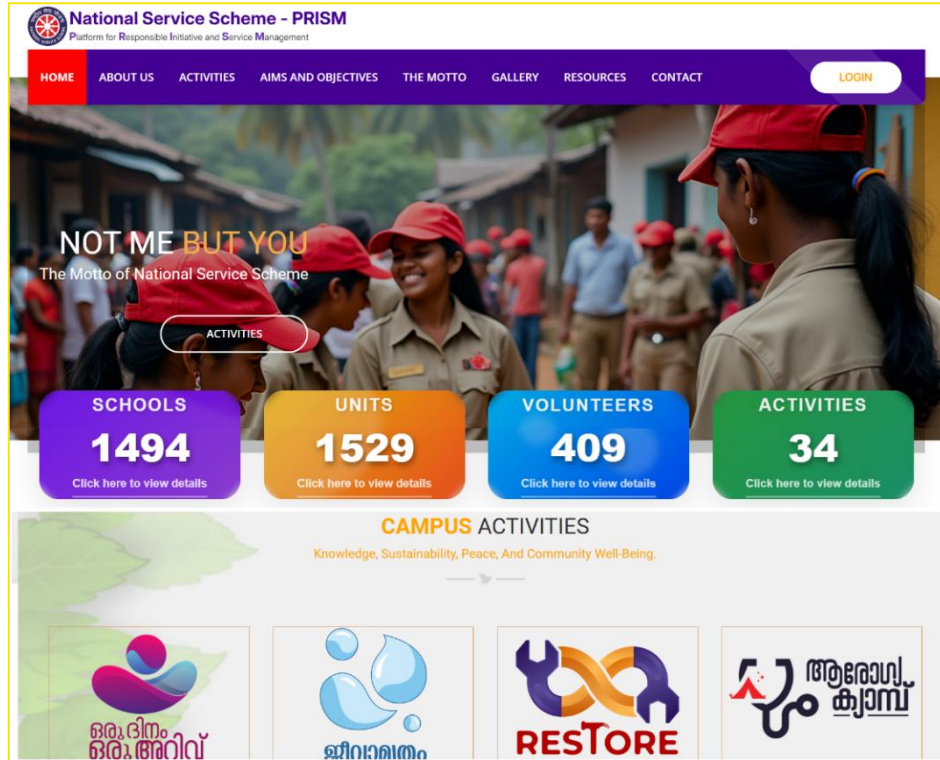
Cancelled Complaints

408

#	District Name	Total	New	Assigned	Pending	Parts Awaiting	Resolved	Closed	Reopen
1	Thiruvananthapuram	1227	0	0	5	0	0	1222	0
2	Kollam	902	0	0	6	0	2	894	0
3	Pathanamthitta	361	0	0	5	0	0	355	1
4	Alappuzha	683	0	0	7	0	1	675	0
5	Kottayam	768	0	0	12	0	0	756	0
6	Idukki	383	0	0	15	0	2	366	0
7	Ernakulam	1146	0	4	11	2	3	1126	0
8	Thrissur	1165	0	0	7	0	0	1158	0
9	Palakkad	1223	0	0	5	0	0	1218	0
10	Malappuram	1461	0	0	15	1	2	1443	0
11	Kozhikode	1386	0	0	12	1	0	1373	0
12	Wayanad	462	0	0	1	0	0	461	0
13	Kannur	1035	0	0	16	0	0	1019	0
14	Kasaragod	748	0	0	7	0	4	737	0
TOTAL		12950	0	4	124	4	14	12803	1

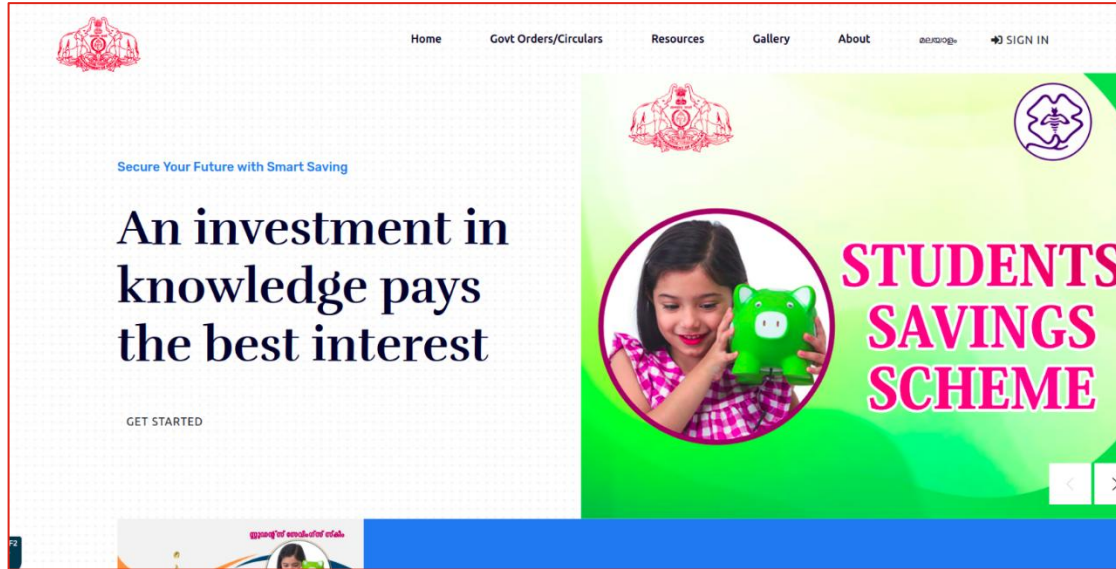
AMC provided to
1,17,093 Laptops &
66,209 Projectors

