



A Survey Report in DIETs of West Bengal on Online Class vis-a-vis Face to Face Teaching



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Foreword

The year 2020 has seen something hitherto unforeseen, touching every stratum of world processes. The outbreak and proliferation of COVID-19 pandemic has forced upon human existence a neo-normalisation, under which we have come to see a host of perceptions, praxis and reorganisations.

Education, in general, has its share of such neo-normal praxis, which has gone through many improvisations to meet the challenges of shut schools, colleges and institutions all over. An effort has been put forth to take the education to the learner, an effort that has shown a distinctive rise of e-Learning.

The aim was to find out the efficacy of Online mode of transaction vis-a-vis face to face mode of conducting classroom process for D.El.Ed trainees. This effort will find its utility in the adoption of the findings in future conducting of D.El.Ed training programmes.

Dr. Chhanda Ray

Director, SCERT (WB)

INDEX

Sl. No.	Content	Page No.
1.	Comprehensive State Report	1 - 2
2.	DIET Bankura	3 - 6
3.	DIET Hooghly	7 - 10
4.	DIET Birbhum	11 - 15
5.	DIET Burdwan	16 - 19
6.	DIET Nadia	20 - 23
7.	DIET Jalpaiguri	24 - 27
8.	DIET North 24 Pgs	28 - 32
9.	DIET Paschim Medinipore	33 - 36
10.	DIET Purulia	37 - 39
11.	DIET South 24 Pgs	40 - 43
12.	DIET Purba Medinipore	44 - 47
13.	DIET Murshidabad	48 - 51
14.	DIET Howrah	52 - 55
15.	DIET Coochbehar	56 - 59
16.	DIET Malda	60 - 63
17.	DIET Uttar Dinajpur	64 - 67
18.	DIET Dakshin Dinajpur	68 - 71
19.	DIET Malda 2 nd Campus	72 - 76
20.	DIET Murshidabad 2 nd Campus	77 - 80
21.	Suggestions & Way forward	81
	Annexure	82

Comprehensive State Report

1. Introduction

The State Council of Educational Research & Training (SCERT), Govt. of West Bengal was established to undertake the task for quality improvement of School Education in West Bengal. The District Institutes of Education and Training (DIETs) were established for strengthening pedagogic practices involving intensive in-service teachers' training and for providing institutionalised academic support to Primary and Upper-primary schools under the supervision of SCERT(WB). The COVID-19 pandemic has changed the teaching-learning in a major way and this resulted in shutdown of schools all across the world. In West Bengal, 18 DIETs and 5 second campuses of DIETs are currently functional and 5 second campuses of DIETs will be functional very shortly. In this pandemic situation, SCERT(WB) is searching the best suitable way to a great extent for conducting teaching-learning effectively in DIETs. In this context, a study on the efficacy of the online classes vis-a-vis face to face teaching has been undertaken by the SCERT (WB).

2. Objective

The objective of the study is as follows:

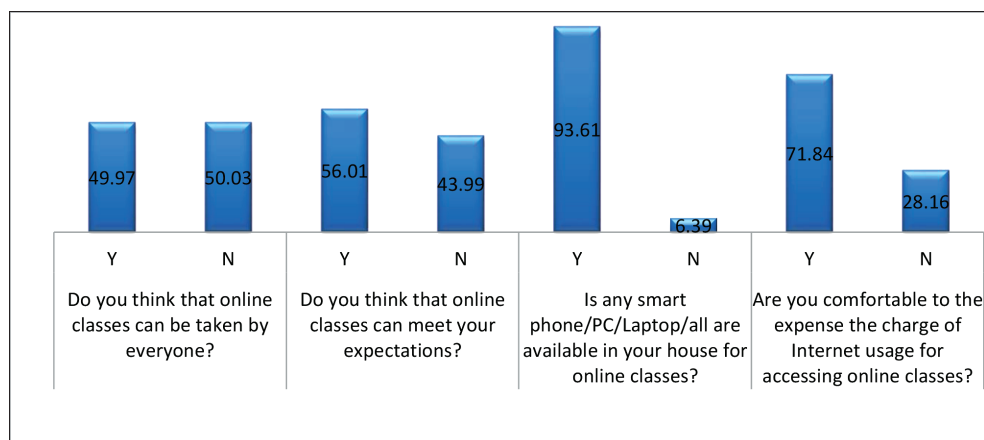
- To study the effectiveness of the online classes during COVID-19 pandemic situation.
- To compare the usefulness of face to face teaching vis-a-vis Online classes.

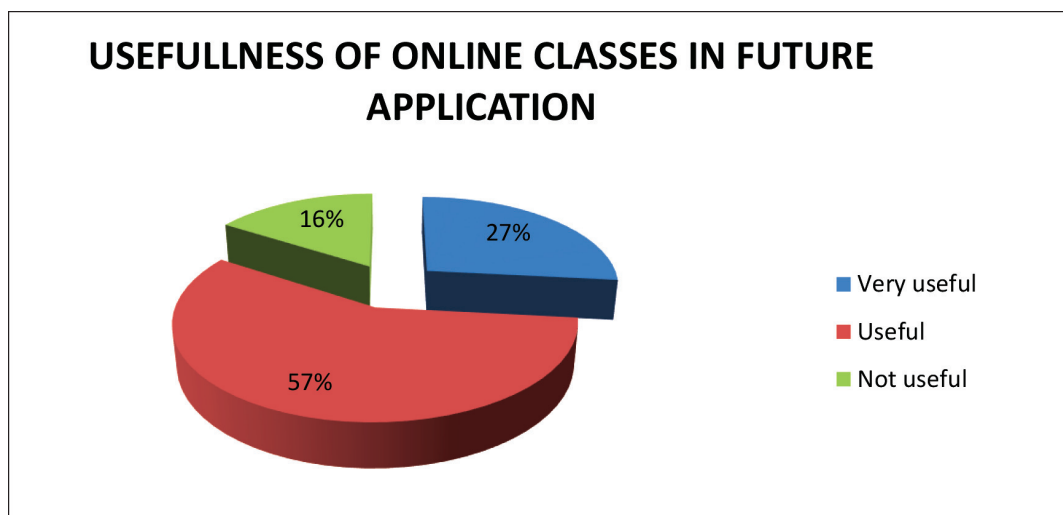
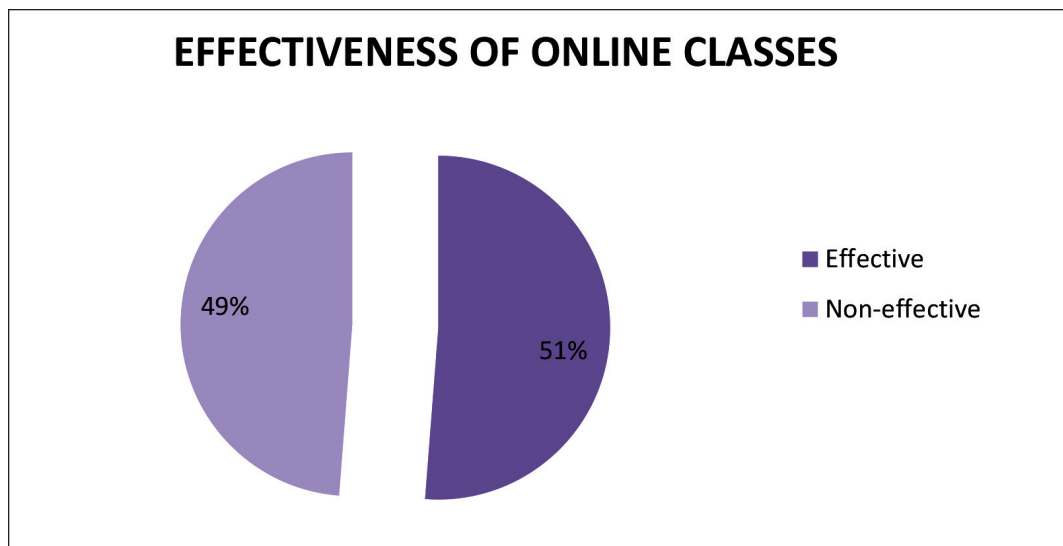
3. Methodology

For data collection, a questionnaire has been developed by SCERT(WB) and circulated to all DIETs in West Bengal. As per instruction of SCERT(WB), all the DIETs have created a WhatsApp group among the respective D.El.Ed 2nd year trainees and collected their opinions. The DIETs have also designed a Google form on the basis of the questionnaire developed by SCERT(WB) and shared to all D.El.Ed students of DIETs for gathering information from them. Among 18 DIETs, 17 DIETs and 2 2nd Campuses have sent their reports which are enclosed in Annexure.

4. Data Analysis

Based on the reports from different DIETs, data are integrated and analysed at SCERT(WB) and the analytical result is presented below.





5. Major Findings of the Study

The overall state report is presented in the following:

- 49.97% students have responded that online classes could be taken by them.
- 56.01% students have responded that the online classes could meet their expectations.
- 93.61% students have responded that electronic gadgets are available in their house for participating in the online classes.
- 28.16% students have responded that they are not able to bear the expenses of internet usage for participating into online classes.
- Only 49% students have responded that online classes are as effective as face to face teaching.
- 16% students have responded that online classes would not be to be useful for their future application.

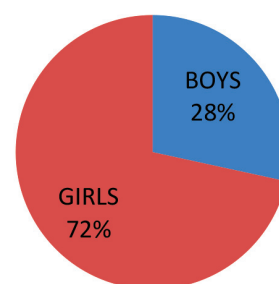
DIET BANKURA

In DIET Bankura, the total number of responding trainees is 88, among which 25 are boys and 63 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Bankura

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	25 (28.41%)
GIRLS	63 (71.59%)
TOTAL	88 (100%)

NO. OF RESPONDED D.EL.ED STUDENTS (SESSION:2019-21)

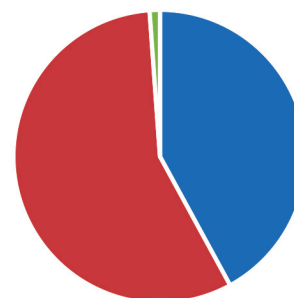


1. Do you think that online classes will be useful for your future application?

Total 56.81% of students are thinking that online classes will be useful to them and 42.05% students are thinking that it will be very useful to them whereas 1.14% students are thinking that it will not be much useful to them .

Q1: USEFULNESS OF ONLINE CLASSES	OPINION OF STUDENTS (%)		
	BOYS	GIRLS	TOTAL
VERY USEFUL	3.41	38.64	42.05
USEFUL	25	31.81	56.81
NOT MUCH USEFUL	0	1.14	1.14

Q1: USEFULNESS OF ONLINE CLASSES

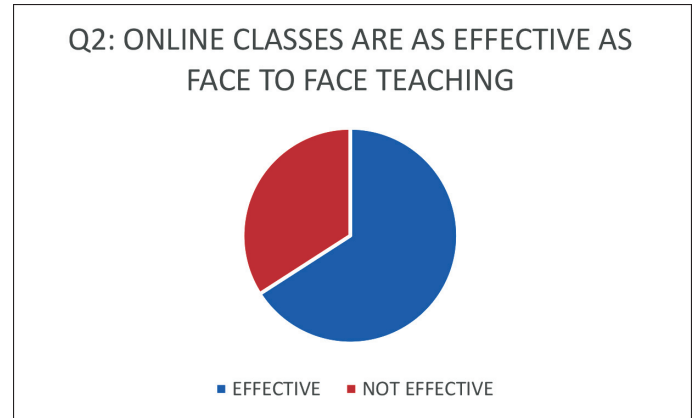


■ VERY USEFUL ■ USEFUL ■ NOT MUCH USEFUL

2. Do you think online classes are as effective as face to face teaching?

Total 65.91% of students opine that they think online classes are effective as face to face instruction whereas 34.09% of students do not think it (Online classes) effective as face to face instruction.

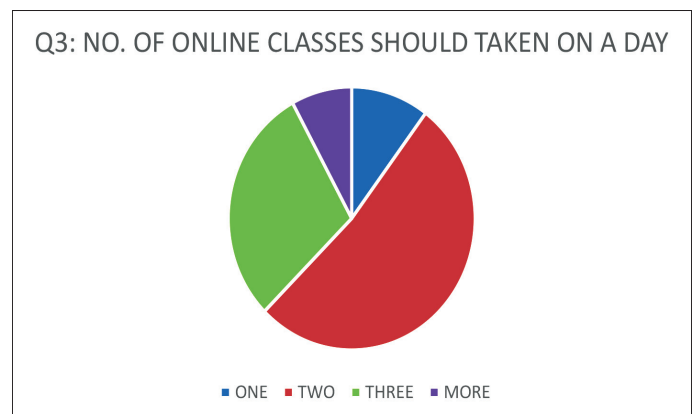
Q2: ONLINE CLASSES AS EFFECTIVE AS FACE TO FACE INTERACTION	OPINION OF STUDENTS (%)		
	BOYS	GIRLS	TOTAL
EFFECTIVE	8.64	57.27	65.91
NOT EFFECTIVE	14.77	19.32	34.09



3. How many classes should be taken in a day or in a week for online classes?

52.27% of students think that only two classes should be taken in a week, 29.54% of students think that only three classes should be taken in a week and 7.96% think that more than three classes should be taken in a week but only 10.23% of students think that only one class should be taken per week.

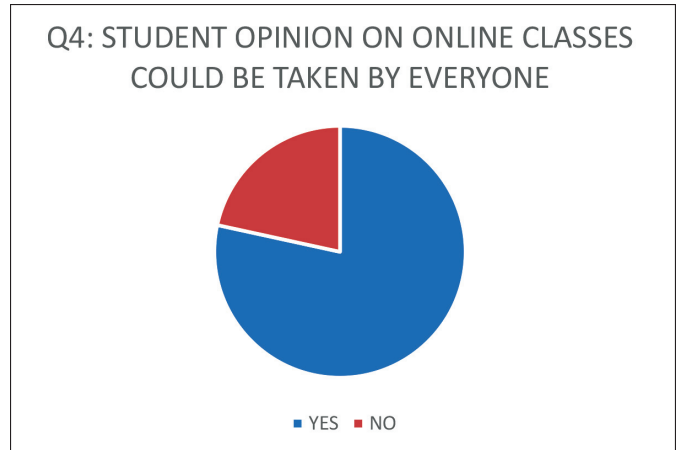
Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	OPINION OF STUDENTS (%)		
	BOYS	GIRLS	TOTAL
ONE	0	10.23	10.23
TWO	14.77	37.5	52.27
THREE	9.09	20.45	29.54
MORE	4.55	3.41	7.96



4. Do you think that online classes could be taken by everyone?

Total 21.59% of students are giving their opinion that they think online classes can't be taken by everyone whereas 78.41% of students are thinking that everyone should take the online classes.

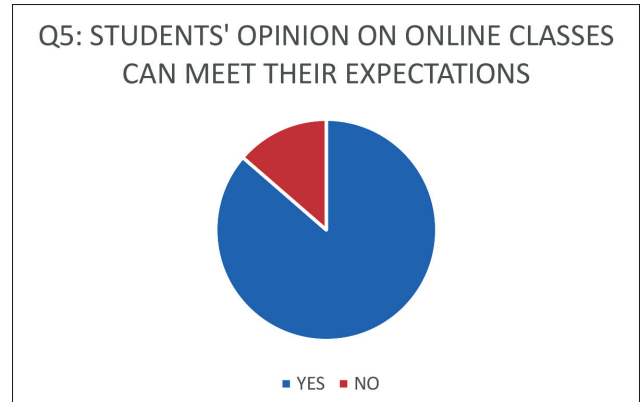
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	OPINION OF STUDENTS (%)		
	BOYS	GIRLS	TOTAL
YES	18.18	60.23	78.41
NO	10.23	11.36	21.59



5. Do you think that online classes can meet their expectations?

Total 13.64% of students opine that they don't think that online classes can meet their expectation whereas 86.36% opine that online classes will meet their expectation.

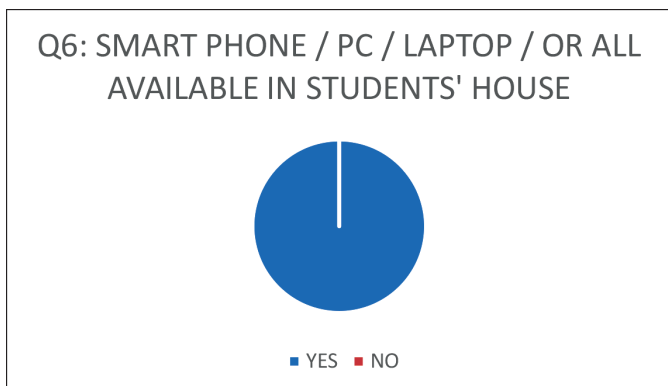
Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	OPINION OF STUDENTS (%)		
	BOYS	GIRLS	TOTAL
YES	22.73	63.63	86.36
NO	5.68	7.96	13.64



6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 100% of students can avail Smart phone / PC/ Laptop for online classes.

