

APPENDIX

Perception of Parents, Teachers and Students about Implementation of Online Education in Rural Schools

Name:	Sex: Male/Female
Name of School:	Age:
Place:	

Questionnaire for Teachers

INSTRUCTIONS:

Due to the COVID 19 pandemic, the education process across the country was disrupted nearly for a year. The remote and rural schools of the country were greatly affected. The schools were closed and the digital learning process began to take over to compensate the face-to-face learning at classroom. The education system, particularly school education system, was not ready to face the challenge effectively because of which many students were deprived, partly or fully, from the benefits of online education. The key issues, *inter alia*, include access to digital devices, availability of internet connectivity as well as electricity, training of teachers on online education. At this juncture, it is felt necessary to study the perception of the key stakeholders of school education, e.g., parents, teachers, students, about implementation of online education in rural school with a view to understand the ground realities and to bring improvement in the implementation process.

This schedule contains items seeking perception of teachers about key aspects of implementation of online education. You are requested to provide your independent opinion based on your experience. Your opinions will be kept confidential and be used for research purpose only.

Sunanda Paramanik
Researcher

1. Which statements are true regarding your orientation on online education? (**May select multiple options**)
 - a. Oriented by School/ state/ organization etc.
 - b. Self-orientation through online courses/ attending webinars etc.
 - c. Oriented by friends/ relatives/ acquaintances etc.
 - d. Not oriented

2. What difficulties do you face during online/digital education? (**May select multiple options**)
 - a. Lack of training
 - b. Insufficient training
 - c. Unfamiliar about the digital technologies
 - d. Lack of devices/ gadgets
 - e. Lack of confidence
 - f. Lack of support from school
 - g. More workload
 - h. Lack of /Limited internet connectivity
 - i. Poor attendance of learners in online classes
 - j. Power cut
 - k. Any other.....
 - l.

3. At what time you conduct your classes.
 - a. Morning session
 - b. Afternoon session
 - c. Evening session
 - d. Not fixed

4. Duration of each period you conduct:
 - a. 30 minutes
 - b. 45 minutes
 - c. 1 hour
 - d. No fixed time limit
 - e. Any other.....

5. Duration of digital/online education per day:
 - a. Less than one hour
 - b. Between 1 and 2 hours
 - c. Between 2 and 3 hours
 - d. No fixed time limit

6. What is the attendance rates in your classes? (in %)
- 80-100
 - 60-80
 - 40-60
 - 20-40
 - below 20
7. What devices do you use for online/digital education?
- Laptop
 - smart phone
 - Any other.....
8. What methods you used during teaching online? (**May select multiple options**)
- I mute their audio and teach
 - I interact with them individually
 - Allow discussion among students
 - Conduct quizzes to refresh their memories.
 - Present pictures, maps, and models etc.
9. What platforms do you use for online teaching? (**May select multiple options**)
- Zoom
 - Google meet
 - WhatsApp
 - YouTube
 - Any other.....
10. What type of resources do you share with students through digital/ online teaching? (**May select multiple options**)
- Self-made notes
 - Textbook chapters
 - Details of TV/ radio programmes
 - Videos/audios
 - Web links
 - Any other.....
11. How do you assess student learning?
- Asking oral questions

- b. Conducting discussion session safter classes
- c. By giving them homework
- d. Conducting separate live written examination
- e. Formulating questions with google forms etc.

12. How effective, do you think, the online education during COVID 19 period?

- a. Highly effective
- b. Effective
- c. Not at all effective
- d. Indifferent

13. Please give your suggestion (s) about effective implementation of digital/online education in future.

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**Perception of Parents, Teachers and Students about
Implementation of Online Education in Rural Schools**

Interview Schedule for Parents

Name:	Sex: Male/Female
Name of place:	Age:

INSTRUCTIONS:

Due to the COVID 19 pandemic, the education process across the country was disrupted nearly for a year. The remote and rural schools of the country were greatly affected. The schools were closed and the digital learning process began to take over to compensate the face-to-face learning at classroom. The education system, particularly school education system, was not ready to face this challenge effectively as a result of which many students were deprived, partly or fully, from the benefits of online education. The key issues, *inter alia*, include access to digital devices, availability of internet connectivity as well as electricity, training of teachers on online education. At this juncture, it is felt necessary to study the perception of the key stakeholders of school education, e.g., parents, teachers, students, about implementation of online education in rural school with a view to understand the ground realities and to bring improvement in the implementation process.

