MAJOR COMPONENT- Quality Interventions
SUB-COMPONENT- ICT and Digital Initiatives
ACTIVITY MASTER- Recurring Components (ICT & Digital Initiatives upto Highest Class XII)
ACTIVITY- ICT and Digital Initiatives

1.Progress Report in r/o ICT and Digital Initiatives 2019-20

Progress of ICT and Digital Initiatives2019-20

CONNECTED CLASSROOM

Amount approved in PAB 2019-20 (In Lac)

Total outlay of Rs.5186.424 Lac i.e with the unit cost of Rs.5.08972 Lac.

Status of the project for the financial year 2019-20

Connected classroom project has been established in 55 Govt. schools by providing 40 student devices per school. These are being enthusiastically utilized by students.

A total outlay of Rs 5186.424 Lac was approved at unit cost of 5.08972 Lac per school. However, no funds have been released by MHRD under this project during FY 2019-20 and therefore could not be implemented.

Smart Classroom/Digital Boards

PAB 2019-20 approved installation of digital boards in 75 schools at an outlay of Rs.82.5 lac and expenditure for Rs.82.50 lac was incurred.

ICT @School project

The Centrally Sponsored Scheme of ICT in schools was started in 2010 by MHRD. The proposal of the Directorate of Education for coverage of 594 schools were approved by MHRD in Oct. 2010 and coverage of the remaining 516 schools was

approved in May, 2011 taking the total number of schools under ICT project to 1110. A proposal from TCIL, a Govt. of India enterprise for implementing the project was received in July, 2011. The Govt. of Delhi approved engagement of TCIL on nomination basis in July 2012. However the vetting of the various clauses of the agreement by the IT, Law & Finance Department was a protracted process and the agreement with TCIL could be signed only in Oct.2013.

As per agreement signed with TCIL, the project should have been commissioned by TCIL on or before 15th April, 2014. However, TCIL could not complete the tendering process in time and therefore, it was granted an extension and the project started only in July 2015.

Project for the financial year 2019-20

Rs. 1482.04 Lac was approved by PAB 2019-20 for the ICT@School project.

An amount of Rs.100.00 lac was released to M/s TCIL for the recurring cost of this project.

2.Proposal for ICT and Digital Initiatives in AWP&B 2020-21

Establishment of ICT Labs under ICT @ school project.

BACKGROUND

The Centrally Sponsored Scheme of ICT in schools was started in 2010 by MHRD. The proposal of the Directorate of Education for coverage of 594 schools were approved by MHRD in Oct. 2010 and coverage of the remaining 516 schools was approved in May, 2011 taking the total number of schools under ICT project to 1110. A

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OBJECTIVE OF ICT@SCHOOL SCHEME

- ▶ To develop skills that will enable students to function as discerning students in an increasingly digital society
- ▶ To access various tools and applications for learning and skill development opportunities
- ▶ To operate a variety of hardware and software independently and troubleshoot common problems and using the ICT facility with care, ensuring the safety of themselves, others and the equipment
- ▶ To create a variety of digital products using appropriate tools and applications and saving, storing and managing digital resources
- ▶ To practice safe, legal and ethical means of using ICT.

MAJOR COMPONENTS OF ICT LAB

- ▶ One server with 10 computer terminals.
- ▶ Printer (1), Projector (1), UPS(1), Web Camera(1), Modem with Internet connection, Scanner(1).
- ▶ Computer tables (11) & Chairs (22), Printer table (1), Instructor table (1).
- ▶ CD Drive (400), Ream papers (20), Printer Cartridge (4)- Per year.
- ▶ Educational software for all subjects from VI to XII.
- ▶ Internet connection at least with the speed of 2 MBPS in each school for full time. The project is for five years from the date of installation and commissioning of the project.

Progress under ICT @School Scheme

All the resources and infrastructure may increase depending upon the strength of the students in the school.