National Savings Scheme (NSS) Digital Portal for Higher Secondary & Vocational Higher Secondary schools



- Online portal for NSS activities (PRISM-Platform for Responsible Initiative & Service Management).
- 1529 higher secondary school units and 2 Lakh students.
- www.dhsenss.kite.kerala.gov.in
- www.vhsenss.kite.kerala.gov.in

Students Saving Scheme (SSS) Portal



- Digital platform to promote financial discipline, thrift, and responsible money management among students.
- Ensures accountability, ease of management, and helps students build a strong foundation in financial literacy & savings habits from early age.

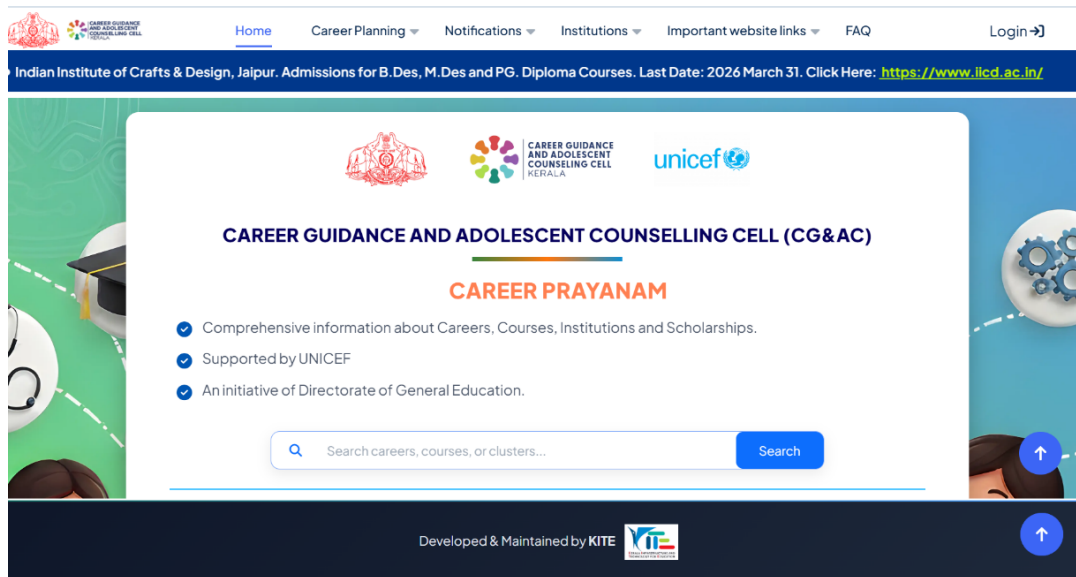
Student Police Cadet (SPC) Management Portal



Programme to develop disciplined, law-abiding & socially responsible citizens among High School and Higher Secondary students.

- Comprehensive digital platform for SPC program.
- Facilitates student registration, activity planning & tracking, attendance management and score entry.
- Portal designed for secure data handling, transparency, system reliability & compliance with Govt IT & security standards,

Career Guidance Portal for info on Higher Education



- Supported by UNICEF
- 'Career Prayanam' www.careerprayanam.education.kerala.gov.in
- Information on Higher Education, employment opportunities & competitive exams.

**400 careers,
900 institutions,
1,000 employers.**

•Career Guidance Portal for information on Higher Education for Career Guidance & Adolescent Counselling.

Reels challenge to showcase schools' excellence

Karakulam school wins first prize in KITE reels contest

The Hindu Bureau
THIRUVANANTHAPURAM

Government Vocational and Higher Secondary School, Karakulam, Thiruvananthapuram district, bagged the first prize in the 'My School My Pride' reels competition organised by Kerala Infrastructure and Technology for Education (KITE).

The second prize was shared by Achyutha Warrior HSS, Ponnani, in Malappuram, and SNDP Higher Secondary School, Udayamperoor, in Ernakulam district.

Third prize

The third prize was awarded to AM Lower Primary School, Idayur, in Malappuram, and HM HSS, Pazhakulam, in Kollam. The jury also recognized four entries with a special mention: GG VHSS, Feroke, Kozhikode; Kochu Kottaram LP School, Njandupara, Kottayam; GHS Vadass-

eri, Malappuram; and MKHM HSS, Mukkam, Kozhikode. There are 101 winners in all. As many as 1,555 public schools from across the State submitted reels through their 'Little KITES' units.