This schedule contains items seeking perception of teachers about key aspects of implementation of online education. You are requested to provide your independent opinion based on your experience. Your opinions will be kept confidential and be used for research purpose only.

Sunanda Paramanik
Researcher

1. How does your child manage to study after the school closed after lockdown?
 - a. Did self-study
 - b. Took tuitions
 - c. Watched online resources
 - d. Did not study at all

2. What modality your child uses for attending online/digital classes during COVID-19 period? **(May select more than one option)**
 - a. Radio
 - b. Television
 - c. Teacher/ volunteer visiting and taking classes
 - d. Desktop Computer/ Laptop
 - e. Smartphone

3. How do you manage to provide devices/ gadgets to your child? **(May select more than one option)**
 - a. The child has individual device
 - b. Bought a new device/ gadget
 - c. Share the device for attending alternate classes
 - d. Providing to the child at the time of classes/exam.
 - e. Borrowed temporarily
 - f. Support provided by volunteer
 - g. Any other.....
 - h.

4. How many hours in a day your child engaged in online classes?
 - a. Less than 1 hr
 - b. Between 1 and 2 hours
 - c. Between 2 and 3 hours
 - d. Between 3 and 4 hours
 - e. Between 4 and 5 hours

5. How do you find online classes are useful to your child? **(May select more than one option)**
 - a. It saves time took while going to school
 - b. S/he gets more access to learning material than getting at school
 - c. S/he does not study at home at all
 - d. S/he seemed stressed after doing classes and homework
 - e. S/he easily grasp the contents by using learning materials
 - f. Any other.....
 - g.

6. Are the online classes regular?
- a. Always regular
 - b. Sometimes regular
 - c. Always irregular
7. What are the problem faced during online learning of your child? **(May select more than one option)**
- a. Can't afford to provide phone to my child
 - b. S/he get stressed due to study and home tasks
 - c. S/he overuse the mobile phones
 - d. Games and social media distract the child
 - e. Unfamiliar about the digital technologies
 - f. Lack of /Limited internet connectivity
 - g. Creates disturbance at home and doesn't listen to anyone
 - h. Any other.....
 - i.
8. After reopening schools, which mode of education would you prefer most?
- a. Only face-to-face
 - b. More of online and less face-to-face
 - c. More of face-to-face and less online
 - d. Only online
9. How do children react to online classes? **(May select more than one option)**
- a. Children are enjoying
 - b. Children are engaged meaningfully
 - c. Children are stressed
 - d. Children follow the instructions of teachers carefully
 - e. Any other.....
 - f.
10. Give your suggestion (s) about effective implementation of digital/online education in future.
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Perception of Parents, Teachers and Students about Implementation of Online Education in Rural Schools

[Guiding Questions for Focus Group discussion with Students]

Name of the School:.....

Date and Time:.....

No. of Children Participated:

Locality: Urban/Rural

Class range:.....

1. How did you manage to study after the school closed after lockdown?

(e.g. self-study, tuitions, online class, did not study at all etc.)

2. What modality do you use for your education during COVID-19 period?

(e.g. Radio, Television, Desktop Computer/ Laptop, Smartphone etc.)

3. How many hours do you engage in online classes? (seek for range)

4. How do you find online classes useful for your learning?

(e.g. very useful, not at all, something is better than nothing etc.)

5. Are the online classes regular? (Yes/No/half hazard etc.)

6. Which mode of education you prefer most? (Face-to-face, on-line, blended)

7. What problems do you face during online learning?

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8. Give your suggestion (s) about effective implementation of digital/online education in future.

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