CURRENT STATUS	
Total Schools Allotted	1174
Total ICT Labs installed	1110
Recruitment Status :	
Permanent TGT Computer Science posted in School	1122
Teachers Training :	
Total teachers trained till date…	10,020

PAYMENT AND BUDGET DETAILS OF ICT@SCHOOL SCHEME:

Year	Budget received from central Gov.	Cumulative of Central Govt.	Budget received from State Govt.	Cumulative of State Govt.	Payment made to M/S TCIL	Cumulative
2010-11	399	399	NIL	NIL	NIL	NIL
2011-12	639.98	1038.98	NIL	NIL	NIL	NIL
2012-13	NIL	1038.98	NIL	NIL	NIL	NIL
2013-14	NIL	1038.98	NIL	NIL	NIL	NIL
2014-15	NIL	1038.98	NIL	NIL	NIL	NIL
2015-16	NIL	1038.98	320.00	320.00	1280.00	1280.00
2016-17	NIL	78.98	NIL	NIL	NIL	NIL
2017-18	800.29**	78.98	533.00+ 467.00= 1000.00	533.00	1800	3080.29
2018-19	NIL				1820.10	4900.39

	April-June 2019	July - Sept. 2019	Oct-Dec 2019	Jan- March2020	Fy 2019- 2020
Recurring Expenditure	47337000	47337000	47337000	47337000	189348000
Non-Recurring Expenditure	28416000	28416000	28416000	28416000	113664000
				Total	**303012000**

TOTAL BUDGET PROPOSED

(Fin. In Lac)

Sl. No.	Nature	Fin.
1.	Spill over	5227.04
2.	Fresh proposal (2019-20)	3030.12000
	Total	**8257.16**

3.Recommendation of Technical Support Group (TSG)

1. PROGRESS OF ICT: DELHI

Progress of ICT since inception		
	Elementary Schools	Secondary Schools
Number of Schools Approved	0	1174
Number of Schools Completed 5 years	0	0
Number of Schools Receiving Recurring Grant	0	1106
Total Functional	0	1106
Number of Schools Not Started	0	68

68 Schools are not functional which are approved in 2016-17. 1106 schools receiving recurring grant are approved in 2011-12 and functional from July 2015.

2. CURRENT PROPOSAL: ELEMENTARY

UT has not proposed any requirement of funds under this component.

3. CURRENT PROPOSAL: SECONDARY

(Amount in Lakhs)

Sr. No	Details	Approved Budget (Prev. Years)	Expenditure (Previous Year till 31st march)	% of Expenditure against Approval	Proposal			Recommendation		
					Phy.	Unit Cost	Fin.	Phy.	Unit Cost	Fin.
	Non-Recurring									
1	Digital	6565.40	1820.10	27.72 %	131794	0.15	19769.1	0	0	0

	Hardware									
2	SMART Classroom	0.00	0.00	0 %	78	1.1	85.8	4	1.1	4.4
	Total Non-Recurring	46.02	46.02				19854.9	4	1.1	**4.4**
	Recurring									
1	Recurring Cost (ICT & Digital Initiatives) (New)	1482.04	1000.00	67.47 %	1022	5.18972	5303.89384	1106	0.904	1000.0
	Total Recurring	1482.04	1000.00				**5303.89**			**1000.0**

Observation:-

a) UT has proposed an amount of 19769.1 Lakh under Non- Recurring Head for Digital Hardware.The proposed amount is to distribute tablets131794 students in class XII.

The proposal is to distribute tablets to the XII class students whoare appearing board exams 2020-21 so that these students can also study from home using various educational apps available on the play store. There are approximate 131794 students in class XII. The approximate cost of the tablet is Rs 15,000/-

b) UT has proposed for an amount of Rs.85.8 Lakh under Non- Recurring head for Smartclassroom in 78 schools at a unit cost of 1.1 Lakh per school.

The proposal is to cover 78 left out schools in an initiative to digitalize all the Government schools. In 2019-20 an amount of Rs. 82.50 Lakh was approved for 75 schools under Project Innovation Secondary.