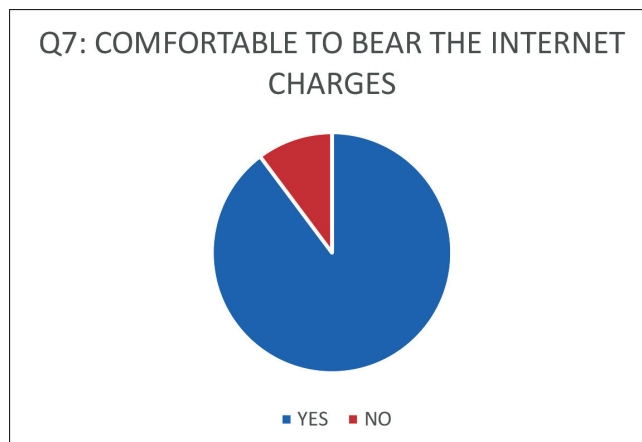
Q6: SMART PHONE/ PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	OPINION OF STUDENTS (%)		
	BOYS	GIRLS	TOTAL
YES	28.41	71.59	100
NO	0	0	0



7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 89.77% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 10.23% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	OPINION OF STUDENTS (%)		
	BOYS	GIRLS	TOTAL
YES	23.86	65.91	89.77
NO	4.55	5.68	10.23



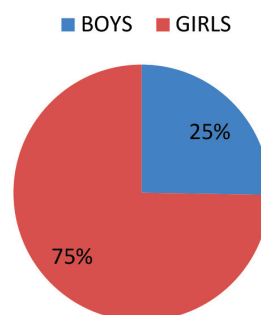
DIET HOOGHLY

In DIET Hooghly, the total number of responding trainees is 95, among which 24 are boys and 71 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Hooghly

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	24 (25.26%)
GIRLS	71 (74.74%)
TOTAL	95 (100%)

**NO. OF RESPONDED D.EL.ED STUDENTS
(SESSION:2019-21)**

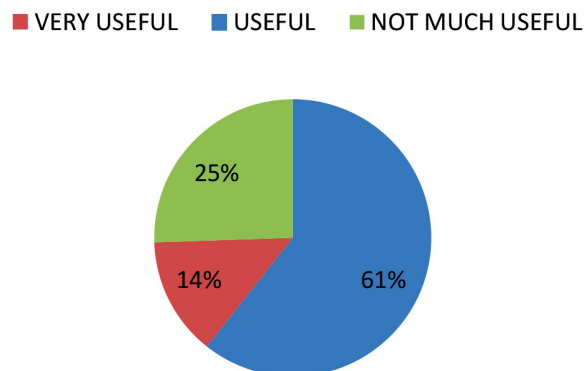


1. Do you think that online classes will be useful for your future application?

Total 60.61% of students are thinking that online classes will be useful to them and 13.99% students are thinking that it will be very useful to them whereas 25.40% students are thinking that it will not be much useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	13.99%
USEFUL	60.61%
NOT MUCH USEFUL	25.40%

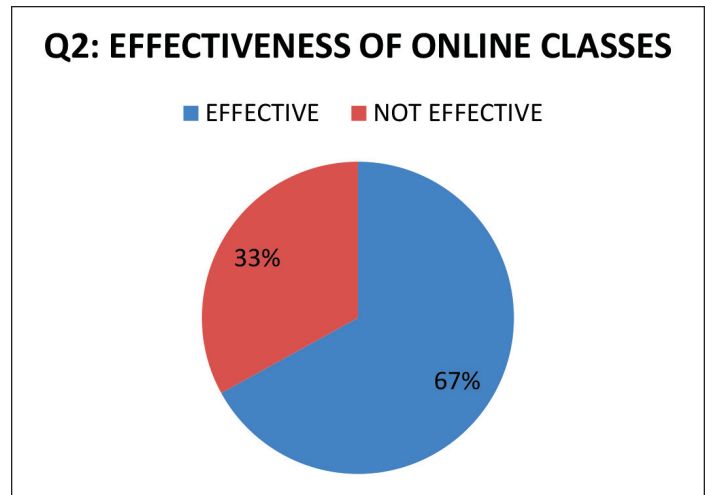
Q1: USEFULNESS OF ONLINE CLASSES



2. Do you think online classes are as effective as face to face teaching?

Total 67% of students opine that they think online classes are effective as face to face instruction whereas 33% of students do not think it (Online classes) effective as face to face instruction.

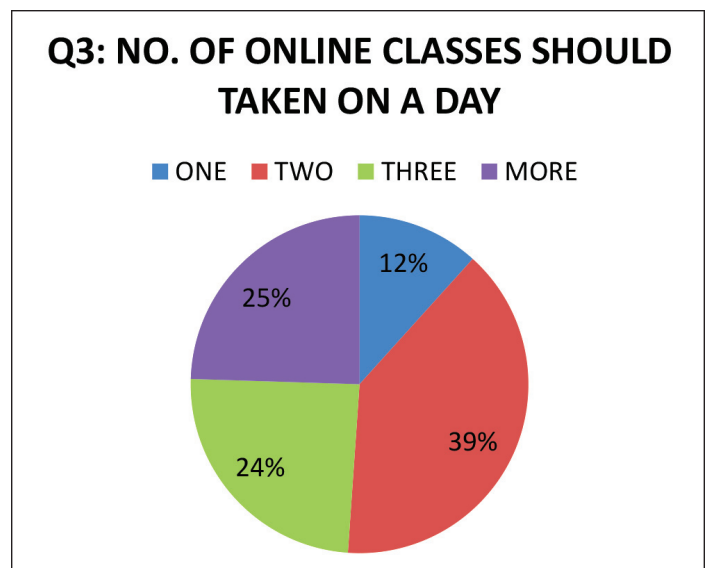
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	67%
NOT EFFECTIVE	33%



3. How many classes should be taken in a day or in a week for online classes?

39.4% of students think that only two classes should be taken in a week, 24.4% of students think that only three classes should be taken in a week and 24.5% think that more than three classes should be taken in a week but only 11.7% of students think that only one class should be taken per week.

Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	11.70%
TWO	39.40%
THREE	24.40%
MORE	24.50%



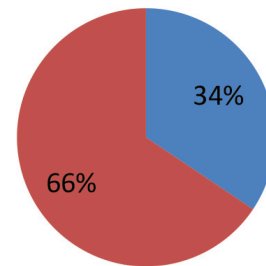
4. Do you think that online classes could be taken by everyone?

Total 65.6% of students are giving their opinion that they think online classes can't be taken by everyone whereas 34.4% of students are thinking that everyone should take the online classes.

Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	34.40%
NO	65.60%

Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE

■ YES ■ NO



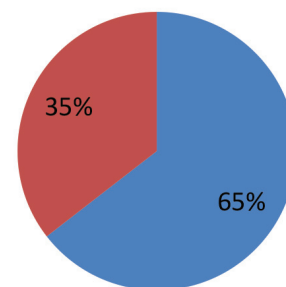
5. Do you think that online classes can meet their expectations?

Total 64.5% of students opine that they don't think that online classes can meet their expectation whereas 34.50% opine that online classes will meet their expectation.

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	34.50%
NO	64.50%

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS

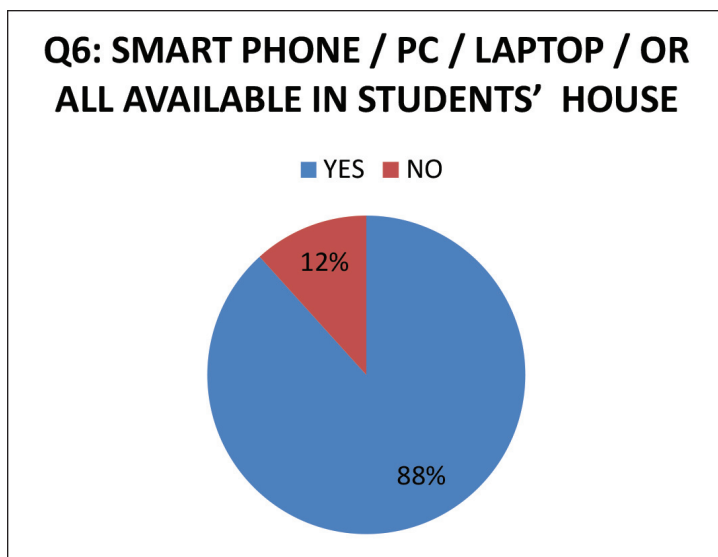
■ YES ■ NO



6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 88.3% of students can avail Smart phone / PC / Laptop for online classes but 11.7% can't avail those.

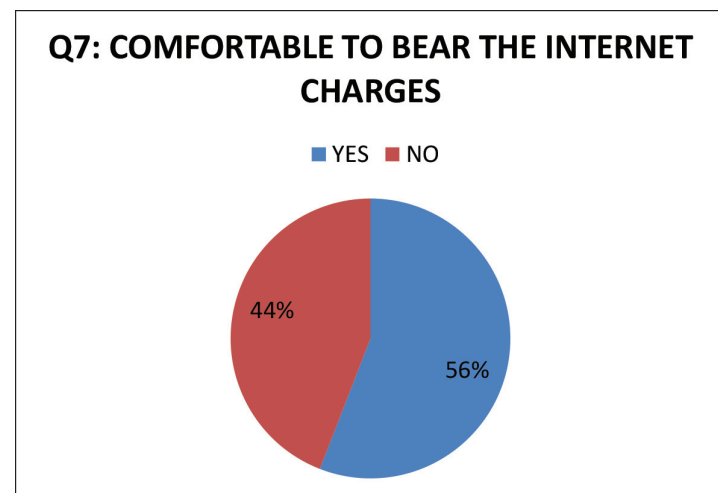
Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	88.30%
NO	11.70%



7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 55.9% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 44.1% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	55.90%
NO	44.10%



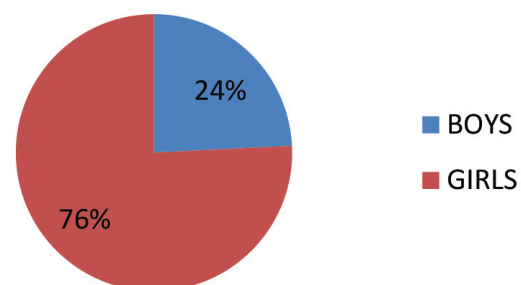
DIET BIRBHUM

In DIET Birbhum, the total number of responding trainees is 95, among which 23 are boys and 72 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Birbhum

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL.ED STUDENTS (SESSION:2019-21)
BOYS	23 (24.21%)
GIRLS	72 (75.79%)
TOTAL	95 (100%)

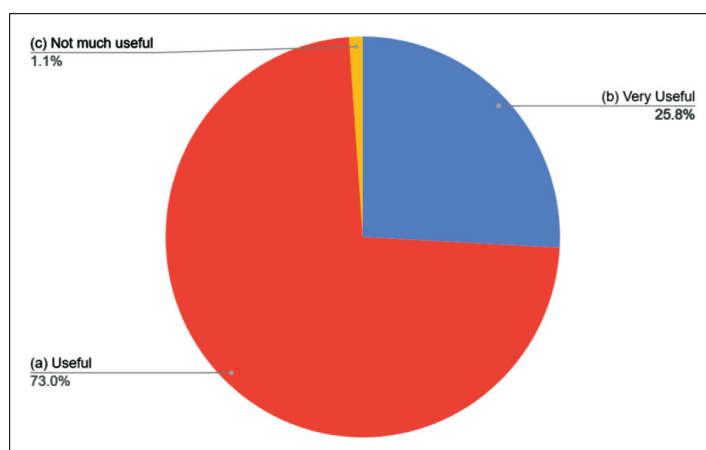
NO. OF RESPONDED D.EL.ED STUDENTS (SESSION:2019-21)



1. "DO YOU THINK THAT ONLINE CLASSES WILL BE USEFUL FOR YOUR FUTURE APPLICATION?"

Total 73% of students are thinking that online classes will be useful to them and 25.8% students are thinking that it will be very useful to them whereas 1.10% students are thinking that it will not be much useful to them.

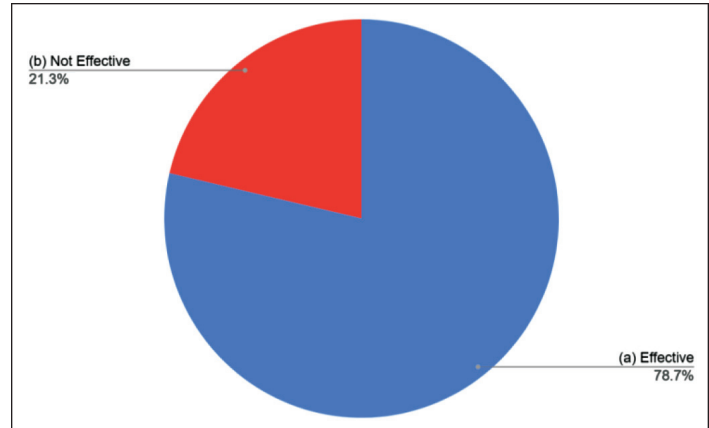
Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	25.80%
USEFUL	73.00%
NOT MUCH USEFUL	1.10%



2. "DO YOU THINK ONLINE CLASSES ARE AS EFFECTIVE AS FACE-TO-FACE INSTRUCTIONS?"

Total 78.7% of students opine that they think online classes are effective as face to face instruction whereas 21.3% of students do not think it (Online classes) effective as face to face instruction.

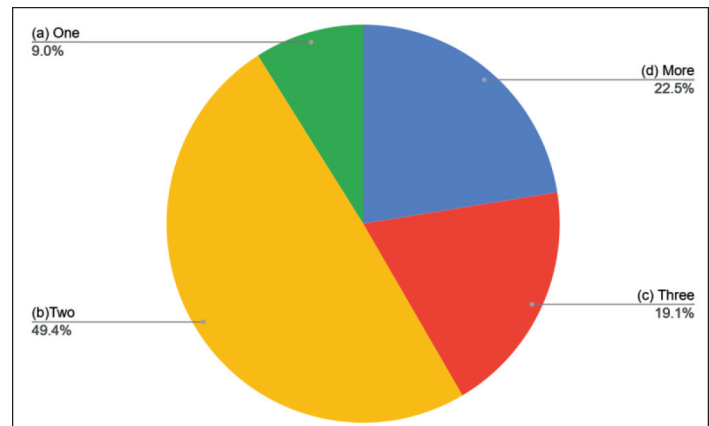
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	78.70%
NOT EFFECTIVE	21.30%



3. "HOW MANY CLASSES SHOULD BE TAKEN IN A DAY OR IN A WEEK FOR ONLINE CLASSES?"

49.4% of students think that only two classes should be taken in a week, 19.1% of students think that only three classes should be taken in a week and 22.5% think that more than three classes should be taken in a week but only 9% of students think that only one class should be taken per week.

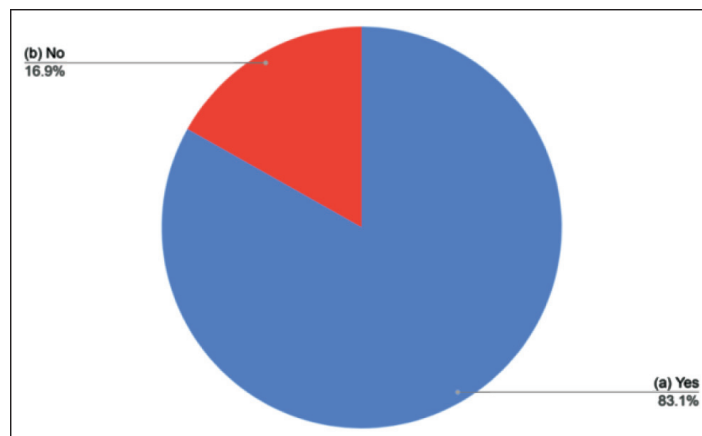
Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	9.00%
TWO	49.40%
THREE	19.10%
MORE	22.50%



4. "DO YOU THINK THAT ONLINE CLASSES CAN BE TAKEN BY ANYONE?"

Total 16.9% of students are giving their opinion that they think online classes can't be taken by everyone whereas 83.1% of students are thinking that everyone should take the online classes.

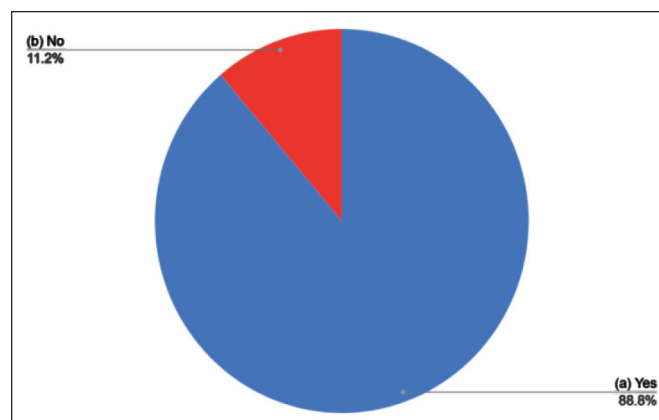
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	83.10%
NO	16.90%



5. "DO YOU THINK THAT ONLINE CLASSES CAN MEET YOUR EXPECTATION?"

