

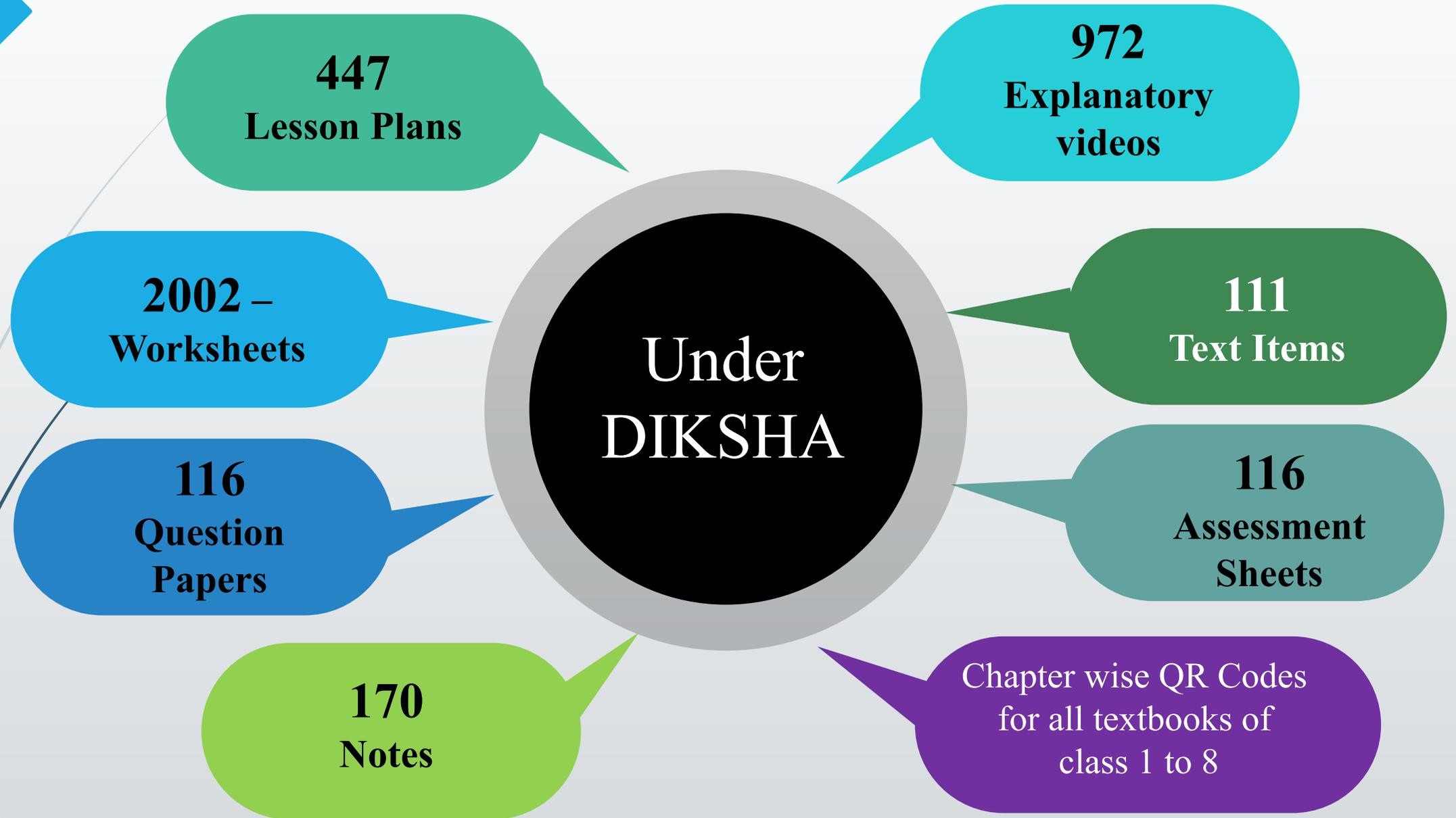


STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

Porvorim, Goa

**DIGITAL
INITIATIVES & BEST
PRACTICES
2022**

DIKSHA – Digital Infrastructure and Knowledge Sharing



Also a total of 234 TV Lesson videos were recorded for 137 lessons from July 2022 to November 2023. Out of which 70 Videos are already uploaded on DIKSHA Platform



VIDYA SAMIKSHA KENDRA (VSK)

DoE signed an MoU with ConveGenius Group on 8th July 2022

School, Teachers & Students Registry Completed by September 2022

Chatbot named PARAKH – Goa was launched on 15th November 2023

Weekly assessment test is conducted by VSK Team to all the schools

Infrastructure development work at SCERT is in progress from January 2023

Glimpses of launch of PARAKH Chatbot under VSK



ICT Curriculum

- The new revised Information Communication Technology (ICT) curriculum for classes VI to VIII was introduced in the A.Y. 2021-22 in collaboration with Coding and Robotics Education in Schools Scheme, Directorate of Technical Education, Porvorim.

