

ANNEXURE I



Regional Institute of Education (NCERT), Bhopal

Teacher Questionnaire on Implementation of ICT at the upper primary level.

Teacher information-

Age

18-30	31-40	41-50	51-60

Gender

- Male
- Female

The average number of students per class-

20-25	25-30	30-35	35-40+

Teaching Experience (years)

0-5	5-10	10-15	15-20	20-25	25-30

Highest Qualification

Q.1 Availability of smart board/internet in your school?

- Yes
- No

Q.2 Do you use computers/the internet for the following activities?

Preparing Lesson Plan	YES		NO	
Class teaching with a computer (smart board)/internet	YES		NO	

Q.3 How often do you use ICT in your class in a week?

Ones	Twice	Thrice	More than thrice

Q.4 For how many years have you been using a computer or internet at school?

Less than one year	Two to four years	Four to six years	More than six years

Q.5 Do you use internet/social networking (WhatsApp group, google class, google meet, email, links, youtube, google drive) for interacting with your students?

- Yes
- No

Q.6 Is ICT helpful in conducting practicals?

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Q.7 Is your teaching more effective without using ICT?

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Q.8 Do you hesitate to use ICT in the classroom because nowadays students are more competent in ICT as compared to teachers?

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Q.9 How much you are comfortable with teaching through ICT? (Score out of 10)

1	2	3	4	5	6	7	8	9	10

Q.10 Is technical problems make you uncomfortable with ICT (settings, malfunctions, software, and hardware problem)?

None	A little	Somewhat	A lot

Q.11 Is classroom management a problem for using ICT in teaching Science?

None	A little	Somewhat	A lot

Q.12 Do your school allows you to use the smartphone in the classroom?

- Yes
- No

Q.13 Does language become a hurdle to accessing ICT?

- Yes
- No

Q.14 Do you have technophobia?

- Yes
- No

Q.15. Who provides the ICT support at your school? You can choose one or more options?

- A more experienced/knowledgeable teacher
- School ICT / technology coordinator
- Other school staff
- Experts from outside the school
- Online helpdesk, community, or website

Q.16 To what extent you are confident in the following?

Activity	None	A little	Somewhat	A lot
Prepare MS word file				
Use Email/another internet source to communicate				
Prepare study material by exploring the internet				

Create google form				
Email a file to someone				
Organize computer files folder and subfolders				
Make a PowerPoint presentation				
Download and install software on a computer				

Q. 17 Is the use of ICT in teaching and learning adversely affected by the following?

Factor	Not at all	A little	Partially	A lot
Insufficient number of Internet-connected computers				
Internet speed				
Insufficient number of smart-board				
Lack of adequate skills of teacher				
Insufficient technical support for teacher				
Lack of content in instructional language				
Too difficult to integrate ICT use into the curriculum				
Lack of pedagogical models on how to use ICT for learning				
School time organization (fixed lesson time etc.)				
School space organization (classroom size and furniture)				
Pressure to prepare students for exams and texts				
Most parents are not in favor of the use of ICT at school				
Most teachers are not in favor of the use of ICT at school				
Lack of interest of teachers				
Using ICT in teaching not being a goal in school				
No or unclear benefit to using ICT for teaching				