Total 11.2% of students opine that they don't think that online classes can meet their expectation whereas 88.8% opine that online classes will meet their expectation.

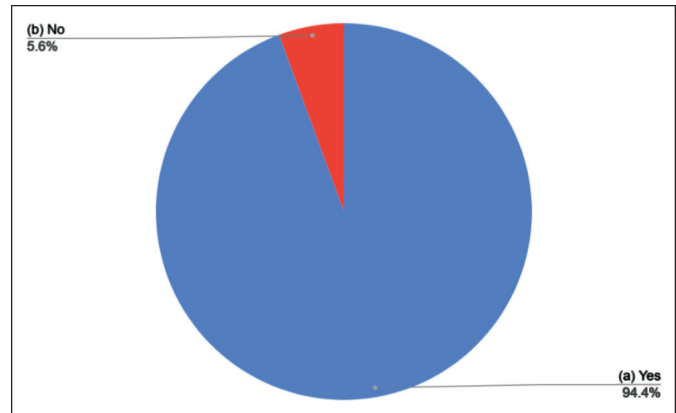
Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	88.80%
NO	11.20%



6. "IS ANY SMART PHONE/PC/LAPTOP/ OR ALL AVAILABLE IN YOUR HOME FOR ATTENDING ONLINE CLASS?"

Total 94.4% of students can avail Smart phone / PC/ Laptop for online classes but 5.6% can't avail those.

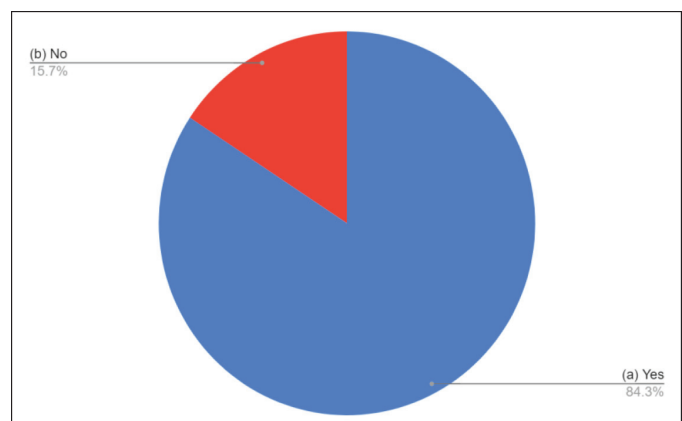
Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	94.40%
NO	5.60%



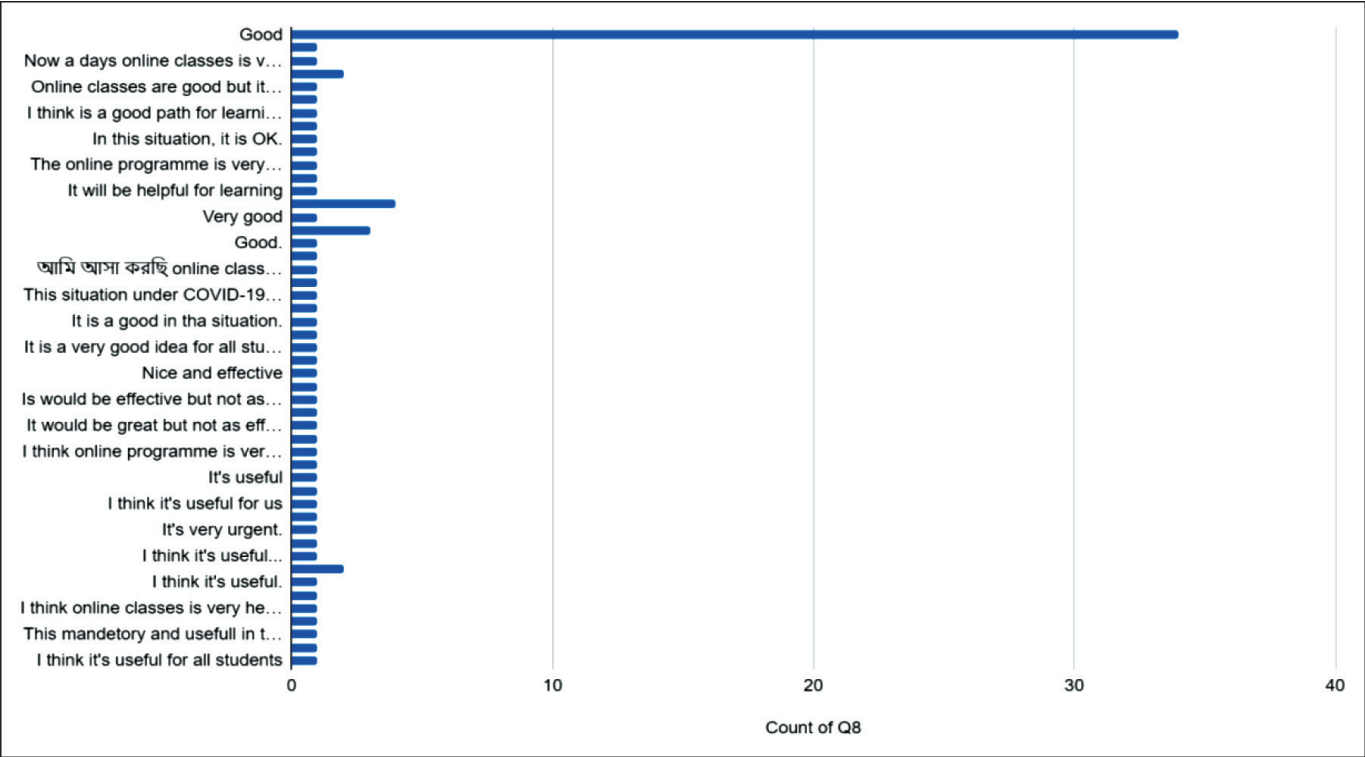
7. "ARE YOU COMFORTABLE TO EXPENSE THE CHARGES OF INTERNET USAGE FOR ACCESSING ONLINE CLASSES?"

Total 84.3% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 15.7% can't bear the expenses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	84.30%
NO	15.70%



8. "OVERALL OPINION ABOUT THE ONLINE PROGRAMME."



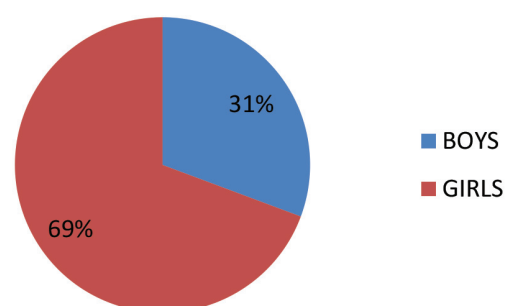
DIET BURDWAN

In DIET Burdwan, the total number of responding trainees is 88, among which 27 are boys and 61 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Burdwan

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL.ED STUDENTS (SESSION:2019-21)
BOYS	27 (30.68%)
GIRLS	61 (69.32%)
TOTAL	88 (100%)

**NO. OF RESPONDED D.EL.ED STUDENTS
(SESSION:2019-21)**

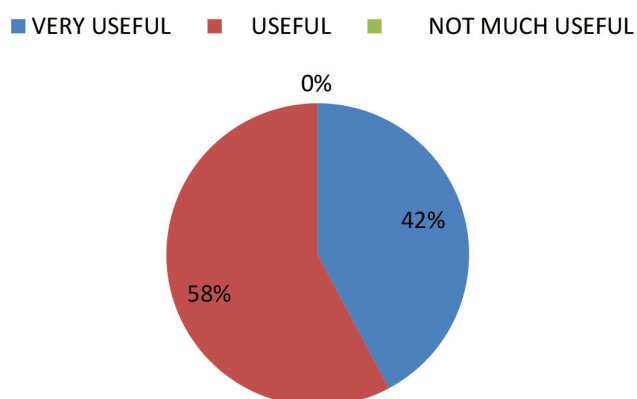


1. DO YOU THINK THAT ONLINE CLASSES WILL BE USEFUL FOR YOUR FUTURE APPLICATION?

Total 57.5% of students are thinking that online classes will be useful to them and 41.5% students are thinking that it will be very useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	41.50%
USEFUL	57.50%
NOT MUCH USEFUL	0%

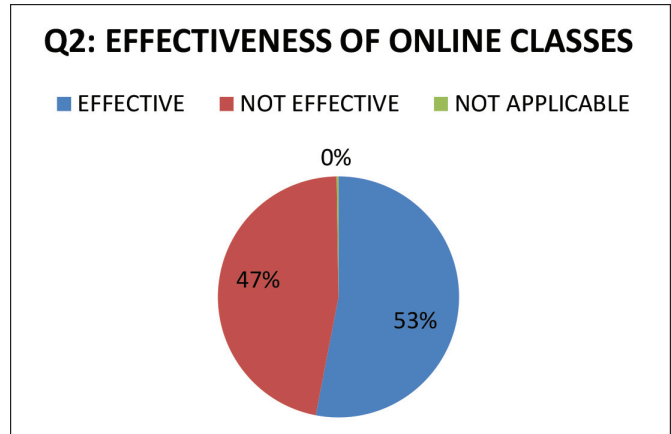
Q1: USEFULNESS OF ONLINE CLASSES



2. DO YOU THINK ONLINE CLASSES ARE AS EFFECTIVE AS FACE-TO-FACE INSTRUCTION?

Total 52.5% of students opine that they think online classes are effective as face to face instruction whereas 46.5% of students do not think it (Online classes) effective as face to face instruction.

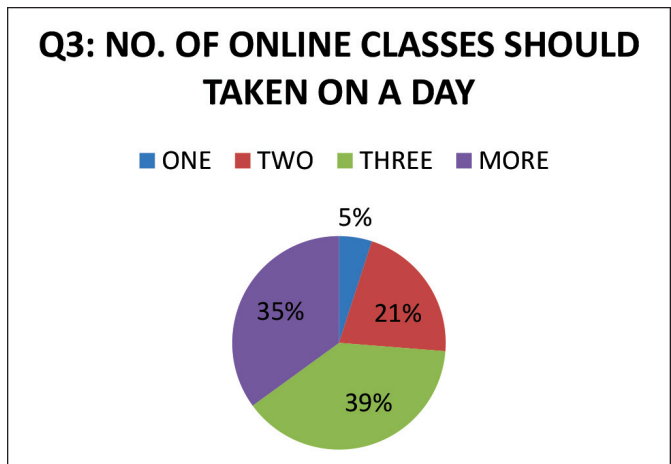
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	52.50%
NOT EFFECTIVE	46.50%
NOT APPLICABLE	0.0%



3. HOW MANY CLASSES SHOULD BE TAKEN IN A DAY OR IN A WEEK FOR ONLINE CLASSES?

21.25% of students think that only two classes should be taken in a week , 38.75% of students think that only three classes should be taken in a week and 35% think that more than three classes should be taken in a week but only 5% of students think that only one class should be taken per week.

Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	5.00%
TWO	21.25%
THREE	38.75%
MORE	35.00%

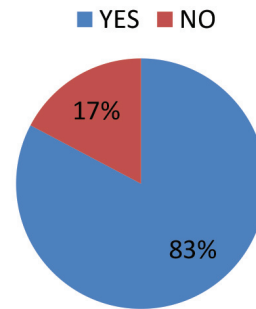


4. DO YOU THINK THAT ONLINE CLASSES CAN BE TAKEN BY EVERYONE?

Total 17% of students are giving their opinion that they think online classes can't be taken by everyone whereas 83% of students are thinking that everyone should take the online classes.

Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	83.00%
NO	17.00%

Q4: ONLINE CLASSES COULD BE TAKEN BY EVERYONE

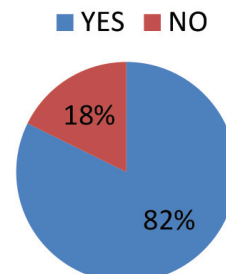


5. DO YOU THINK THAT ONLINE CLASSES CAN MEET YOUR EXPECTATION?

Total 17.5% of students opine that they don't think that online classes can meet their expectation whereas 81.5% opine that online classes will meet their expectation.

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	81.50%
NO	17.50%

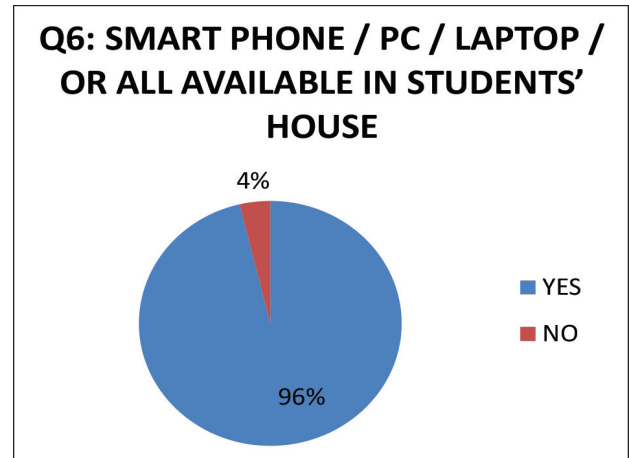
Q5: ONLINE CLASSES CAN MEET YOUR EXPECTATION



6. IS ANY SMART PHONE/PC/LAPTOP/ OR ALL AVAILABLE IN YOUR HOME FOR ATTENDING ONLINE CLASS?

Total 96.25% of students can avail Smart phone / PC/ Laptop for online classes but 3.75% can't avail those.

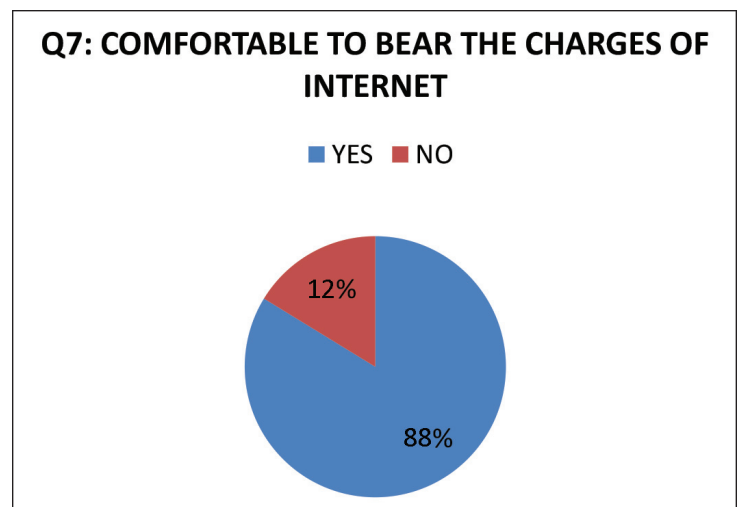
Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	96.25%
NO	3.75%



7. ARE YOU COMFORTABLE TO EXPENSE THE CHARGES OF INTERNET USAGE FOR ACCESSING ONLINE CLASSES?

Total 87.5% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 11.5% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	87.50%
NO	11.50%



DIET NADIA

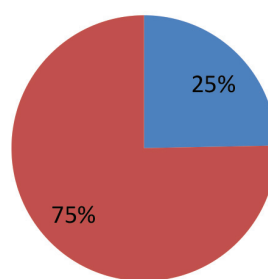
In DIET Nadia, the total number of responding trainees is 81, among which 20 are boys and 61 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Nadia

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	20 (24.69%)
GIRLS	61 (75.31%)
TOTAL	81 (100%)

**NO. OF RESPONDED D.EL.ED STUDENTS
(SESSION:2019-21)**

■ BOYS ■ GIRLS



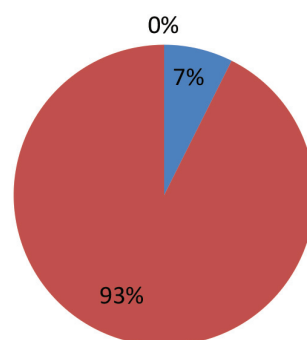
1. DO YOU THINK THAT ONLINE CLASSES WILL BE USEFUL FOR YOUR FUTURE APPLICATION?