The top 101 reels, all under 90 seconds, were selected from among them.

The top three winners will receive ₹30,000, ₹20,000 and ₹15,000, respectively.

Schools that received special mention will be awarded ₹10,000, and the other winners will each receive ₹5,000.

To be felicitated

KITE chief executive officer K. Anvar Sadath said the 101 schools will be felicitated in a ceremony that will virtually connect all 14 KITE district offices on November 15.

A complete list of the winners and their reels is available on the KITE website www.kite.kerala.gov.in

- Competition for showcasing schools' unique achievements and exemplary practices. .
- "Ente School Ente Abhimanam" (My School My Pride), designed to enhance video production skills of Little KITEs members.
- Schools created engaging short-form video content (Reels) that highlights school excellence.
- All production roles, including anchoring and interviews were handled by students themselves
- 101 school winners from 1555 schools.



Digitalisation of Kalolsavams (Arts Sports & Fairs)

കലോത്സവം 2025 - 26

കാലോത്സവം

Item Code...

VICTORS LIVE STATUS OF STAGES VENUES SCHOOL WIKI MOBILE APP PROGRAM SCHEDULE

LEADING DISTRICTS

District	Points
Thrissur	1023
Kannur	1028
Kozhikode	1017

[VIEW DETAILED STANDINGS →](#)

LATEST RESULTS - PARTICIPANTS

QUICK MENU

Set of exclusive, centralized software portals for smooth, transparent & efficient conduct of major student festivals and sporting events.

Events covered in Kalolsavams (Arts, Sports & Fairs)

Kerala School Kalolsavam

Special School Kalolsavam

TTI / PPTTI Kalolsavam

Varnappakittu (Transgender Kalolsavam) – *Social Justice Department*

Sargolsavam – *Scheduled Tribe (ST) Department*

Technical School Kalolsavam – *Department of Technical Education*

Kerala School Sports and Games

Technical School Sports – *Department of Technical Education*

Kalikkalam – *Scheduled Tribe (ST) Department*



Kalolsavams Portal features

www.ulsavam.kite.kerala-.gov.in

Kalolsavams

- Issuance of official notifications
- Online registration of schools and participants
- Management of contestant details
- Scheduling of programmes and venue-wise timings
- Fee collection and payment tracking
- Result entry, verification, and publication
- Generation of reports at sub-district, district, and state levels

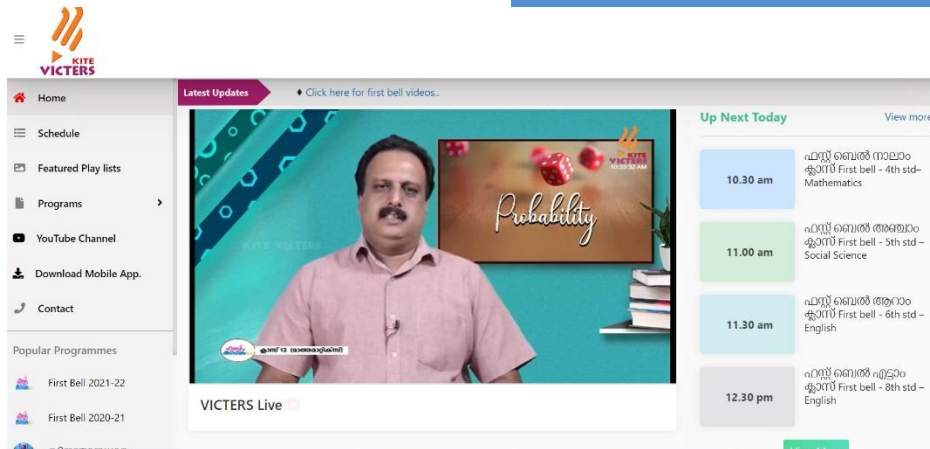
Sports

- Management of Sub-District, Revenue District and State-level Championships
- Athlete registration and eligibility verification
- Event scheduling and result processing
- Automated qualification and advancement logic
- Consolidated reporting and analytics

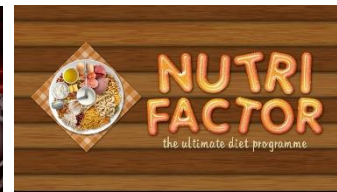


VICTERS – The complete educational channel

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.



New Programmes in KITE VICTERS channel



मेरी मछली नहीं मेरी मछली ecube Hindi Level 3

KITE beams 100 hours of Live Feed during School Sports Meet.



KITE gives technological edge to coverage of State school sports meet

KITE Victers, a State-owned free-to-air children's educational entertainment television channel, is broadcasting live visuals from three key venues starting from 6.30 a.m. till 8 p.m. every day.

The Hindu Bureau
Kochi

The Kerala Infrastructure and Technology for Education (KITE), under the Department of General Education, has implemented a range of technological solutions to give a high-tech edge to the organisation and coverage of the latest edition of the Kerala School Sports & Games 2024 here.