The progress made so far in this direction are as follows



- ✓ Developed Teacher's Handbook for VII REGULAR Curriculum to be implemented for the students studying in Government and Government Aided school across the State and was released on 17th June 2022.
- ✓ Successfully completed the training for 95 computer teachers who are identified as Master Trainers and Coordinator Teachers who will be conducting the sessions to all the remaining 500+ computer teachers teaching in Govt and Govt Aided schools.
- ✓ Designed the calendar for the Handholding sessions to be conducted in all the talukas for the computer Teachers for smooth implementation of the curriculum in the schools.

NISHTHA

01

NISHTHA 1.0

2970 Primary school teachers have completed successfully the NISHTHA 1.0

02

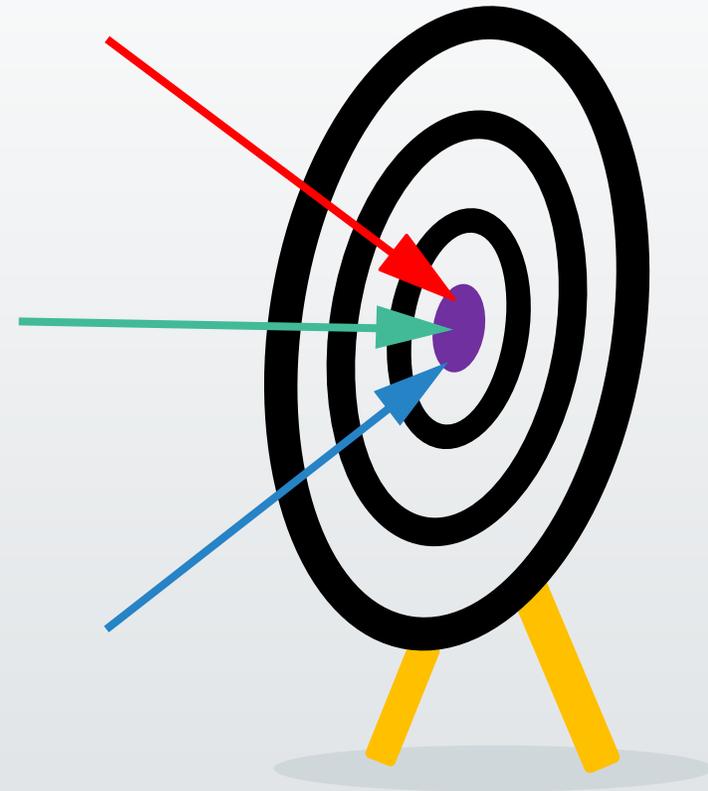
NISHTHA 2.0

5810 Secondary (including Higher Secondary) school teachers have completed successfully the NISHTHA 2.0

03

NISHTHA 3.0

4200 teachers have completed most of the NISHTHA 3.0 Courses





Enhancing Civic Engagement (ECE)

The Enhancing Civic Engagement (ECE) program has been meticulously designed to help students become responsible, productive, and democratic citizens of their country. Targeted at primary, upper-primary, and secondary schools in Goa.

Three core Themes of the ECE

01

HYGIENE AND SANITATION:

Process of proper treatment and disposal of waste material and disinfecting the area thoroughly

02

WASTE MANAGEMENT:

Process of managing the waste systematically collection, transport, treatment, and disposal of waste sustainably