Total 92.59% of students are thinking that online classes will be useful to them and 7.41% students are thinking that it will be very useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	7.41%
USEFUL	92.59%
NOT MUCH USEFUL	0.00%

Q1: USEFULNESS OF ONLINE CLASSES

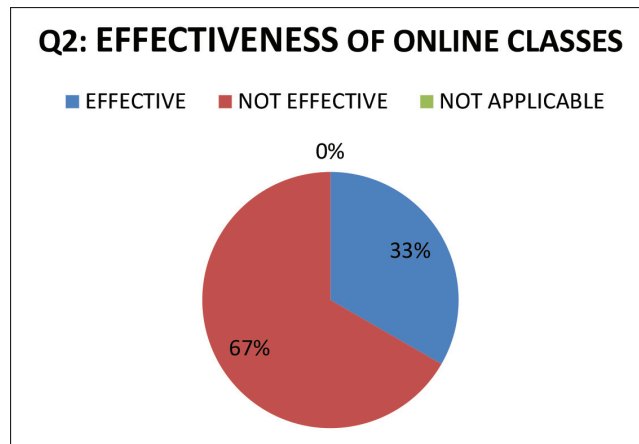
■ VERY USEFUL ■ USEFUL ■ NOT MUCH USEFUL



2. DO YOU THINK ONLINE CLASSES ARE AS EFFECTIVE AS FACE-TO-FACE INSTRUCTIONS?

Total 33.33% of students opine that they think online classes are effective as face to face instruction whereas 66.67% of students do not think it (Online classes) effective as face to face instruction.

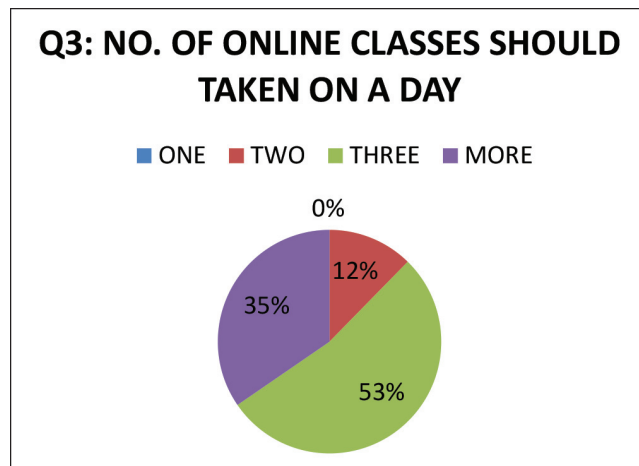
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	33.33%
NOT EFFECTIVE	66.67%
NOT APPLICABLE	0.00%



3. HOW MANY CLASSES SHOULD BE TAKEN IN A DAY OR IN A WEEK FOR ONLINE CLASSES?

12.34% of students think that only two classes should be taken in a week, 53.08% of students think that only three classes should be taken in a week and 34.58% think that more than three classes should be taken in a week

Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	0.00%
TWO	12.34%
THREE	53.08%
MORE	34.58%



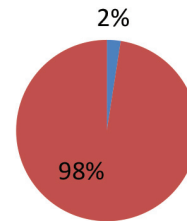
4. DO YOU THINK THAT ONLINE CLASSES CAN BE TAKEN BY EVERYONE?

Total 97.54% of students are giving their opinion that they think online classes can't be taken by everyone whereas 2.46% of students are thinking that everyone should take the online classes.

Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	2.46%
NO	97.54%

Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE

■ YES ■ NO



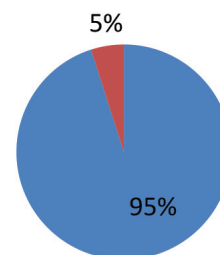
5. DO YOU THINK THAT ONLINE CLASSES CAN MEET YOUR EXPECTATION?

Total 4.94% of students opine that they don't think that online classes can meet their expectation whereas 95.06% opine that online classes will meet their expectation.

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	95.06%
NO	4.94%

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS

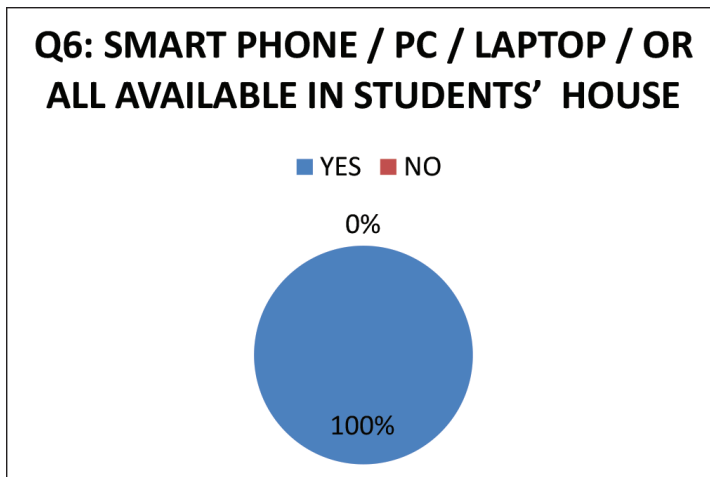
■ YES ■ NO



6. IS ANY SMART PHONE/PC/LAPTOP/ OR ALL AVAILABLE IN YOUR HOUSE FOR ATTENDING ONLINE CLASS?

Total 100% of students can avail Smart phone / PC/ Laptop for online classes

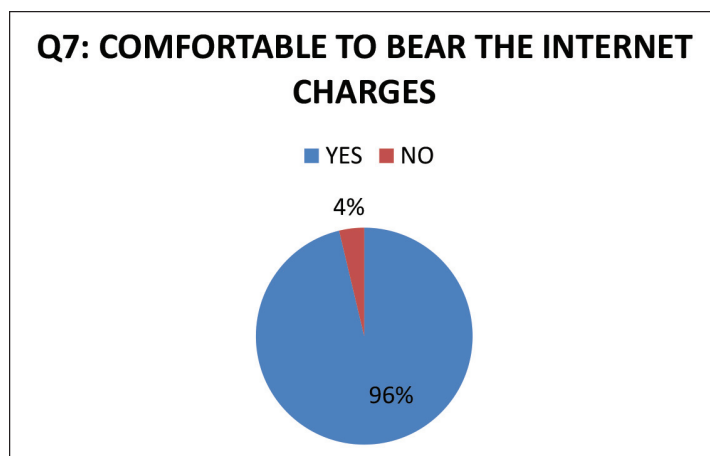
Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	100%
NO	0.00%



7. ARE YOU COMFORTABLE TO EXPENSE THE CHARGES OF INTERNET USAGE FOR ACCESSING ONLINE CLASSES?

Total 96.27% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 3.73% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	96.27%
NO	3.73%



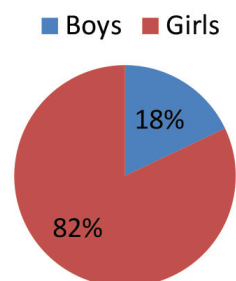
DIET JALPAIGURI

In DIET Jalpaiguri, the total number of responding trainees is 39, among which 7 are boys and 32 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT (WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Jalpaiguri

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	7 (17.95%)
GIRLS	32 (82.05%)
TOTAL	39 (100%)

NO. OF RESPONDED D.EL.ED STUDENTS (SESSION:2019-21)



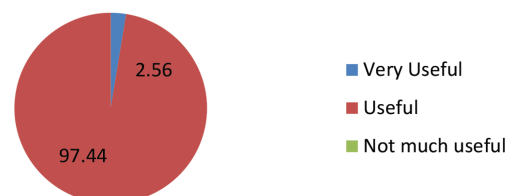
Q.1) Do you think that online classes will be useful for your future application?

Table - 1: Option of the students regarding usefulness of online classes for future application.

USEFULNESS OF ONLINE CLASSES	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
VERY USEFUL	0	3.13	2.56
USEFUL	100	96.87	97.44
NOT MUCH USEFUL	0	0	0

Chart - 1

Option of the students regarding usefulness of online classes for future application



97.44% students think that online classes will be useful for future application whereas according to 2.56% online classes will be very useful. More boys (100%) believe in the usefulness of online classes than girls (96.87%).

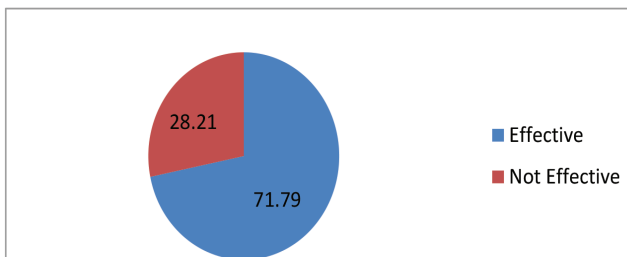
Q.2) Do you think online classes as effective as face to face instruction?

Table-2: Option of the students on whether online classes are as effective as face to face instruction.

ONLINE CLASSES ARE AS EFFECTIVE AS FACE TO FACE INSTRUCTION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
Effective	71.42	71.88	71.79
Not Effective	28.58	28.12	28.21

Chart - 2

Option of the students on whether online classes are as effective as face to face instruction



71.79% students have option that online classes are as effective as face to face instruction. But to 28.21% students traditional classroom teaching-learning is more effective as compared to online classes. It is noteworthy that more girls (71.88%) than boys (71.42%) feel that online classes are as effective as face to face instruction.

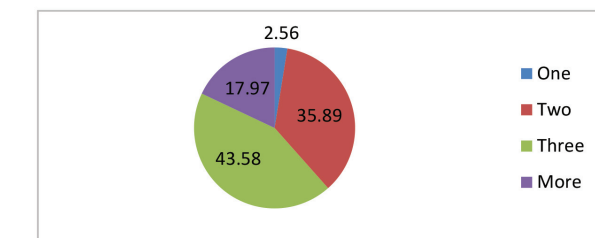
Q.3) How many classes should be taken in a day for online classes?

Table - 3: Students' option on how many online classes should be taken in a day.

NO. OF ONLINE CLASSES SHOULD BE TAKEN IN A DAY	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
One	0	3.12	2.56
Two	42.85	34.38	35.89
Three	14.30	50.00	43.58
More	42.85	12.50	17.97

Chart - 3

Option of the students on whether online classes are as effective as face to face instruction



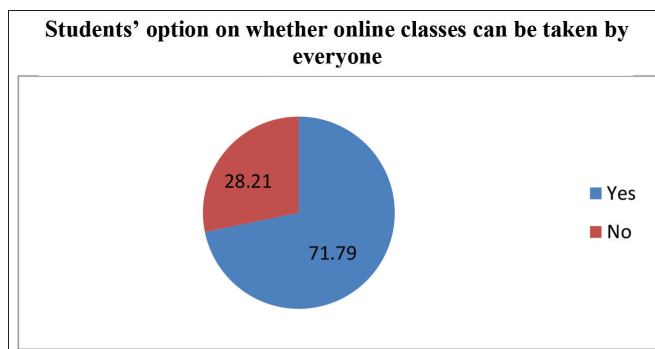
35.89% students want two online classes per day whereas three online classes are preferred by 43.58% students. 2.56% students prefer only one class a day. 17.97% want more than three online classes per day.

Q.4) Do you think that online classes can be taken by everyone?

Table - 4: Students' option whether online classes can be taken by everyone.

STUDENTS' OPTION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
Yes	57.14	75	71.79
No	42.86	25	28.21

Chart - 4



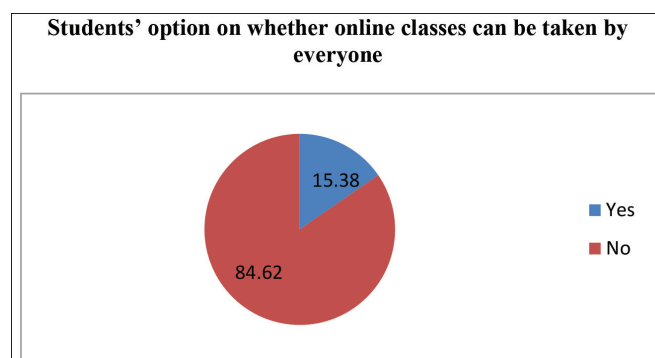
28.21% students are of the option that online classes cannot be taken by everyone whereas 71.79% students think the opposite. More boys (42.86%) than girls (25%) think that online classes cannot be taken by everyone.

Q.5) Do you think that online classes can meet your expectation?

Table - 5: Students' option on whether online classes can meet their expectation.

STUDENTS' OPTION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
Yes	0	18.75	15.38
No	100	81.25	84.62

Chart - 5



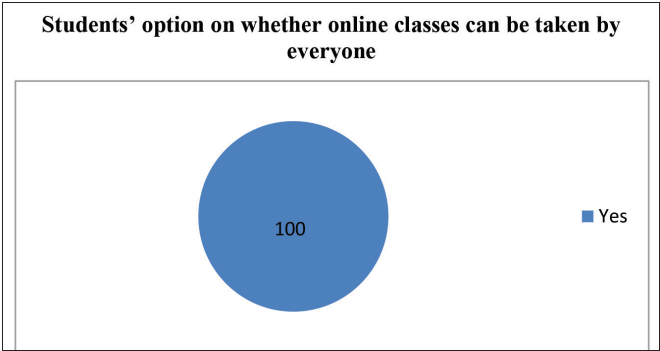
15.38% students feel that online classes can meet their expectation. But 84.62% students think in the negative.

Q.6) Is any Smartphone/PC/Laptop/or all available in your house for attending online class?

Table - 6: Students' option on whether Smartphone/PC/Laptop/or all available.

STUDENTS' OPTION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
Yes	100	100	100
No	0	0	0

Chart - 6



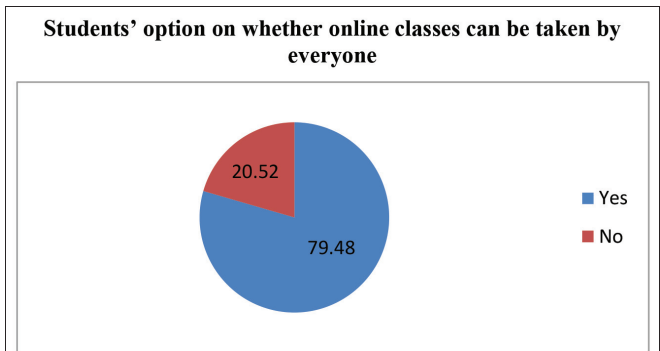
100% students said that they have all the equipment for attending online classes.

Q.7) Are you comfortable to expense the charges of internet usage for accessing online class?

Table - 7: Students' option on whether they expense the charges of net for accessing online class.

STUDENTS' OPTION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
Yes	100	75	79.48
No	0	25	20.52

Chart - 7



79.48% students said that they can meet the demand of expense of using internet usage for online classes.

DIET NORTH 24 PARGANAS

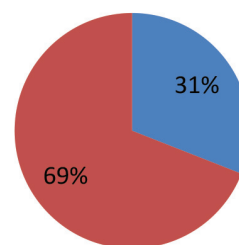
In DIET North 24 Parganas, the total number of responding trainees is 84, among which 26 are boys and 58 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

**Table 1 : Sample Data at DIET
North 24 Parganas**

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	26 (30.95%)
GIRLS	58 (69.05%)
TOTAL	84 (100%)

**NO. OF RESPONDED D.EL.ED STUDENTS
(SESSION:2019-21)**

■ BOYS ■ GIRLS



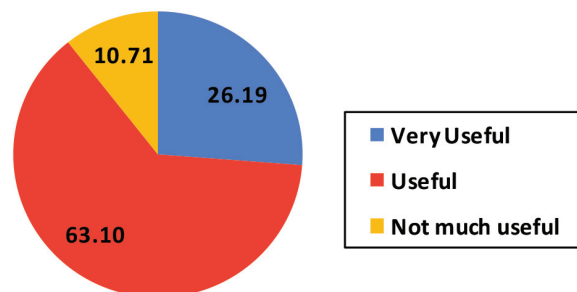
Q.1) Do you think that online classes will be useful for your future application?

Table - 1: Option of the students regarding usefulness of online classes for future application.

Chart - 1

USEFULNESS OF ONLINE CLASSES	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
VERY USEFUL	23.08	27.59	26.19
USEFUL	73.08	58.62	63.10
NOT MUCH USEFUL	3.84	13.79	10.71

Opinion of the students regarding usefulness of online classes for future application



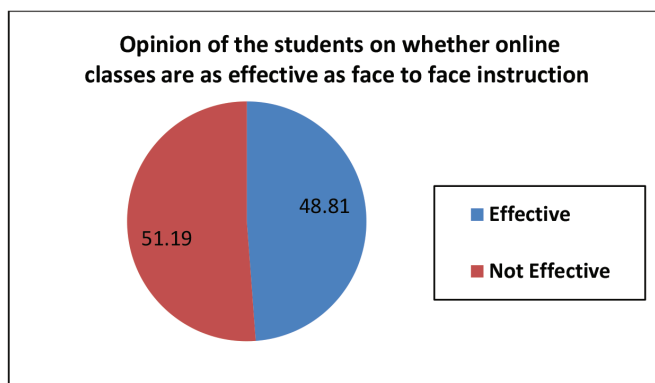
63.10% students think that online classes will be useful for future application whereas according to 26.19% online classes will be very useful. Only 10.71% students feel that online classes are not much useful for their future application. More boys (73.08%) believe in the usefulness of online classes than girls (58.62%).

Q.2) Do you think online classes as effective as face to face instruction?

Table-2: Option of the students on whether online classes are as effective as face to face instruction.