The idea is to ensure that the latest edition lives up to its billing of being modelled along the Olympic Games by combining athletics and games for the first time ever in the history of the meet.

Expanded coverage

Unlike previous years when coverage focussed on a primary venue, this time around all 17 venues were being covered with expanded facilities, for which a team of over 70 technical personnel had been deployed, said K. Anvar Sadath, chief executive officer of KITE.



All 17 venues are being covered with expanded facilities, for which a team of over 70 technical personnel has been deployed.

K. ANVAR SADATH
CEO of KITE



KITE Victers, a State-owned free-to-air children's educational entertainment television channel owned and operated by

KITE, is broadcasting live visuals from three key venues starting from 6.30 a.m. till 8 p.m. every day. The main studio has been set up at the Maharaja's College ground with additional coverage from the Kadavanthra Regional Sports Centre and M.A. College, Kothamangalam. A deferred live model will be followed in the case of other venues.

Highlights

Deployment of hellicam for real-time streaming of cycling events will be one of the highlights of the coverage.

Cycling events in the Under-19 category for boys and girls will be held on the picturesque Container Terminal Road on November 8.

Besides, sprint events are also being covered using hellicam. Live telecast, which commenced with the inaugural ceremony on Monday, includes detailed updates on results, point standings, interviews, and

slow-motion replays of finals on KITE Victers. Renowned sports commentators from the Athletics Federation of India, including Sreekumaran Nair, Giriseldi Xavier, Abhilash, Simi Maryam, and Mahesh, have been roped in to provide full-time commentary.

Viewers can also tune in via the KITE Victers app, victers.kite.kerala.gov.in, KITE's YouTube channel [itsvicters](https://www.youtube.com/channel/UCsivicters), and the e-Vidya Kerala channel.

Photo updates

In addition, SchoolWiki, KITE's dedicated platform (www.schoolwiki.in), has been giving continuous photo updates from all 17 venues. Under the guidance of Little KITES, a network of IT clubs featuring over one lakh student members, student teams have been engaged in handling documentation, creating promotional videos, fillers, and social media reels. Students from Kerala Media Academy are also participating in the documentation activities.

- In December 2024, KITE facilitated 100 hours of Live Telecast of Kerala School Sports Meet through KITE VICTERS educational channel.
- This was later uploaded in its YouTube channel for future viewing.
- Little KITEs members uploaded over 5000 images of the Sports Meet to School Wiki portal.
- Portal developed by KITE portal sports.kite.kerala.gov.in also provided comprehensive details of all competitions including registration, results, progress and meet records.

5 PM eVidya channels allocated to Kerala for Grades 1 to 12



Channel No.103

• Class 1 to 4

Channel No.104

• Class 5 to 8

Channel No.105

• Class 9 to 10

Channel No.106

• Class 11 & 12

Channel No.107

• General Edutainment Programmes

Telecast of these channels started from July 2023.

KITE LENS Educational Content Generation Hub



- KITE Lens inaugurated on 15.05.2023.
- Facilitates creation of attractive and knowledgeable educational contents
- Provides support for teachers in developing their innovative and creative contents.
- Training has been given to teachers for using digital camera and AI, smart phones and AI in producing quality digital contents.
- Educational digital content development process decentralized.



Activities during Covid-19 pandemic phase

KITE, CORONA AND KERALA

Covid-19 shut down schools but learning didn't stop for students of Kerala's government schools, thanks to teachers who tapped tech. **Jinoy Jose P reports**

A 'Rightpass' is first certificate. At 10 a.m., Kerala, 400 km from Mumbai, should be missing. It's May and Kerala, under a Covid lockdown, is under a Government order. The middle-aged school teacher doesn't have to wait the usual 10 minutes for the Government order. The middle-aged school teacher doesn't have to wait the usual 10 minutes for the Government order. The middle-aged school teacher doesn't have to wait the usual 10 minutes for the Government order.



Focused Mr Rajan at work. He heads a lower primary school in Kerala.

systems has been going through a transformation of line and digital learning tools have already been part of that, says K. Anwar Sadath, CEO, KITE, formerly known as IGCSE Project.

Digital divide will hurt girls

Some government schools in Kerala have been using online activities in their classrooms through technology and other digital media platforms as schools are closed due to the lockdown. Following Covid-19 spread, however, Kerala's schools are closed. The government is busy assisting their parents in the field and telling them to stay at home. They are making use of online learning tools because of the work burden they share with their parents and the lack of internet access. Some private schools in the state have managed to implement 'study from home' government schools are struggling to do so.

National Story-Business Line-05.05.2020

First Bell for online classes in State schools from June 1

Sessions to be made available through KITE Vickers channel and other mechanisms for all classes except class 11

First Bell
TELECAST SCHEDULE OF SPECIAL CLASSES

Monday - Friday daily

Class	Telecast	Repeat telecast
XI	8.30 a.m.-10.30 a.m.	7 p.m.-9 p.m.
X	10.30 a.m.-11 a.m.	
IX	11 a.m.-12.30 p.m.	5.30 p.m.-7 p.m.
II	12.30 p.m.-1 p.m.	
III	1 p.m.-2.30 p.m.	
IV	1.30 p.m.-2 p.m.	
V	2 p.m.-2.30 p.m.	
VI	2.30 p.m.-3 p.m.	
VII	3 p.m.-3.30 p.m.	
VIII	3.30 p.m.-4.30 p.m.	
IX	4.30 p.m.-5.30 p.m.	