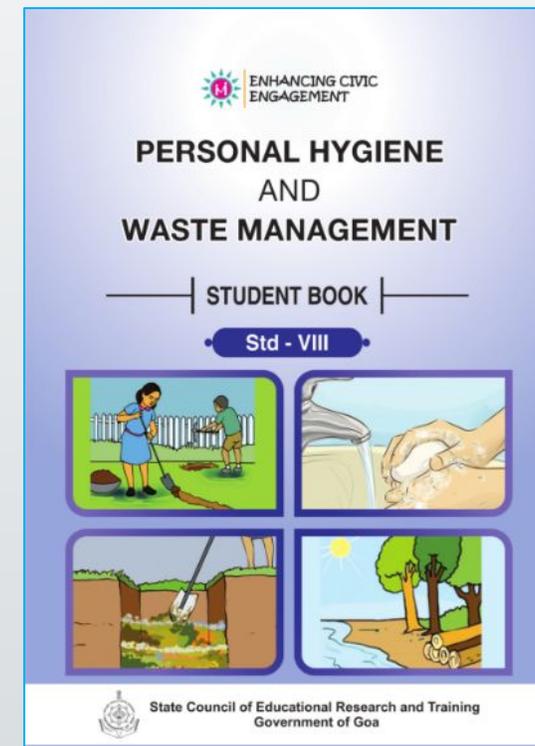
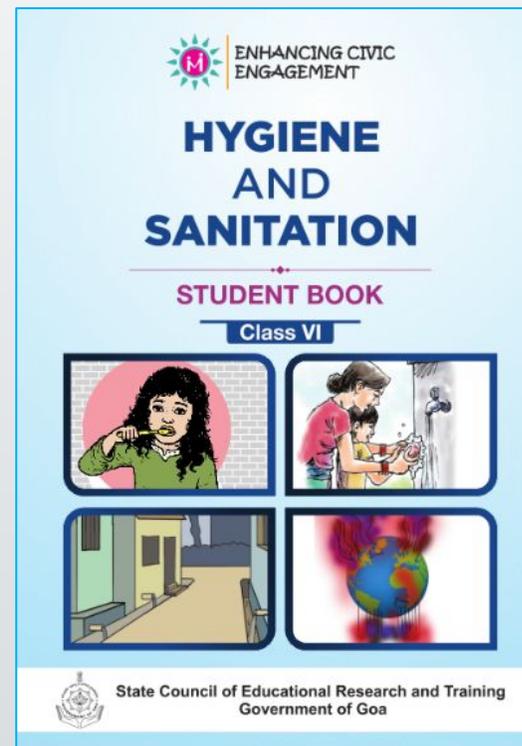
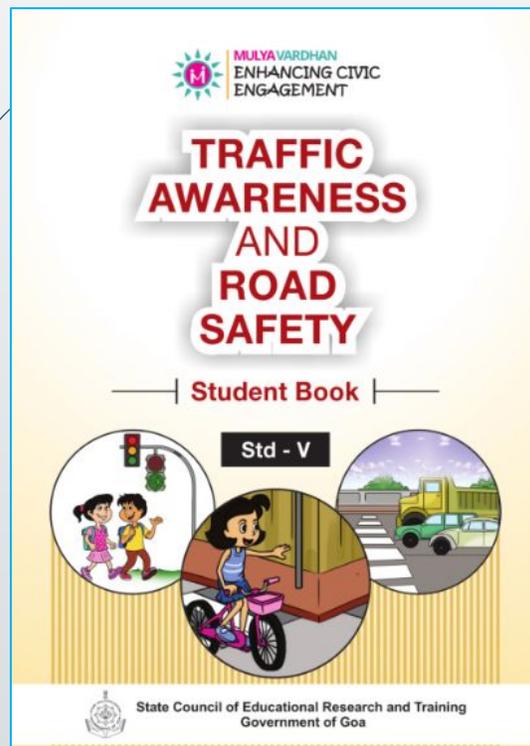
03

TRAFFIC AWARENESS AND ROAD SAFETY:

Process of understanding the traffic signs, traffic rules, and nurturing personal behavior that makes the conditions safe for humans and animals on roads.

Content of ECE has been integrated in the Textbook of Std. V to VIII in the following books:

- Std. V: Looking Around Part- II
- Std. VI : Science
- Std. VII: Science Part-II
- Std. VIII: Science Part-II



ACTIZENS' Club Program

Desh Apnayen Sahayog Foundation's ACTIZENS' Club program strives to do the same by introducing innovative and experiential civics education learning programs in schools.

The ACTIZENS' Club program gives students a chance to:

Take part in innovative activities that are (a) aligned to civic and social issues, (b) based on a new theme every month and (c) easy to download online and use

Have 21st century skills

Expand their knowledge base on pertinent social and global issues

Display leadership skills, be it as the President, the Secretary or a member of the Club

Experience the power of volunteering for the improvement of their community

Feel a sense of ownership and responsibility towards their country

Access trainings and orientation programs

The Mobile Science Lab (MSL) by Agastya International Foundation

- The Mobile Science Lab (MSL) is a very powerful and innovative instrument to revolutionize rural education and make hands-on education increasingly accessible. It is a catalytic channel that is fun, engaging and interactive, aimed to raise awareness among disadvantaged children and teachers of the value of learning - with a focus on science. Each MSL travels to doorstep of remote schools with 100+ hands-on science models covering a wide range of topics in Physics, Chemistry and Biology for Class 5 through 10. The teaching approach is consistent with the National Curriculum Framework and the topics overlap the NCERT syllabus.