ONLINE CLASSES ARE AS EFFECTIVE AS FACE TO FACE INSTRUCTION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
Effective	42.31	51.72	48.81
Not Effective	57.69	48.28	51.19

Chart - 2



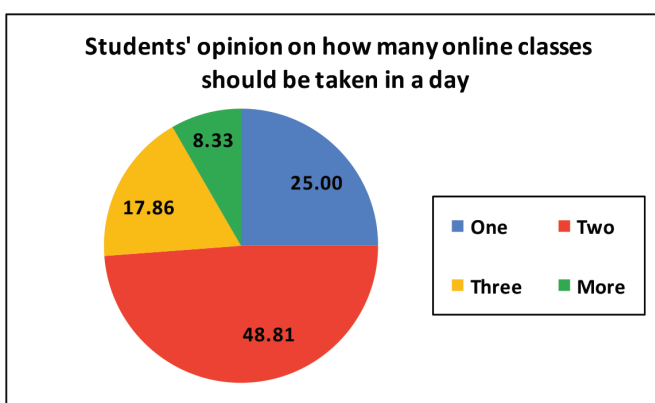
48.81% students have opined that online classes are as effective as face to face instruction. But to 51.19% students traditional classroom teaching-learning is more effective as compared to online classes. It is noteworthy that more girls (51.72%) than boys (42.31%) feel that online classes are as effective as face to face instruction.

Q.3) How many classes should be taken in a day for online classes?

Table - 3: Students' option on how many online classes should be taken in a day.

NO. OF ONLINE CLASSES SHOULD BE TAKEN IN A DAY	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
One	26.92	24.14	25.00
Two	50.00	48.28	48.81
Three	19.23	17.24	17.86
More	3.85	10.34	8.33

Chart - 3



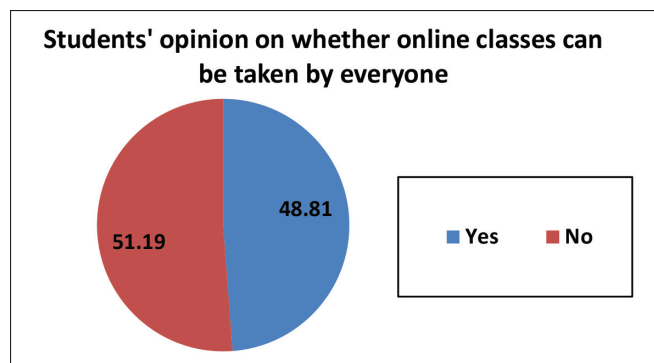
48.81% students want two online classes per day whereas three online classes are preferred by 17.86% students. 25% students prefer only one class a day. Only 8.33% want more than three online classes per day.

Q.4) Do you think that online classes can be taken by everyone?

Table - 4: Students' option whether online classes can be taken by everyone.

STUDENTS' OPTION	PERCENTAGE OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
Yes	30.77	56.90	48.81
No	69.23	43.10	51.19

Chart - 4



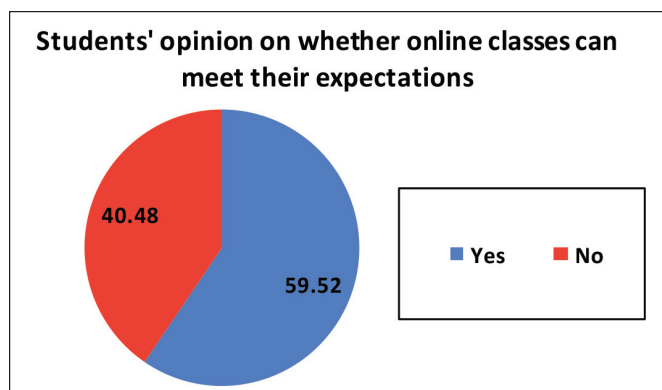
51.19% students are of the opinion that online classes cannot be taken by everyone whereas 48.81% students think the opposite. More boys (69.23%) than girls (43.10%) think that online classes cannot be taken by everyone.

Q.5) Do you think that online classes can meet your expectation?

Table - 5: Students' option on whether online classes can meet their expectation.

STUDENTS' OPTION	PERCENTAGE OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
Yes	61.54	58.62	59.52
No	38.46	41.38	40.48

Chart - 5



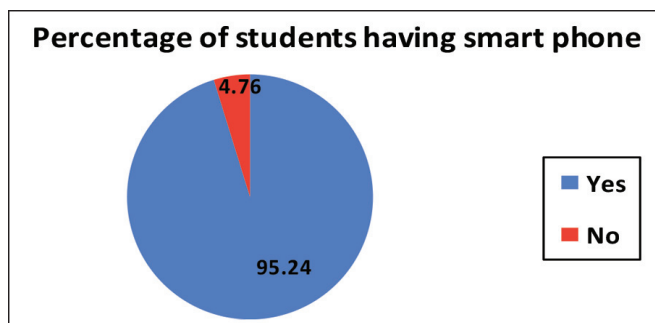
59.52% students feel that online classes can meet their expectation. But 40.48% students think in the negative.

Q.6) Is any Smartphone/PC/Laptop/or all available in your house for attending online class?

Table - 6.1 : Students' having Smart phone.

STUDENTS' OPTION	PERCENTAGE OF STUDENTS HAVING SMART PHONE		
	BOYS	GIRLS	ALL
Yes	96.15	94.83	95.24
No	3.85	5.17	4.76

Chart - 6.1

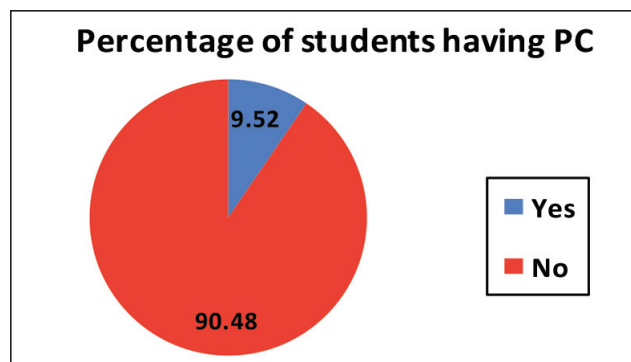


Most of the students (95.24%) have smart phones for attending online classes. Only 4.76% students do not have smart phones.

Table - 6.2 : Students' having Personal Computer (PC)

STUDENTS' OPTION	PERCENTAGE OF STUDENTS HAVING PERSONAL COMPUTER		
	BOYS	GIRLS	ALL
Yes	19.23	5.17	9.52
No	80.77	94.83	90.48

Chart - 6.2

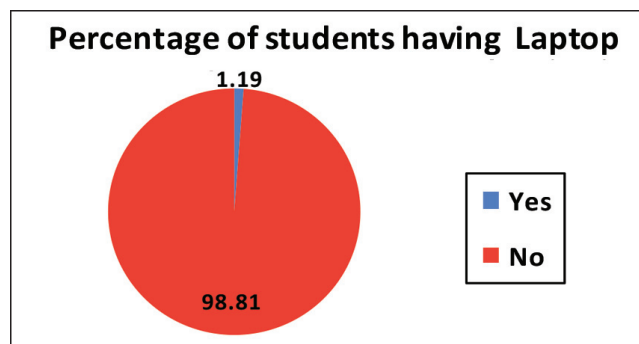


Most of the students (90.48%) do not have personal computer in their home. Only 9.52% have PCs for attending online classes.

Table - 6.3 : Students' having Laptop

STUDENTS' OPTION	PERCENTAGE OF STUDENTS HAVING LAPTOP		
	BOYS	GIRLS	ALL
Yes	3.85	0.00	1.19
No	96.15	100.00	98.81

Chart - 6.3



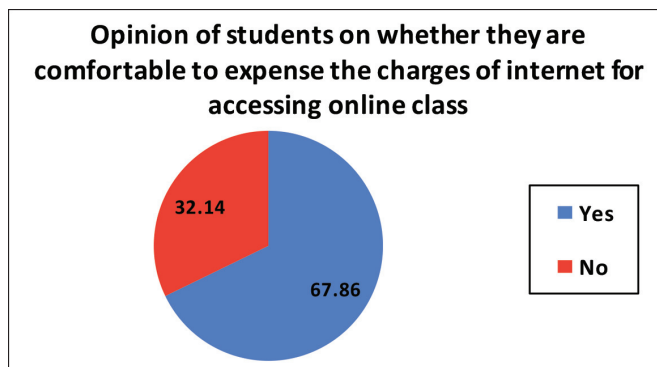
98.81% students do not have laptop facility in their home for online classes.

It is important to note that 3 students (3.57%) out of 84 students have none of smart phone, personal computer or laptop in their home. 7 students (8.33%) has both smart phone and PC. Only 1 student has both smart phone and laptop. Also 1 student does not have smart phone but has PC for attending online classes.

Q.7) Are you comfortable to expense the charges of internet for accessing online class?

Table - 7: Opinion of students on whether they are comfortable to expense the charges of internet for accessing online class.

STUDENTS' OPTION	PERCENTAGE OF STUDENTS		
	BOYS	GIRLS	ALL
Yes	69.23	67.24	67.86
No	30.77	32.76	32.14



67.86% students are comfortable to expense the internet charges for accessing online classes. But for 32.14% students it may not be possible to bear the charges of internet for attending online classes.

Q.8) Your overall opinion about the online programme

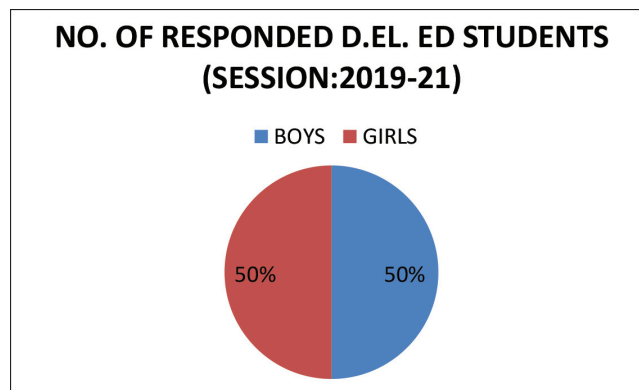
- 64% students have said that online learning is the need of this moment and they are very excited to attend online classes. According to them in this COVID-19 pandemic situation online class is the best and safest alternative to continue their course and to complete their syllabus.
- 20.24% students have said that they are not against online classes. But according to them infrastructure problem like network problem, electricity problem in some rural areas and also lack of smart phones or PCs with proper configuration will seriously hamper their participation in online classes.
- 10.71% students have shared that it will be difficult for them to afford the expenditure of internet charge. They have said that financial condition of their families has deteriorated in this pandemic situation.
- 5.05% are sceptical about the success of online classes. They have said that traditional face to face class is more effective than online class. According to them a teacher-student relationship can be best established in a classroom only. Virtual learning offers a good substitute to classroom learning in the time of emergency but it cannot replace the classroom.

DIET PASCHIM MEDINIPORE

In DIET Pachim Medinipore, the total number of responding trainees is 30, among which 15 are boys and 15 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Pachim Medinipore

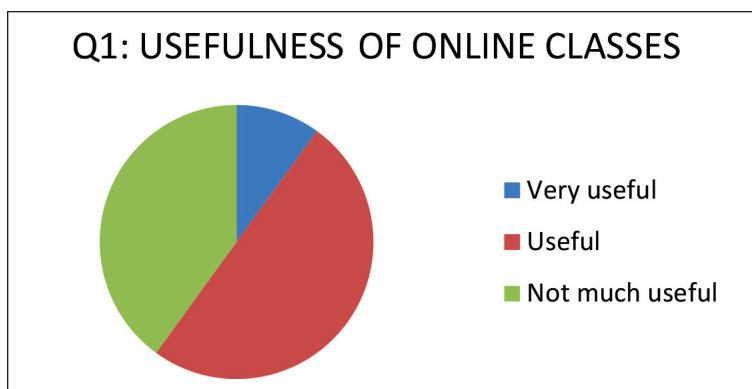
DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	15 (50%)
GIRLS	15 (50%)
TOTAL	30 (100%)



1. Do you think that online classes will be useful for your future application?

QUESTION SERIAL NO. 1	DO YOU THINK THAT ONLINE CLASSES WILL BE USEFUL FOR YOUR FUTURE APPLICATION?		
COMPONENTS	VERY USEFUL	USEFUL	NOT MUCH USEFUL
NUMBER OF RESPONSES	3	15	12
PERCENTAGE (%)	10	50	40

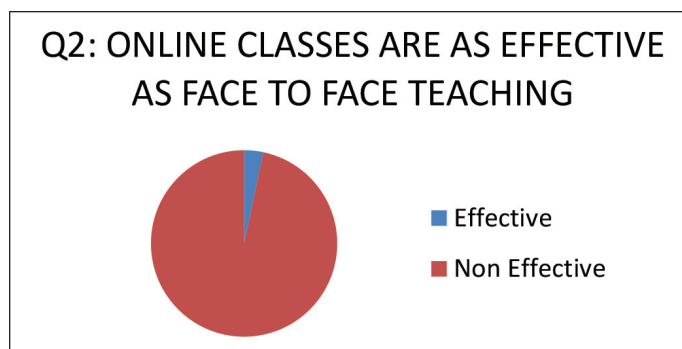
Total 50% of students are thinking that online classes will be useful to them and 10% students are thinking that it will be very useful to them whereas 40% students are thinking that it will not be much useful to them.



2. Do you think online classes are as effective as face to face teaching?

QUESTION SERIAL NO. 2	DO YOU THINK ONLINE CLASS AS EFFECTIVE AS FACE TO FACE INSTRUCTION?	
COMPONENTS	EFFECTIVE	NON EFFECTIVE
NUMBER OF RESPONSES	1	29
PERCENTAGE (%)	3.33%	46.67

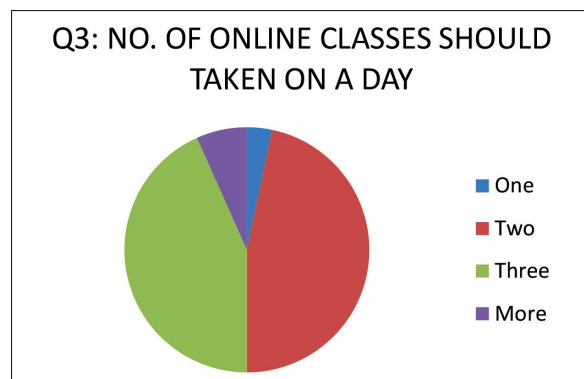
Total 3.33% of students opine that they think online classes are effective as face to face instruction whereas 46.67% of students do not think it (Online classes) effective as face to face instruction.



3. How many classes should be taken in a day or in a week for online classes?

QUESTION SERIAL NO. 3	DO YOU THINK THAT ONLINE CLASSES WILL BE USEFUL FOR YOUR FUTURE APPLICATION?			
COMPONENTS	ONE	TWO	THREE	MORE
NUMBER OF RESPONSES	1	14	13	2
PERCENTAGE (%)	3.33	46.67	43.33	6.67

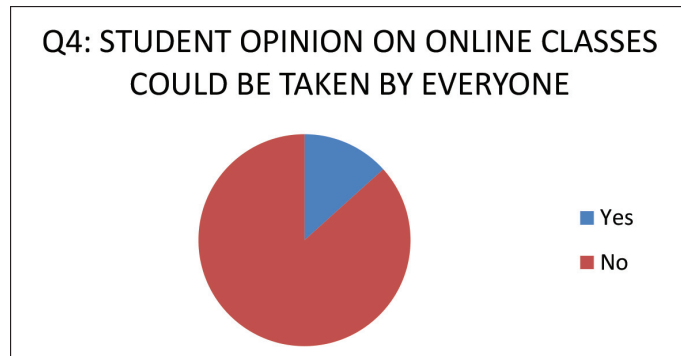
46.67% of students think that only two classes should be taken in a week , 43.33% of students think that only three classes should be taken in a week and 6.67% think that more than three classes should be taken in a week but only 3.33% of students think that only one class should be taken per week.



4. Do you think that online classes could be taken by everyone?

QUESTION SERIAL NO. 4	DO YOU THINK THAT ONLINE CLASSES CAN BE TAKEN BY EVERYONE?	
COMPONENTS	YES	NO
NUMBER OF RESPONSES	4	26
PERCENTAGE (%)	13.33	86.67

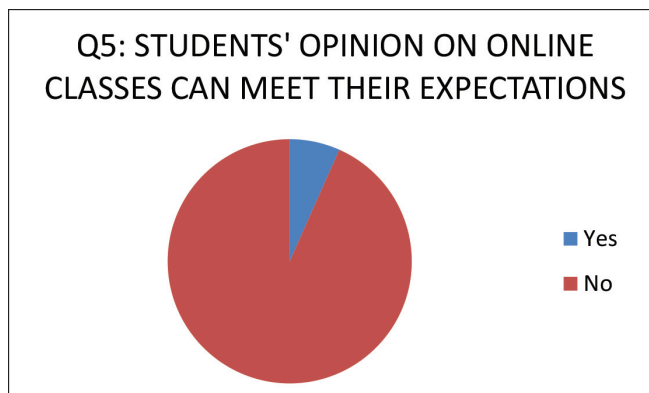
Total 86.67% of students are giving their opinion that they think online classes can't be taken by everyone whereas 13.33% of students are thinking that everyone should take the online classes.