STAFF REPORTER
THIS SANATHOSHANGAL

Classes for State school students, under the name First Bell, will get under way on June 1 through the KITE Vickers channel and other online mechanisms.

Sessions
The sessions will be held from 8.30 a.m. to 5.30 p.m. from Monday to Friday for all classes from 1 to 12, except class 11, on the channel. The time slots for different classes vary from half-an-hour to two hours.

The programmes will be telecast against. While lessons for class 10 will be conducted at 5.30 p.m. the same day, those for class 12 will be repeated at 7 p.m. For classes 1 to 9, the repeats will be on Saturday and Sunday. The timetable will be available on the KITE Vickers website, KITE Vickers channel, and social media.

Trial basis
In the first week, the classes will be telecast on a trial basis. These will be repeated in the second week.

agencies under the General Education Department such as the State Council of Educational Research and Training, KITE, Sanagra Shiksha Kerala (SSK), and the State Institute of Educational Technology. The SCERT will monitor the academic process and KITE will take up the technical coordination.

Class teachers and school headteachers have been given the task of ensuring that students have access to television, smart phone or computer, and Internet for the classes. If not, they should decide on alternatives to view the classes either in real time or later. The alternatives can include television or Internet facilities of neighbours, friends living nearby.

libraries or Akshaya centres. In distant areas, the help of SSK coordinators, Student Police Cells, National Service Scheme volunteers, or laptops and projectors available with Little KITEs members can be used. If students experience any difficulties, the headteachers can turn to parent teacher associations, local bodies, or Kudumbashree units for a solution.

Teachers should get in touch with the students through phone, social media, or other means for clearing doubts. Sanagra Shiksha Kerala has been tasked with preparing worksheets for students of classes 1 to 7 and monitoring these.

Jan 30

- Kerala reports 1st case in India

Mar 17-25

- Schools closed. Online training provided for 74000 teachers

Mar 23

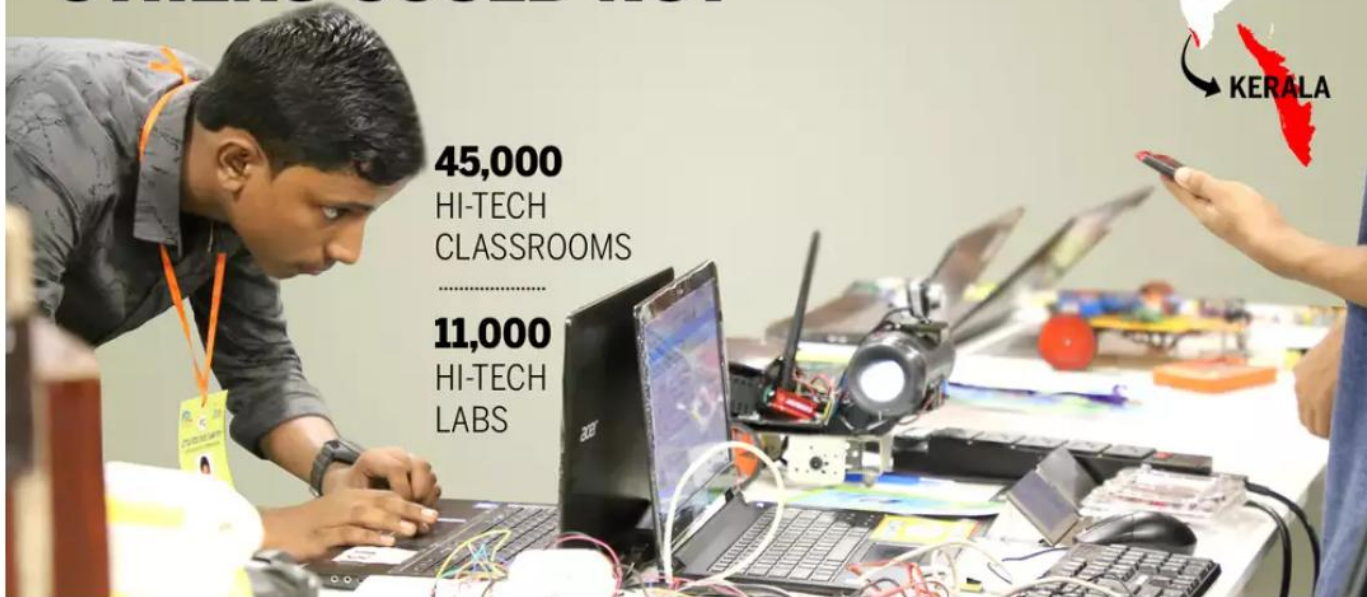
- Complete Lockdown imposed in the Country