- ✓ Student exposures through classroom sessions/school visits/Explore Play Learn Session
- ✓ Smart TV Sessions
- ✓ Community Visits
- ✓ Science Fairs
- ✓ Summer and Winter Camps
- ✓ Teacher Training Program

VIDYANJALI

- VIDYANJALI 2.0 – A School Volunteer Programme, an initiative of the MoE, Government of India is being implemented in the State in 2021-22. Nodal Officers at the State and District level are nominated to look after the implementation of the programme.
- So far 8 Volunteers individual/ organisations have registered and 172 requests have been raised by Schools.

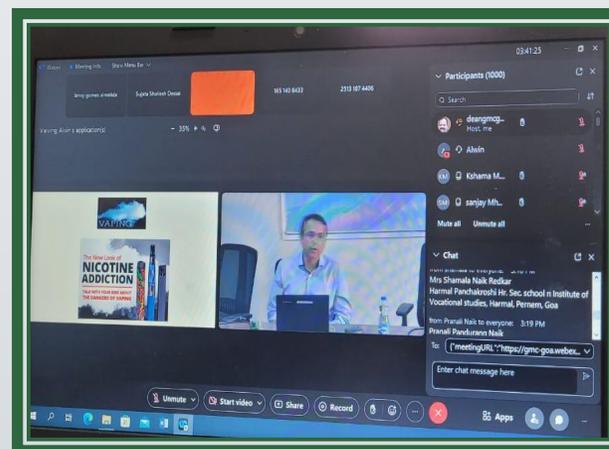
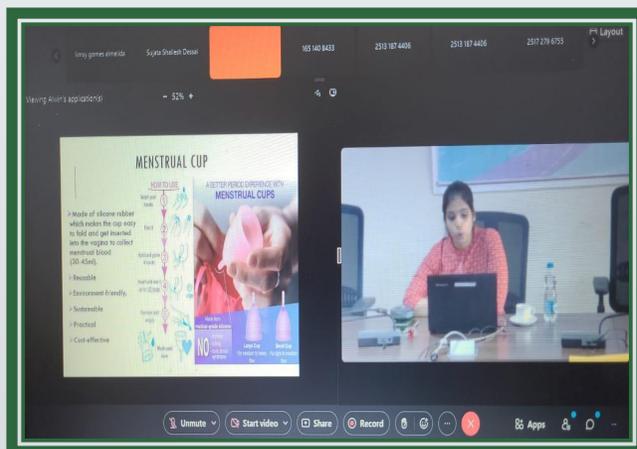
Smart Classrooms Project under Smart City Mission

- Under " Smart Classrooms - Enhancing ICT learning environment in Government Schools in the jurisdiction of Corporation of the City of Panaji" project, two schools i.e. Govt. Primary School Panaji Central and Dr. T. B. Cunha Govt. Higher Secondary School Campal Panaji are being developed by Directorate of Education, SCERT Goa and Goa Samagra Shiksha in collaboration with Imagine Panaji Smart City Development Ltd. under Smart City Mission.
- The above project includes 12 Nos Digital Board / Smart Class room solution (5 for GPS Panaji Central & 7 for Dr. T.B. Cunha Hr. Sec. School), 07 Laptops & 07 Projectors for Dr. T. B. Cunha Govt. Higher Sec. School, 60 Nos of E-Books Reader /Tablets with Digital Content for Primary School Children with 05 Auto Charging Trolley and 12 Nos of Uninterrupted Power Supply (UPS) 5 for GPS Panaji Central & 7 for Dr. T.B. Cunha Hr. Sec. School.



World NO TOBACCO DAY and Menstrual Hygiene Awareness

- Goa Medical College in association with Indian Medical Association Medical Students Network (*IMA MSN*) and SCERT Goa1 had organised an online Webinar on 27th May 2022 from 3.00 p.m. to 4.30 p.m. for teachers of all Secondary and Higher Secondary Schools in the State of Goa.
- The Webinar was held to commemorate the occasion of two important days, i.e. 28th May is "World Menstrual Hygiene Day" and 31" May is "No Tobacco Day" which was held through virtual mode.
- Dr. Rini Naik Consultant Obstetrician and Gynaecologist and Dr. Govind Desai MD Respiratory Medicine, Senior Chest Physician were two eminent speakers for the Webinar.





Thank You