5. Do you think that online classes can meet their expectations?

QUESTION SERIAL NO. 5	DO YOU THINK THAT ONLINE CLASSES CAN MEET YOUR EXPECTATION?	
COMPONENTS	YES	NO
NUMBER OF RESPONSES	2	28
PERCENTAGE (%)	6.67	93.33

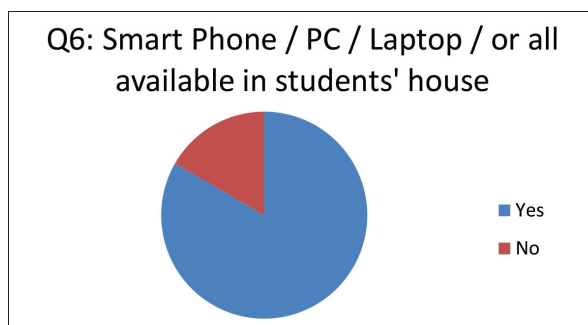
Total 93.33% of students opine that they don't think that online classes can meet their expectation whereas 6.67% opine that online classes will meet their expectation.



6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

QUESTION SERIAL NO. 6	IN ANY SMART PHONE/PC/LAPTOP/ OR ALL AVAILABLE IN YOUR HOUSE FOR ATTENDING ONLINE CLASS?	
COMPONENTS	YES	NO
NUMBER OF RESPONSES	25	5
PERCENTAGE (%)	83.33	16.67

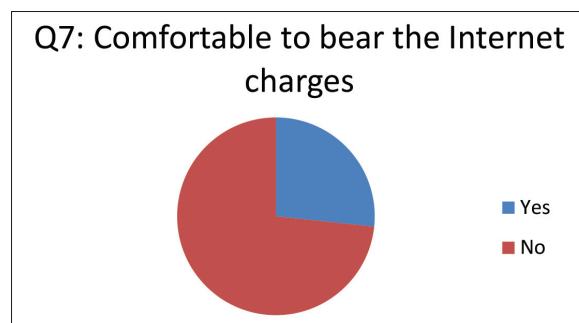
Total 83.33% of students can avail Smart phone / PC/ Laptop for online classes but 16.67% can't avail those.



7. Are you comfortable to bear the Internet charges for participating into online classes?

QUESTION SERIAL NO. 7	ARE YOU COMFORTABLE TO EXPENSE THE CHARGES OF INTERNET USAGE FOR ACCESSING ONLINE CLASS?	
COMPONENTS	YES	NO
NUMBER OF RESPONSES	8	22
PERCENTAGE (%)	26.67	73.33

Total 26.67% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 73.33% can't bear the expanses of the charges of internet usage for accessing online classes.



Question Serial No 8:

- 1) In the COVID-19 situation online class is very effective for us but internet connection is not available in remote area.
- 2) Practical part of D.El.Ed courses is difficult through online classes.

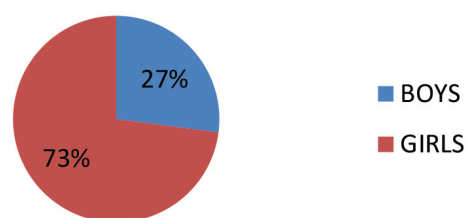
DIET PURULIA

In DIET Purulia, the total number of responding trainees is 85, among which 23 are boys and 62 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Purulia

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	23 (27.06%)
GIRLS	62 (72.94%)
TOTAL	85 (100%)

NO. OF RESPONDED D.EL.ED STUDENTS (SESSION:2019-21)



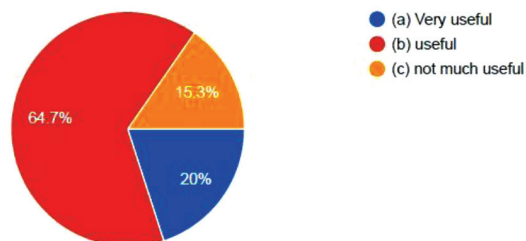
1. Do you think that online classes will be useful for your future application?

Total 64.7% of students are thinking that online classes will be useful to them and 20% students are thinking that it will be very useful to them whereas 15.3% students are thinking that it will not be much useful to them.

Q1: USEFULNES OF ONLINE CLASSES	TOTAL
VERY USEFUL	20.00%
USEFUL	64.70%
NOT MUCH USEFUL	15.30%

1. Do you think that online classes will be useful for your future application? (Put a tick in appropriate number)

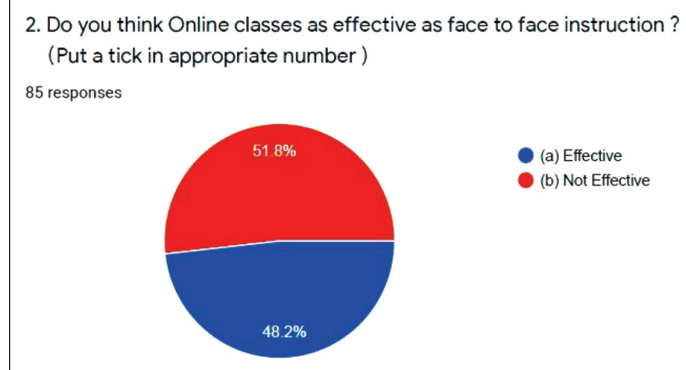
85 responses



2. Do you think online classes are as effective as face to face teaching?

Total 48.2% of students opine that they think online classes are effective as face to face instruction whereas 51.8% of students do not think it (Online classes) effective as face to face instruction.

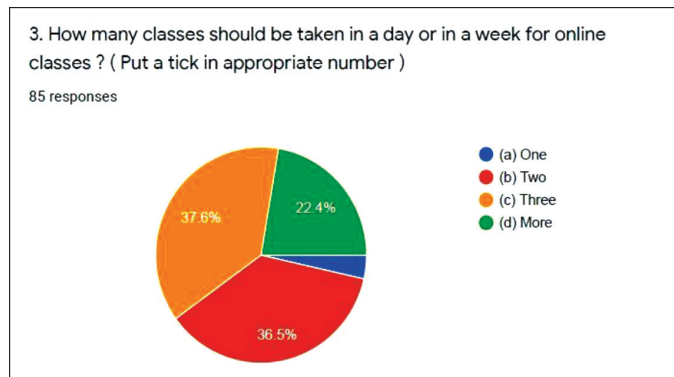
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	48.20%
NOT EFFECTIVE	51.80%



3. How many classes should be taken in a day or in a week for online classes?

36.5% of students think that only two classes should be taken in a week, 37.6% of students think that only three classes should be taken in a week and 22.4% think that more than three classes should be taken in a week but only 3.5% of students think that only one class should be taken per week.

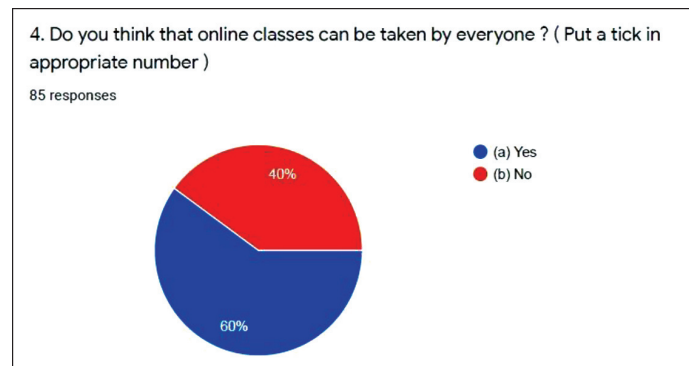
Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	3.50%
TWO	36.50%
THREE	37.60%
MORE	22.40%



4. Do you think that online classes could be taken by everyone?

Total 40% of students are giving their opinion that they think online classes can't be taken by everyone whereas 60% of students are thinking that everyone should take the online classes.

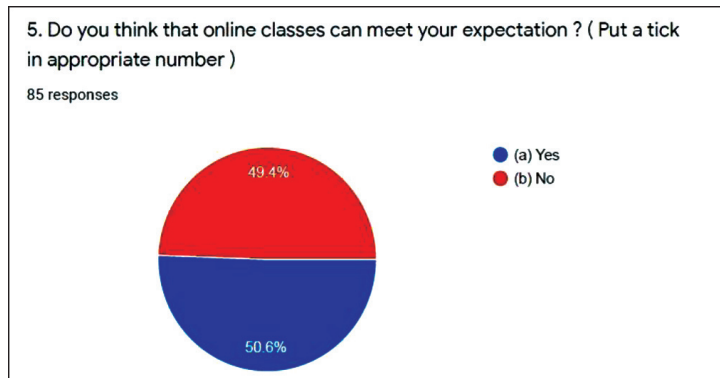
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	60.00%
NO	40.00%



5. Do you think that online classes can meet their expectations?

Total 49.4% of students opine that they don't think that online classes can meet their expectation whereas 50.6% opine that online classes will meet their expectation.

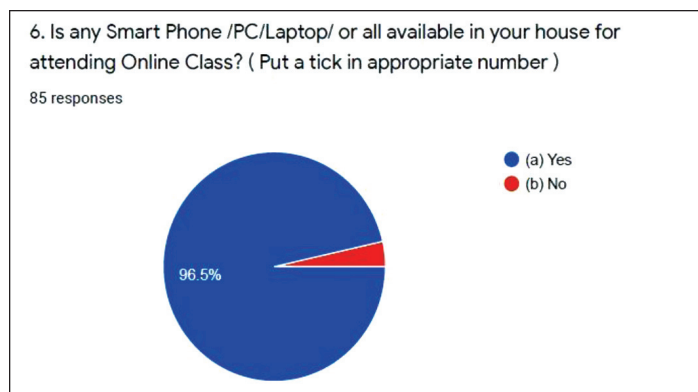
Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	50.60%
NO	49.40%



6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 96.5% of students can avail Smart phone / PC/ Laptop for online classes but 3.5% can't avail those.

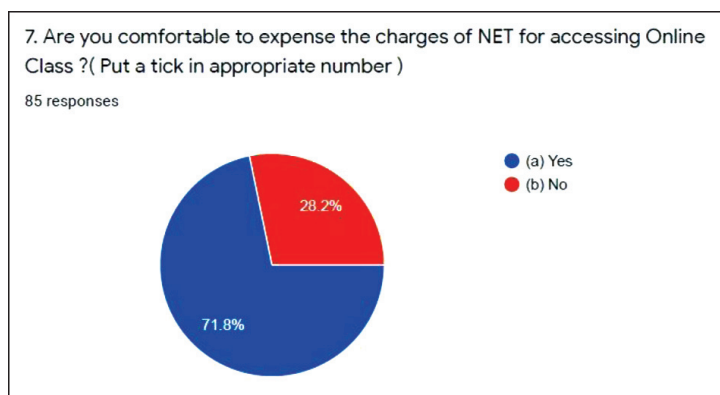
Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	96.50%
NO	3.50%



7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 71.8% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 28.2% can't bear the expenses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	71.80%
NO	28.20%



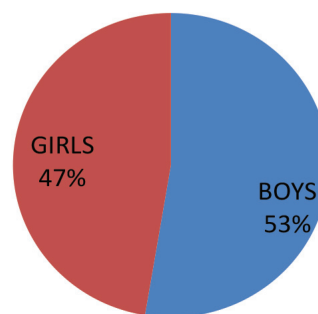
DIET SOUTH 24 PARGANAS

In DIET South 24 Parganas, the total number of responding trainees is 76, among which 40 are boys and 36 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET South 24 Pgs

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	40 (52.63%)
GIRLS	36 (47.37%)
TOTAL	76 (100%)

NO. OF RESPONDED D.EL.ED STUDENTS (SESSION:2019-21)

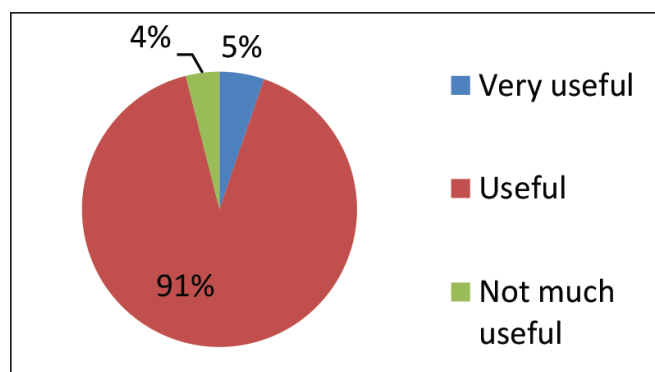


1. Do you think that online classes will be useful for your future application?

Table - 1

Opinion of the students	Female	Male	Total	%
Very useful	1	3	4	5.26%
Useful	34	35	69	90.79%
Not much useful	1	2	3	3.95%
	36	40	76	

Chart - 1



Here it is find that 90.7% students are agreed that the online classes are useful.

2. Do you think online classes are as effective as face to face teaching?

Table - 2

Opinion of the students	Female	Male	Total	%
Effective	7	2	9	11.84%
Not effective	29	38	67	88.16%
	36	40	76	

Chart - 2

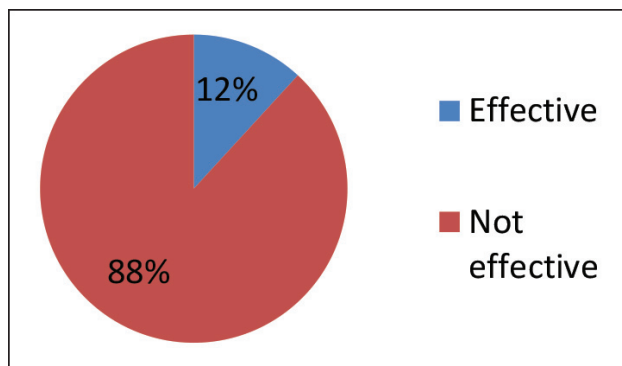


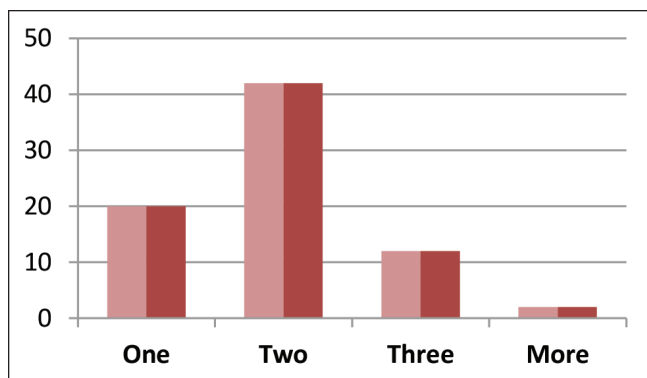
Table 2 show that maximum students think online class will be not effective to them.

3. How many classes should be taken in a day or in a week for online classes?

Table - 3

Opinion of the students	Female	Male	Total	%
One	15	6	21	27.63%
Two	15	26	41	53.95%
Three	5	7	12	15.79%
More	1	1	2	2.63%
	36	40	76	

Chart - 3



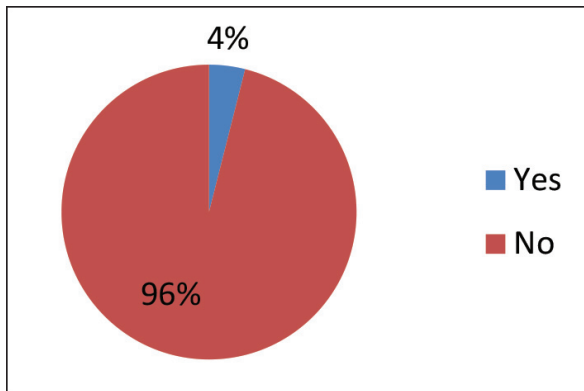
From table-3 it found that majority of the students wants two classes per day.

4. Do you think that online classes could be taken by everyone?

Table - 4

Opinion of the students	Female	Male	Total	%
Yes	2	1	3	3.95%
No	34	39	73	96.05%
	36	40	76	

Chart - 4



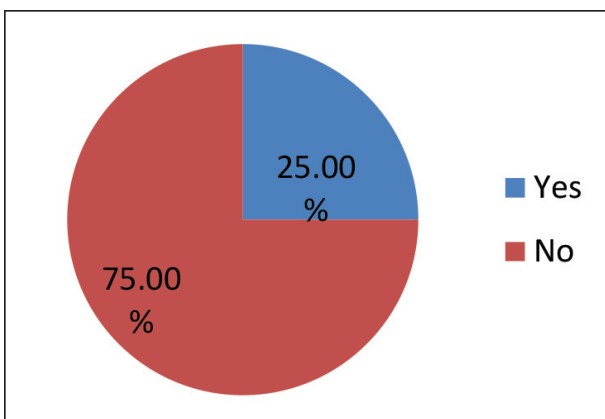
From the table 4 it is found that 96% of the students think that online classes cannot be taken by everyone.