Apr-May

- Student engagement programs Avadhikala Santhoshangal & Akshara Vriksham

Article – The Hindu – 30.05.2020

WHAT KERALA DID THAT OTHERS COULD NOT



<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. It's a must. This makes it easier for us to make interactive and answer those questions, we know they'll have. Ananya M, Teacher

SOME BIG NUMBERS

27 TBs of data was downloaded in a single day from the VICTERS website. The subscribers have of their YouTube channel crossed 1 million and 10,000 people downloaded their mobile app during that period

MAKING IT PERFECT

The second phase of First Bell classes began on June 15. A total of 12 lakh teachers and 70,000 students participated in the first week to ensure that these students are not left behind and support would reach them

1.2L

KITE has deployed over 1.2 lakh teachers and 70,000 students in schools for students

BELL'S AN ALL-ROUNDER

The First Bell programme is broadcasted live through the KITE VICTERS channel and Facebook. In addition to this, the classes are also held on the 'YouTube channel' 'Victory' and a whole lot of people watch it there

8/9

Latest trends on campus | Kerala Infrastructure | itsvicters-YouTube

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

HOME VIDEOS PLAYLISTS COMMUNITY CHANNELS ABOUT

HOME

VIDEOS

PLAYLISTS

COMMUNITY

CHANNELS

ABOUT

itsvicters

990K subscribers

SUBSCRIBE

View master

The viewing for the classes created 60 lakh. The classes were also viewed by people from the Middle East, the United States and European countries.

MORE FROM NEWS

SCAN THIS CODE TO READ THE WHOLE STORY

Offline backs

In case of the users find that their devices are unable to view the live class, offline content is offered on the website which can be viewed or downloaded

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

Welcome to your digital classroom

Remember the good old days? When you fared yourself to get up on the last day of summer vacation and woke up just in time to catch the first hour of morning classes from the busy window of your school? Coming back to school was an experience of its own. You would find a brand new set of teachers, classmates and new methods waiting for you on the first day of school to spend the rest of the year working on. This time, the doors and the walls of schools are gathering dust in locked empty spaces as students and teachers are restricted to their homes. How will Kerala reimagine the classroom experience in a world of a pandemic that no one could have prepared for? We take a look.

"COVID was unexpected," says K. Anurag Sathish, CEO of Kerala Infrastructure and Technology for Education (KITE). "Before it hit, we had a clear plan for incorporating technology into our curriculum. The idea was to introduce high-tech classes for students from classes VII to XII. There was a serious plan to introduce broadband internet in every school. We prepared primary and secondary schools on how to use new technology." But also, life has a different plan for them.

On March 18, when the spread of the virus started to hit, many children were already told to stay at home. During this time, teachers were under immense pressure to find a way to adapt to the new normal. This day of the schooling was delayed in the entire KITE network. KITE's Online Programme which trained teachers in online learning, 62,000 teachers passed on March

18, 19 and 20. By this time, a total lockdown was declared across the country. Those students were already at home, thanks to the summer holidays. This time when the alternative dependent first dipped their feet into the virtual learning world with a programme called 'KITE's Online Programme' (KITE Online), which provided a platform for students with a few activities that they could do at home.

Preparing for the pandemic

On June 1, the state government's official online and broadcast-based classes were introduced under the name First Bell. "On June 15, we began working out a strategy," recalls Sathish. "When we thought about all the possible ways we could reach students, when they can't come to school, we came to the conclusion that it is the best method that has the most reach. The internet is not available to everyone. The band will not work for everyone. We decided to broadcast on the free VCTERS channel and on the online learning platform, Edex. A little time is enough, at least half an hour per day. And the classes also offer a few tips on what students can do in the rest of the day. This is a completely blended programme."

In addition to the classes on TV, teachers support their students. A class teacher who may have around 30-35 students, can continuously monitor their students through the 'KITE Online' portal which helps them track the social and academic background of a student and bridge the gap. They decided to use the same model. Sathish explains, "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 academic year. The government has also issued an order that ensures that not a single student will be left out from this programme."

To ensure this promise, every public organisation like the KITE network, NGOs, Local Self Government, PTA associations and NGOs have been mobilised to ensure that teachers get creative the best of every student. In schools, 1.2 lakh teachers, 1000 projects, 4,000 volunteers are available that are offered up to those who need it. The state has also introduced schemes to distribute TV's, 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 rural areas where electricity and internet connections are unreliable. A few teachers have personally visiting the homes of those who were in most need of support. "Nothing is better than a part of the curriculum that has been developed," says Ananya M, an English teacher who is a part of the First Bell programme. "I don't think that there are many deep

outs. Most of the children we have identified have been able to access this programme. Even if there are more students who cannot access it, teachers have been directed to go to their homes with the downloaded videos on our laptops to help them."

Now teachers, "Even though we are recording these videos without the children in front of us, we envision their progress with each and every word that we say in these videos. With our experience, we know what to expect from the average student. We know the struggle for these classes using the knowledge that we have about exactly how the children and their parents. The biggest challenge was to keep it crisp. In a real classroom, it would be very difficult to wrap up these classes in 30 minutes, with all the conversations that we end up having."

