

Student ICT Course- Year 01 Implementation Plan

Plan	Coverage	Year 1	Year 2	Year 3
Pilot	1000 Govt. Secondary schools covered under IT@Schools in karnataka Project in 2016-17	2019-20 Class 8 students	2020-21 Class 9 students	2021-22 Class 10 students
Implementation	1718 Govt, Secondary schools - 1000 schools covered under IT@Schools in karnataka Project in 2017-18 + 718 schools in HK region	2020-21 Class 8 Students	2021-22 Class 9 Students	2022-23 Class 10 students
	2300+ Govt. Secondary schools covered under IT@Schools in karnataka Project in 2018-19	2021-22 Class 8 Students	2022-23 Class 9 Students	2023-24 Class 10 students
	From the academic Year 2024-25 Student ICT Course will be a continuous process in all Government Secondary Schools from Class 8 to Class 10			

Pilot Programme:

Stage 1: Student ICT Course year-1 will be implemented during 2019-2020 on a pilot basis in 1000 Government Secondary schools across the State which were covered under IT@Schools in Karnataka project in 2016-17.

- Student ICT Course Year-1 to be rolled out for all students of Class 8
- 3 periods per week to be allotted for rolling out the course
- Teachers who have undergone Induction 1 and Refresher course under Teachers ICT Training should impart student ICT course
- The Headmaster should allot ICT sessions to the teachers considering the workload and equal work distribution
- In this piloting year at least 5 units out of Student ICT Course Year-1 should be covered
- Teachers should demonstrate the activities as per the instructor note and facilitate incidental learning
- Proper grouping of the students should be done and teacher should see that all the students are engaged and contributing towards completion of activities

- Prior to the beginning of the session mentor/teacher should check availability of all software and hardware components required for that particular session
- Students should do a small project work to showcase their learning based on which teachers have to assess and grade them

Stage 2: Student ICT Course year-2 will be implemented during 2020-2021 on a pilot basis for class 9 students in 1000 Government Secondary schools where Year-1 course is already piloted. Students in groups have to submit a project at the end of the year on which grades will be awarded.

Stage 3: Student ICT Course year-3 will be implemented during 2021-2022 on a pilot basis for class 10 students in 1000 Government Secondary schools where Year-1 & 2 course is already piloted. Students in groups have to submit a project at the end of the year on which grades will be awarded.

E-certificate: After completion of 3 year Student ICT Course, students will get course completion certificate from DSERT which they will have to download from the website.

Student ICT Course Implementation:

Stage 1:

- **Year 1:** After analysing the progress, challenges and issues faced during piloting Student ICT course Year-1 in the year 2019-20, this programme will be implemented in 1718 Government Secondary Schools with necessary modifications in the year 2020-21 for students of Class 8
- **Year 2 :** Student ICT course Year-2 will be implemented in these schools in the year 2021-22 for the students of Class 9
- **Year 3 :** Student ICT course Year-3 will be implemented in these schools in the year 2022-23 for the students of Class 10

Stage 2:

- **Year 1:** Student ICT course Year-1 will be implemented in the remaining 2300+ Government Secondary Schools in the year 2021-22 for students of Class 8.
- **Year 2 :** Student ICT course Year-2 will be implemented in these schools in the year 2022-23 for the students of Class 9
- **Year 3 :** Student ICT course Year-3 will be implemented in these schools in the year 2023-24 for the students of Class 10

Stage 3: From the academic Year 2024-25 Student ICT Course will be a continuous process in all Government Secondary Schools from Class 8 to Class 10.

E-certificate: After completion of 3 year Student ICT Course, students will get course completion certificate from DSERT which they will have to download from the website.

Proposed time table:

There are 45 periods available per week per class - 1 period spanning for 40 minutes

- ★ First language - 6 periods
- ★ Second language - 5 periods
- ★ Third Language - 4 periods
- ★ Math - 6 periods
- ★ Science - 6 periods
- ★ Social science - 6 periods
- ★ Physical education - 4 periods (3 + 1 Mass PT)
- ★ ICT in Education - 3 periods
- ★ Craft - 2 periods
- ★ Library - 1 period
- ★ Moral education - 2 periods

1 Period out of 2 Library periods and 2 SUPW periods are proposed for ICT in education.

Note For Mentors/Teachers:

- Check availability of prerequisite software and applications to carry out the sessions in all the computers. If not available, install them by running commands in the “Terminal” using the “Installation guide” (refer pg.no:12-15 in this document)
- Create all software shortcuts on the desktop of all computers
- Familiarize yourselves with required file extensions
- Explore the software thoroughly before beginning with the sessions
- Ensure internet access to every computer before carrying out the sessions that require internet
- Install different browsers - Mozilla Firefox, Google Chrome, Internet Explorer, Safari, Opera, etc - in every computer
- Explore LibreOffice / Open Office package before conducting the sessions related to Processors and Processing
- Encourage students to explore tools and applications
- Provide textual material, pictures/images, audios and videos required to carry out the sessions
- Plan a schedule for activities like audio and video recording, where they can come in groups and do the recording
- Create individual folders for each student groups to save their activities
- Encourage/Practise incidental learning
- Orient the students on the project activity which they have to submit at the end of the course before beginning Unit 2 in Year-1 course