5. Do you think that online classes can meet their expectations?

Table - 5

Opinion of the students	Female	Male	Total	%
Yes	12	7	19	25.00%
No	24	33	57	75.00%
	36	40	76	

Chart - 5



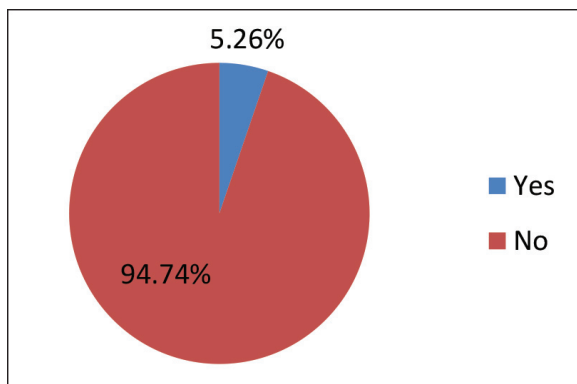
Regarding fulfill the expectation of the students there is mixed opinion found.

6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Table - 6

Opinion of the students	Female	Male	Total	%
Yes	2	2	4	5.26%
No	34	38	73	94.74%
	36	40	76	

Chart - 6



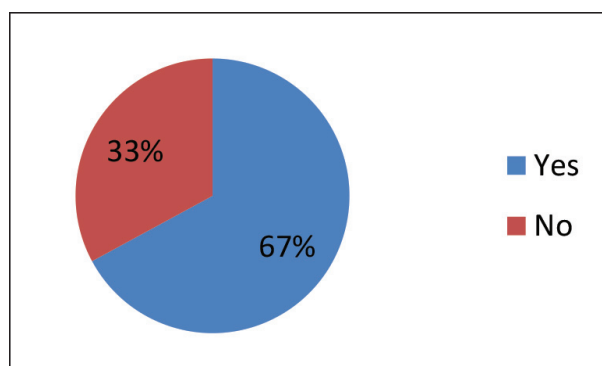
Here table 6 depicts that majority of the students has no PC/Laptop/Smart Phone.

7. Are you comfortable to bear the Internet charges for participating into online classes?

Table - 7

Opinion of the students	Female	Male	Total	%
Yes	23	29	51	67.11%
No	13	11	25	32.89%
TOTAL	36	40	76	

Chart - 7



Regarding NET connection for online classes there is also found a mixed opinion. Majority respond that they can access NET.

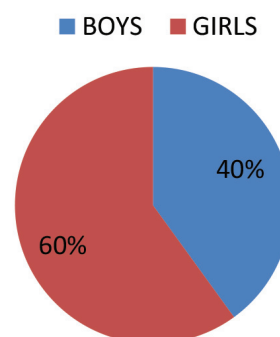
DIET PURBA MEDINIPORE

In DIET Purba Medinipore, the total number of responding trainees is 35, among which 14 are boys and 21 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

**Table 1 : Sample Data at DIET
Purba Medinipore**

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	14 (40%)
GIRLS	21 (60%)
TOTAL	35 (100%)

NO. OF RESPONDED D.EL.ED STUDENTS (SESSION:2019-21)

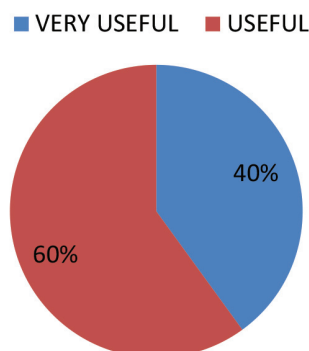


1. Do you think that online classes will be useful for your future application?

Total 60% of students are thinking that online classes will be useful to them and 40% students are thinking that it will be very useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	40%
USEFUL	60%
NOT MUCH USEFUL	100%

Q1: USEFULNESS OF ONLINE CLASSES



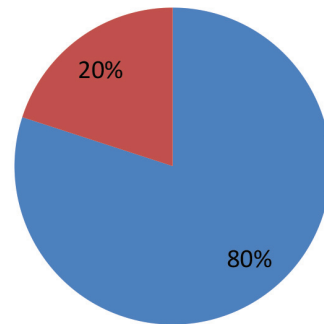
2. Do you think online classes are as effective as face to face teaching?

Total 80% of students opine that they think online classes are effective as face to face instruction whereas 20% of students do not think it (Online classes) effective as face to face instruction.

Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	80%
NOT EFFECTIVE	20%

Q2: EFFECTIVENESS OF ONLINE CLASSES

■ EFFECTIVE ■ NOT EFFECTIVE



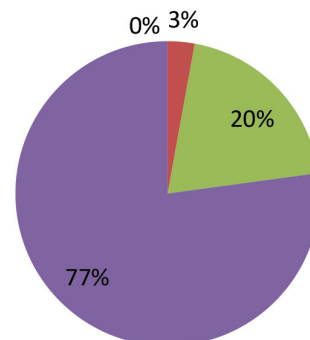
3. How many classes should be taken in a day or in a week for online classes?

2.86% of students think that only two classes should be taken in a week, 20% of students think that only three classes should be taken in a week and 77.14% think that more than three classes should be taken in a week.

Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	0.00%
TWO	2.86%
THREE	20.00%
MORE	77.14%

Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY

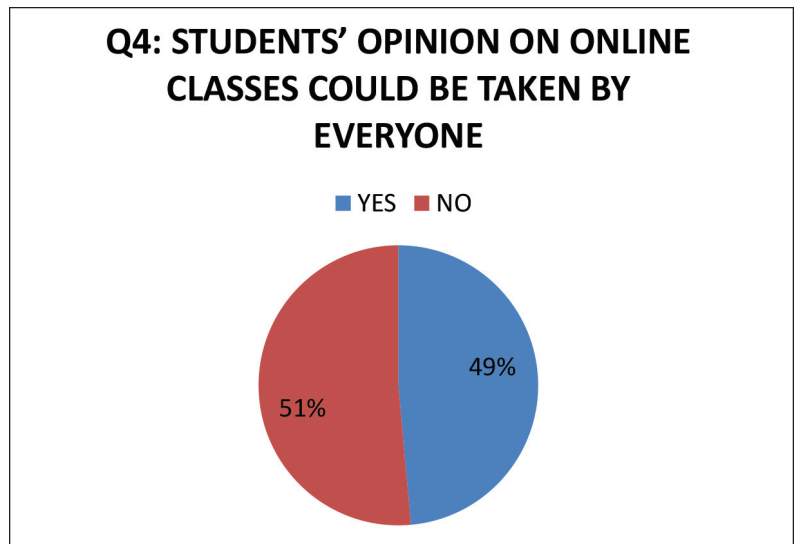
■ ONE ■ TWO ■ THREE ■ MORE



4. Do you think that online classes could be taken by everyone?

Total 51.43% of students are giving their opinion that they think online classes can't be taken by everyone whereas 48.57% of students are thinking that everyone should take the online classes.

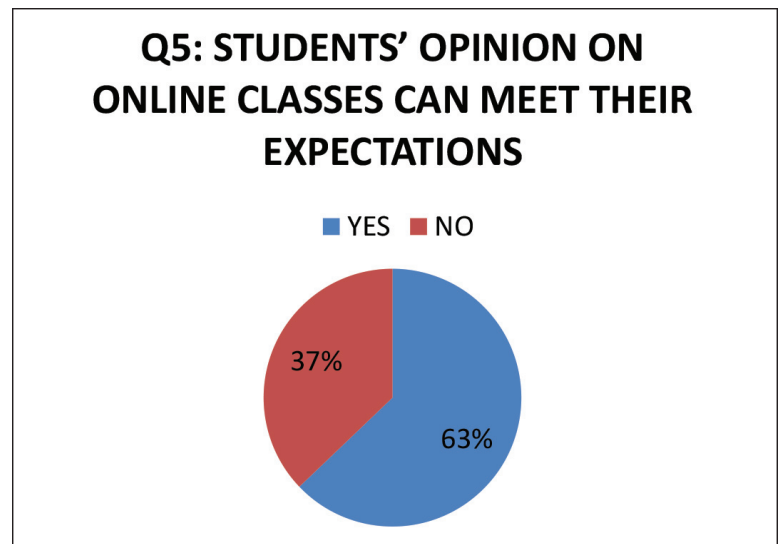
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	48.57%
NO	51.43%



5. Do you think that online classes can meet their expectations?

Total 37.14% of students opine that they don't think that online classes can meet their expectation whereas 62.86% opine that online classes will meet their expectation.

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	62.86%
NO	37.14%



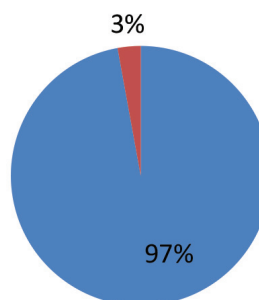
6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 97.14% of students can avail Smart phone / PC/ Laptop for online classes but 2.86% can't avail those.

Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	97.14%
NO	2.86%

**Q6: SMART PHONE / PC / LAPTOP /
OR ALL AVAILABLE IN STUDENTS'
HOUSE**

■ YES ■ NO



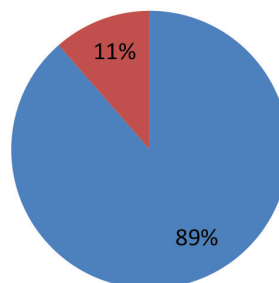
7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 88.57% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 11.43% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	88.57%
NO	11.43%

**Q7: COMFORTABLE TO BEAR THE INTERNET
CHARGES**

■ YES ■ NO



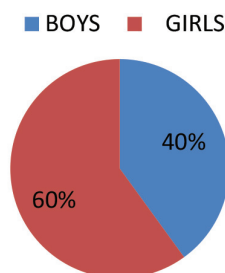
DIET MURSHIDABAD

In DIET Murshidabad, the total number of responding trainees is 35, among which 14 are boys and 21 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Murshidabad

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	14 (40%)
GIRLS	21 (60%)
TOTAL	35 (100%)

NO. OF RESPONDED D.EL.ED STUDENTS (SESSION:2019-21)



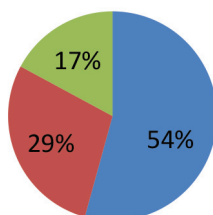
1. Do you think that online classes will be useful for your future application?

Total 28.57% of students are thinking that online classes will be useful to them and 54.29% students are thinking that it will be very useful to them whereas 17.14% students are thinking that it will not be much useful to them.

ONLINE CLASSES ARE USEFUL FOR YOUR FUTURE APPLICATION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
VERY USEFUL	52.35	56.31	54.29
USEFUL	27.48	26.38	28.57
NOT MUCH USEFUL	20.17	17.31	17.14

Q1: USEFULNESS OF ONLINE CLASSES

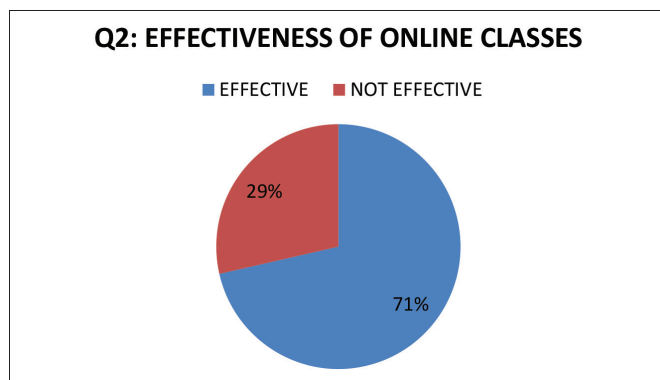
■ VERY USEFUL ■ USEFUL ■ NOT MUCH USEFUL



2. Do you think online classes are as effective as face to face teaching?

Total 71.43% of students opine that they think online classes are effective as face to face instruction whereas 28.57% of students do not think it (Online classes) effective as face to face instruction.

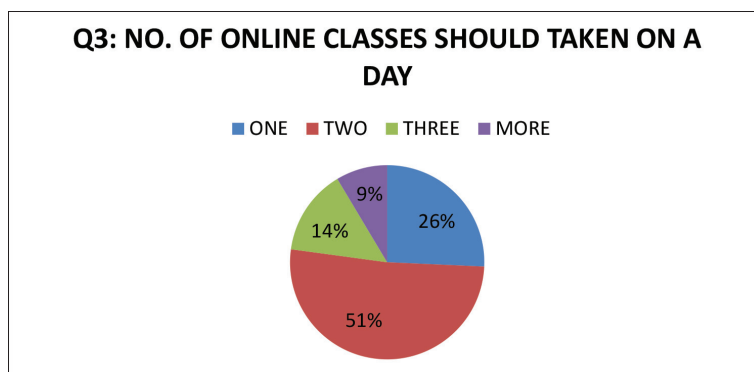
ONLINE CLASSES ARE AS EFFECTIVE AS FACE TO FACE INSTRUCTION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
EFFECTIVE	70.41	72.35	71.43
NOT EFFECTIVE	29.59	27.65	28.57



3. How many classes should be taken in a day or in a week for online classes?

51.43% of students think that only two classes should be taken in a week, 14.29% of students think that only three classes should be taken in a week and 8.57% think that more than three classes should be taken in a week but only 25.71% of students think that only one class should be taken per week.

HOW MANY CLASSES SHOULD BE TAKEN IN A DAY	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
ONE	24.85	24.35	25.71
TWO	52.71	52.72	51.43
THREE	15.35	15.41	14.29
MORE	07.09	07.52	8.57

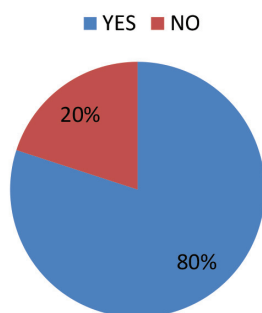


4. Do you think that online classes could be taken by everyone?

Total 20% of students are giving their opinion that they think online classes can't be taken by everyone whereas 80% of students are thinking that everyone should take the online classes.

ONLINE CLASSES CAN BE TAKEN BY EVERYONE	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
YES	79.35	81.48	80
NO	20.65	18.52	20

Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE

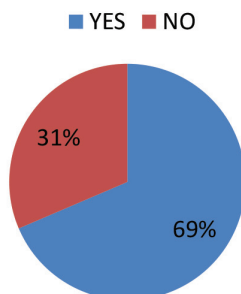


5. Do you think that online classes can meet their expectations?

Total 31.43% of students opine that they don't think that online classes can meet their expectation whereas 68.57% opine that online classes will meet their expectation.

ONLINE CLASSES CAN MEET YOUR EXPECTATION	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
YES	67.82	68.85	68.57
NO	32.18	31.15	31.43

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS

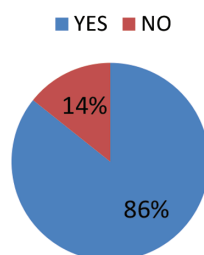


6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 85.71% of students can avail Smart phone / PC/ Laptop for online classes but 14.29% can't avail those.

SMART PHONE/PC/LAPTOP OR ALL AVAILABLE	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
YES	83.52	86.72	85.71
NO	16.48	13.28	14.29

**Q6: SMART PHONE / PC / LAPTOP / OR ALL
AVAILABLE IN STUDENTS' HOUSE**

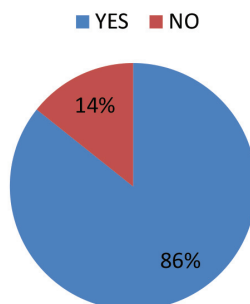


7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 85.71% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 14.29% can't bear the expanses of the charges of internet usage for accessing online classes.

COMFORTABLE TO EXPENSE THE INTERNET USAGE CHARGE	OPTION OF STUDENTS (IN %)		
	BOYS	GIRLS	ALL
YES	84.51	86.12	85.71
NO	15.49	13.88	14.29

**Q7: COMFORTABLE TO BEAR THE
INTERNET CHARGES**



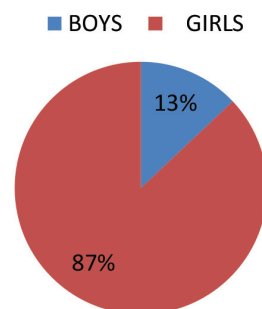
DIET HOWRAH

In DIET Howrah, the total number of responding trainees is 54, among which 7 are boys and 47 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through email. SCERT,WB integrated all the data in Excel sheet and analysed the same.