School time

From June 15, the video classes in new subjects were broadcast during the time schools already followed. The schedule for classes are from 8:30 am to 5:30 pm

Language layers

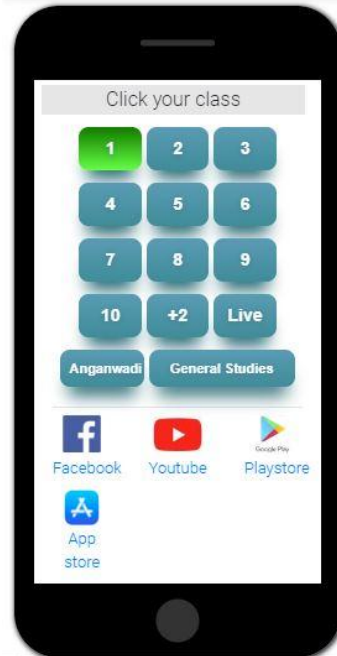
In the second phase, the programme has introduced Tamil and Kannada classes which were prepared by the Pottuvil, Kozhikode and Malappuram district officers of KITE

edu leaps

itsvicters@kite.org



First Bell Digital Classes through KITE-VICTERS



Class	Subject	Total Videos
1	All Subjects	65

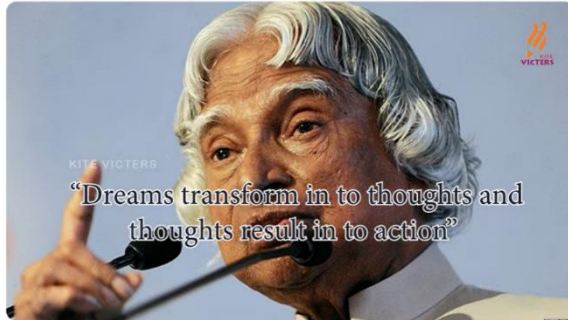
 KITE VICTERS STD 01 Malayalam Class 58 Malayalam	 KITE VICTERS STD 01 Mathematics Class 57 Mathematics	 KITE VICTERS STD 01 English Class 56 English
		

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



First Bell 3.0 through KITE VICTERS channel during 2025-26



First Bell 3.0 STD 05 English Rain in Summer Unit 2 Part 2 Epi 12



First Bell 3.0 STD 10 ENGLISH Trials and Triumphs: In the Attic CH 02
PT 03 Epi 06

- Telecast in KITE VICTERS from July 2025 onwards.
- Content on updated curriculum for Classes 1-10, as a learning support for students.
- Over 1,000 videos have been developed .
- Emphasis on academic activities.
- Lessons for primary classes contain more activities for interactive learning.
- Video lectures for value education lessons,
- Lessons for core subjects, including Science, Mathematics, Social Science and English.

Haritha Vidyalayam Education Reality Show-Season 4

- 1st of its kind in the Country
- Platform for schools to showcase unique initiatives & best practices on a national platform.
- 1st edition held in 2011
- 2nd edition held in 2017
- 3rd edition held in 2022.
- 4th edition being held in 2026.
- Grand Finale held on 28.02.2026
- All videos available at www.hv.kite.kerala.gov.in
- Telecast in KITE VICTERS channel.



885 schools
applied

86 schools
in
1st round

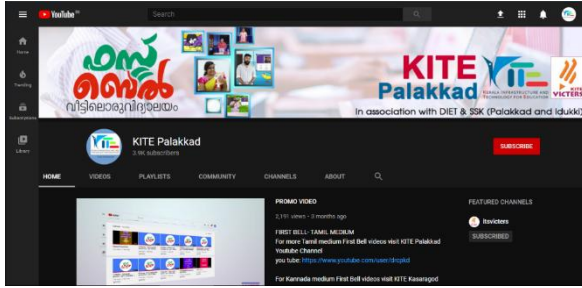
20 schools
in 2nd round



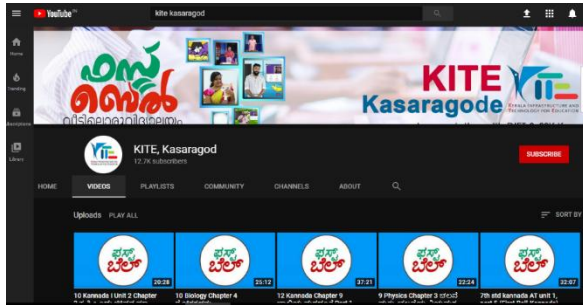
Haritha Vidyalayam Education Reality Show-Season 4-Grant Finale



Supporting those who are needy and special



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



YouTube channel for Kannada classes for students in Kasaragode district



White Board Project

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

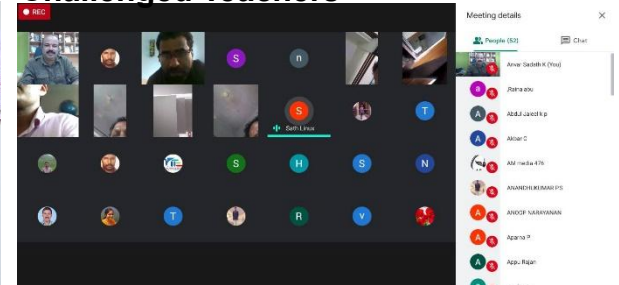
Inaugurated the Online Advanced Computer Training for Visually Challenged Teachers



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 Vickers, into tribal dialects.