Out of 78 schools, 40 schools are already approved under ICT. As per UDISE+ 2018-19 facilities like ICT/Digital board etc. are already available in 32 schools and 2 schools are upper primary only schools. So 4 schools are found eligible.

c) UT has proposed an amount of Rs.5303.89Lakh under recurring head for 1022 schools.

As per PMS there 1106 schools receiving recurring grant. These schools are approved in 2011-12 and functional from July 2015.

Recommendation (Secondary):-

a) The proposal of UT for an amount of 19769.1 Lakh under Non- Recurring Head for Digital Hardware is not recommended as there is no provision of providing Tablets to students under ICT.

b) An amount of Rs.4.4 Lakh is recommended under Non- Recurring head for establishment of Smart classroom in 4 eligible schools at a unit cost of Rs 1.1 Lakh.

c) An amount of Rs. 1000.0 Lakh is recommended for 1106 schools as per the UC provided by UT.

5.CURRENT PROPOSAL: DIKSHA:

(Amount in Lakhs)

Details	Proposal			Recommendation		
	Phy.	Unit Cost	Fin.	Phy.	Unit Cost	Fin.
Capacity building and Training for Teachers, Educators and State officials for usgae of DIKSHA	75	0.00346	0.2595	75	0.00346	0.2595
Development of Digital Content	40	0.613	24.52	40	0.613	24.52
Total			**24.78**			**24.78**

Observation:

UT has proposed for an amount of Rs. 24.78 Lakh for implementation of DIKSHA. Detailed list of activities proposed in given below:

S. No.	Activity	Phy.	Unit Cost	Fin (In lac)
a.	**Capacity building and training for Teachers, Teacher Educators for usage of DIKSHA:** ➤ **Online:** Orientation of 10000 Teachers regarding DIKSHA ➤ Two days workshop for 25 Faculty & 50 subject coordinators with two resource person from each subject.	10000 75	- 0.00346	Nil (In online orientation expenditure) 0.26
b.	**Creation and Curation of Digital teaching learning material for uploading on DIKSHA :** ➤ Content development for OCBP for academic and non academic subject.	05 training content	1.00	5.00
	➤ 20 resource materials which will be developed by SCERT in e-pub format for its wider dissemination through website DIKSHA	20 manuals	0.20	4.00
c.	**Content creation for Energized text books:** ➤ Creation and curation of Digital Library for Class 12.	06 Chapters	0.42	2.52
	➤ SCERT will develop animation in ICT in education for class-6 & class-7.	05 Chapters (Class 6- 04 Chapters Class 7- 01Chapter)	2.00	10.00
	➤ Distribution of Digital Library for class 10 in QR code form (Hardcopy) to the teachers	04 Books (Total 9000 copies)	0.75	3.00
	Total DIKSHA Budget			**24.78**

- As per the latest report available on DIKSHA UT has uploaded 236 materials on the DIKSHA portal.

Recommendation:

Recommended an amount of Rs.0.2595 Lakh for Capacity building and training of Teachers& Teacher Educators for usage of DIKSHA. An amount of Rs. 24.52 Lakhis also recommended for development of digital contents for uploading on DIKSHA

4.Costing of Project Approval Board (PAB)

Sub Component	Activity Master	Level	Physical	Unit Cost	Financial (In lac)
ICT and Digital Initiatives	ICT and Digital Initiatives (upto Highest Class XII)	2020-21			
	Connected Classrooms (Spillover)		1022	5.18792	5302.05424
	Digital Classroom Technology (K-Yan) (1019 + 78 left out -2018-19) - Non Recurring (Spillover)		78	1.1	85.80
	ICT @ School Project (Recurring)	Spillover	1110		1893.48
	ICT @ School Project (Non Recurring)	Spillover	1110		1136.64
	ICT @ School Project (Spillover) upto March 2019				5227.04
	Providing Tablet to 12th Class Students		131794	0.15	19769.1
	Virtual Classroom/Lab		58	16	928.00
	Total of ICT and Digital Initiatives				34342.11424