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



Mazhavil Poovu Project for Tribal Students

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

Mobile Film making workshop for Teachers



Training in Film Making using Mobile (a 7 day course) was given to 30 selected teachers



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.

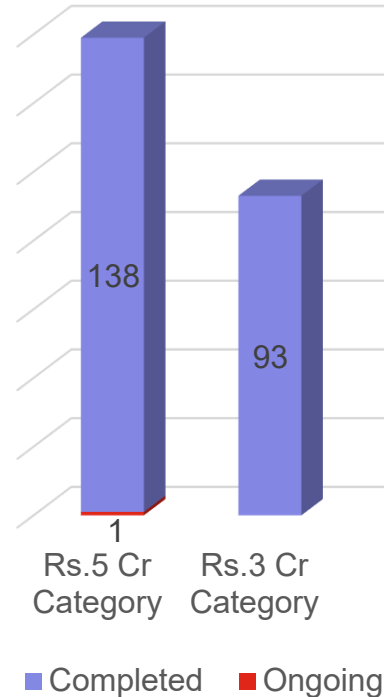


Infrastructure upgradation of schools and colleges

- 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

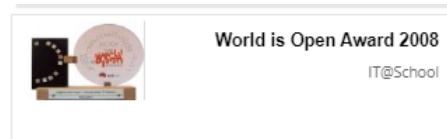
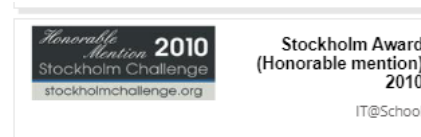
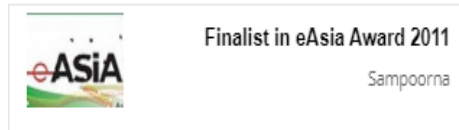
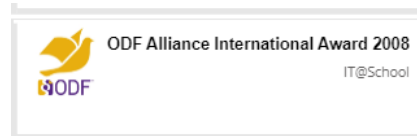
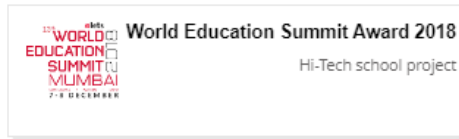
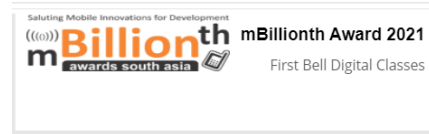
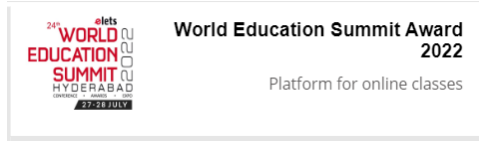


State & National Accolades for KITE

 Governance Now Digital Transformation Award 2025 Samagra Plus AI Learning Platform	 Education Technology Transformation Award 2025 Samagra Plus AI Learning Platform	 Technology Sabha Award 2024 Robotics / AI	 State Television Award 2023 Best Documentary, Best Anchor Best students' Programme
 Technology Sabha Award 2023 E³ ENGLISH	 CM's Award for Innovations in Public Policy 2022 "Little KITEs" & "First Bell" Digital Classes	 Technology Sabha Award 2022 Platform for online classes	 Technology Sabha Award 2022 Platform for online classes
 eGovernance Champion Award 2022 First Bell Digital Classes	 Social Media for Empowerment Award 2021 First Bell Digital Classes	 Technology Sabha Award 2021 First Bell Digital Classes	 State Television Award 2020 KITE VICTERS First Bell (Best students' programme) KITE VICTERS Educational programme(Best Anchor)
 Technology Sabha Award 2020 School Wiki / Akshara Vriksham	 State Television Award 2019 KITE VICTERS Documentary (Best Students' programme)	 CIET-AICEAVF 2018 Award for Best Video programme in Senior Secondary division	 State Television Award 2018 KITE VICTERS Best students' programme KITE VICTERS Best Anchoring (Edu. programme) KITE VICTERS Best Documentary (General) KITE VICTERS Best Commentator KITE VICTERS Special Jury Mention (Documentary)
 Technology Sabha Award 2018 Samagra	 Social Media For Empowerment Award (Special Mention) 2017 School Wiki	 State Television Award 2017 KITE VICTERS- Best narration. KITE VICTERS- Best Educational Programme.	 eIndia Award for ANTS (Animation Training for Students) 2011 IT@School
 National eGovernance Award 2006 IT@School			



International recognitions for KITE (erstwhile IT@School Project)



Thank You



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