Table 1 : Sample Data at DIET Howrah

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	7 (13%)
GIRLS	47 (87%)
TOTAL	54 (100%)

**NO. OF RESPONDED D.EL.ED STUDENTS
(SESSION:2019-21)**

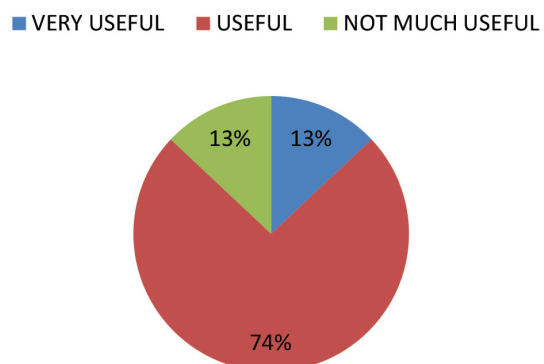


1. Do you think that online classes will be useful for your future application?

Total 74% of students are thinking that online classes will be useful to them and 13% students are thinking that it will be very useful to them whereas 13% students are thinking that it will not be much useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	13.00%
USEFUL	74.00%
NOT MUCH USEFUL	13.00%

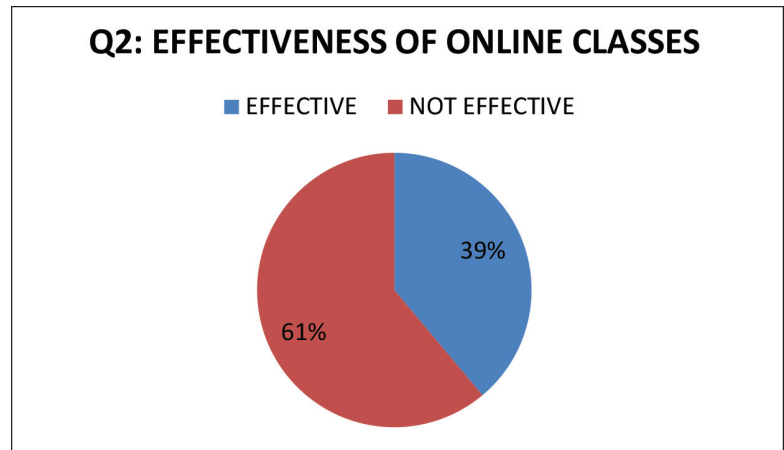
Q1: USEFULNESS OF ONLINE CLASSES



2. Do you think online classes are as effective as face to face teaching?

Total 38.9% of students opine that they think online classes are effective as face to face instruction whereas 61.1% of students do not think it (Online classes) effective as face to face instruction.

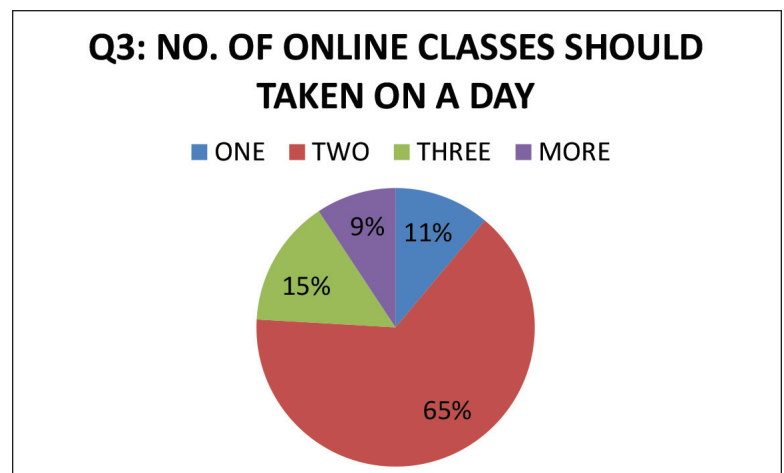
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	38.9%
NOT EFFECTIVE	61.1%



3. How many classes should be taken in a day or in a week for online classes?

64.8% of students think that only two classes should be taken in a week, 14.8% of students think that only three classes should be taken in a week and 9.3% think that more than three classes should be taken in a week but only 11.1% of students think that only one class should be taken per week.

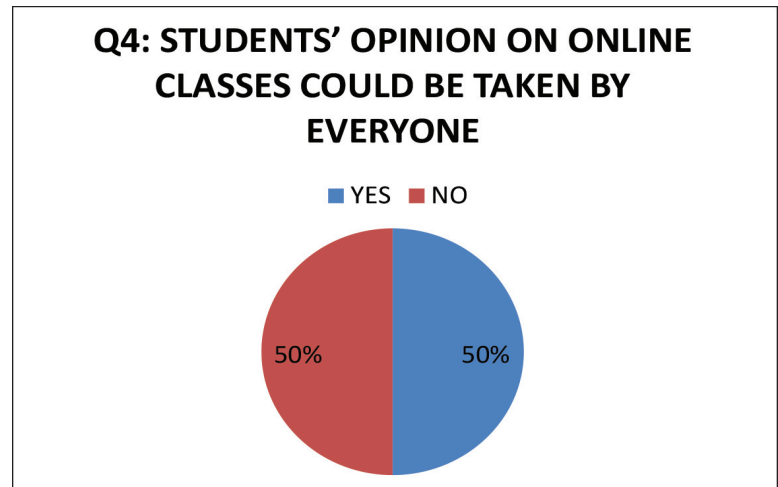
Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	11.10%
TWO	64.80%
THREE	14.80%
MORE	9.3%



4. Do you think that online classes could be taken by everyone?

Total 50% of students are giving their opinion that they think online classes can't be taken by everyone whereas 50% of students are thinking that everyone should take the online classes.

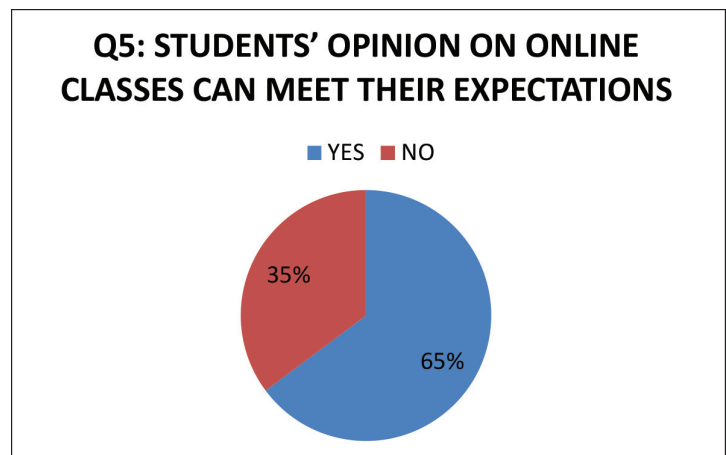
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	50%
NO	50%



5. Do you think that online classes can meet their expectations?

Total 35.2% of students opine that they don't think that online classes can meet their expectation whereas 64.8% opine that online classes will meet their expectation.

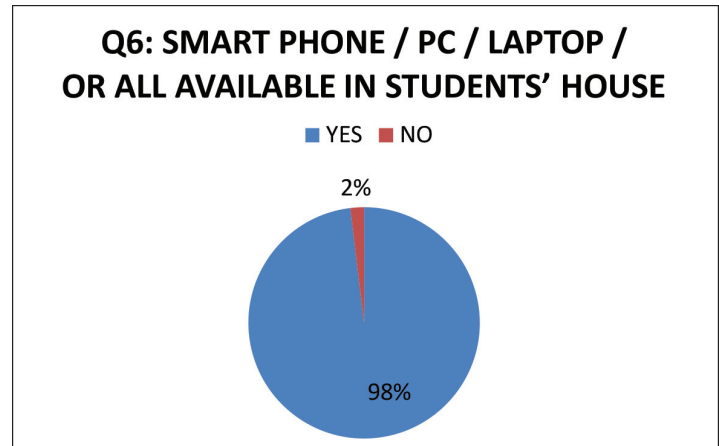
Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	64.80%
NO	35.20%



6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 98.1% of students can avail Smart phone / PC/ Laptop for online classes but 1.9% can't avail those.

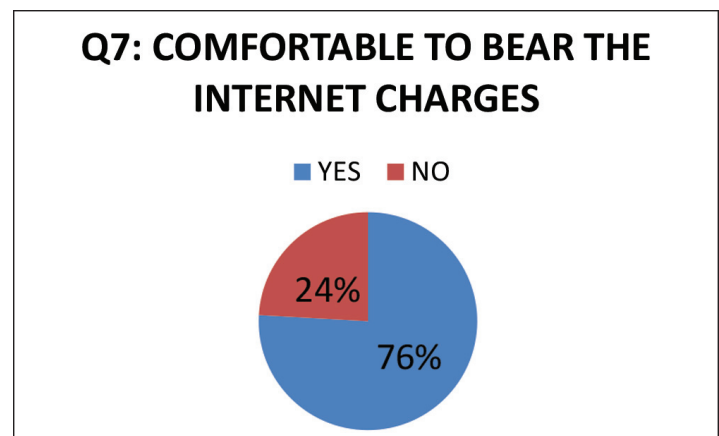
Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	98.10%
NO	1.90%



7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 76% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 24% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	76.00%
NO	24.00%



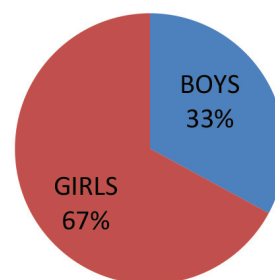
DIET COOCHBEHAR

In DIET Coochbehar, the total number of responding trainees is 76, among which 25 are boys and 51 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through email. SCERT,WB integrated all the data in Excel sheet and analysed the same.

Table 1 : Sample Data at DIET Coochbehar

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	25 (32.89%)
GIRLS	51 (67.11%)
TOTAL	76 (100%)

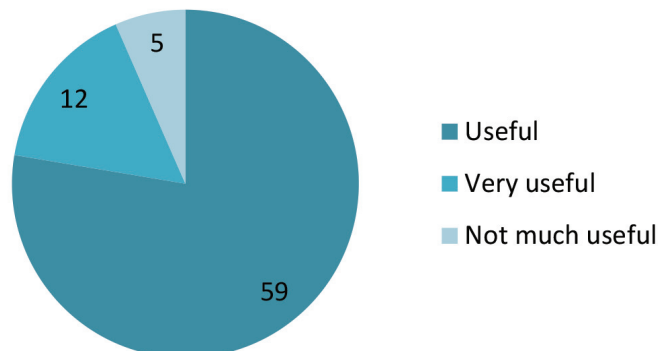
NO. OF RESPONDED D.EL. ED STUDENTS (SESSION:2019-21)



1. Do you think that online classes will be useful for your future application?

Total 77.63% of students are thinking that online classes will be useful to them and 15.79% students are thinking that it will be very useful to them whereas 6.58% students are thinking that it will not be much useful to them.

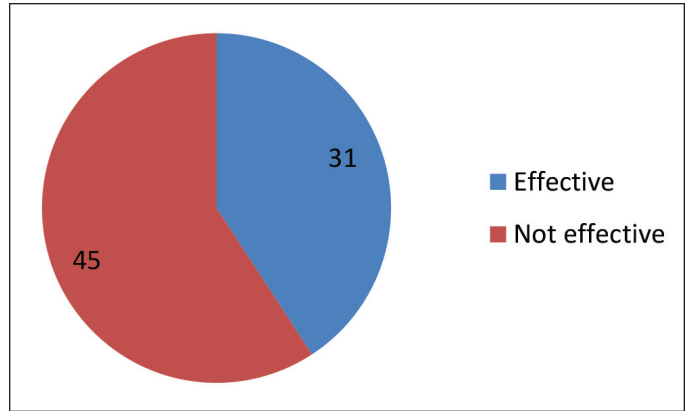
Q. No. 1: Do you think that online classes will be useful for your future application?	Frequency	Percentage (%)
Useful	59	77.63
Very useful	12	15.79
Not much useful	5	6.58



2. Do you think online classes are as effective as face to face teaching?

Total 40.79% of students opine that they think online classes are effective as face to face instruction whereas 59.21% of students do not think it (Online classes) effective as face to face instruction.

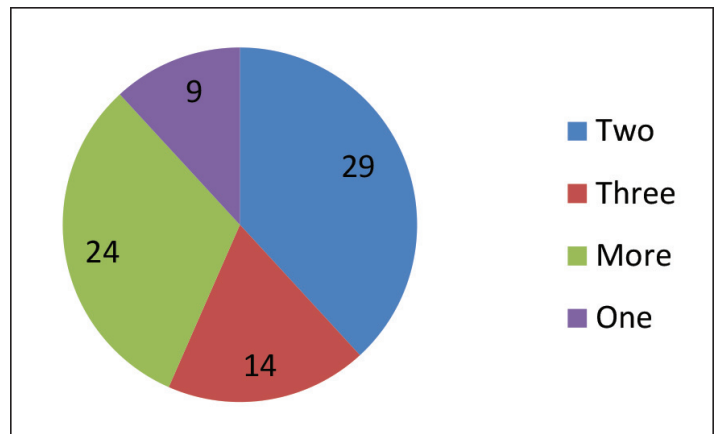
Q. No. 2: Do you think online classes as effective as face to face instruction?	Frequency	Percentage (%)
Effective	31	40.79
Not effective	45	59.21



3. How many classes should be taken in a day or in a week for online classes?

38.16% of students think that only two classes should be taken in a week, 18.42% of students think that only three classes should be taken in a week and 31.58% think that more than three classes should be taken in a week but only 11.84% of students think that only one class should be taken per week.

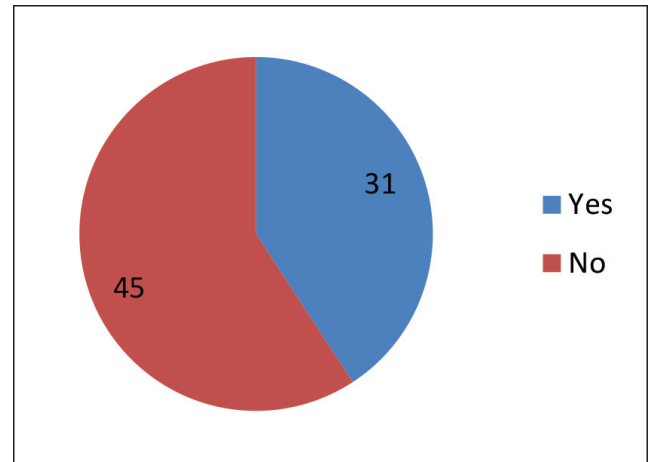
Q. No. 3: How many classes should be taken in a day or in a week for online classes?	Frequency	Percentage (%)
Two	29	38.16
Three	14	18.42
More	24	31.58
One	9	11.84



4. Do you think that online classes could be taken by everyone?

Total 59.21% of students are giving their opinion that they think online classes can't be taken by everyone whereas 40.79% of students are thinking that everyone should take the online classes.

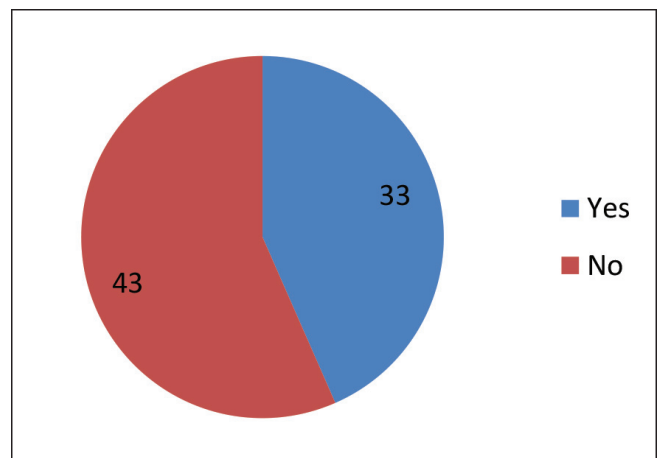
Q. No. 4: Do you think that online classes can be taken by every one?	Frequency	Percentage (%)
Yes	31	40.79
No	45	59.21



5. Do you think that online classes can meet their expectations?

Total 56.58% of students opine that they don't think that online classes can meet their expectation whereas 43.42% opine that online classes will meet their expectation.

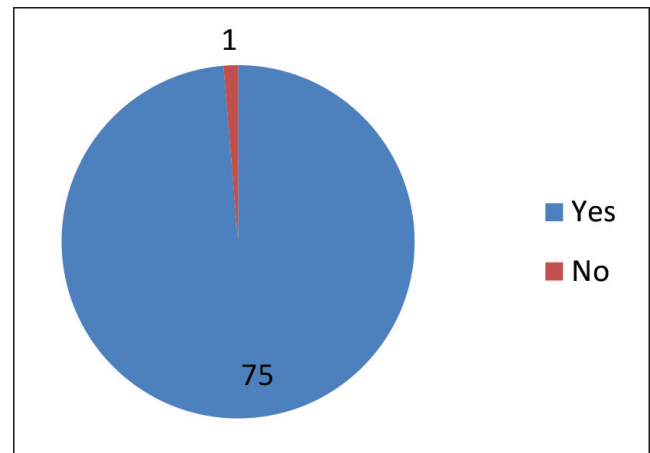
Q. No. 5: Do you think that online classes can meet your expectation?	Frequency	Percentage (%)
Yes	33	43.42
No	43	56.58



6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 98.68% of students can avail Smart phone / PC/ Laptop for online classes but 1.32% can't avail those.

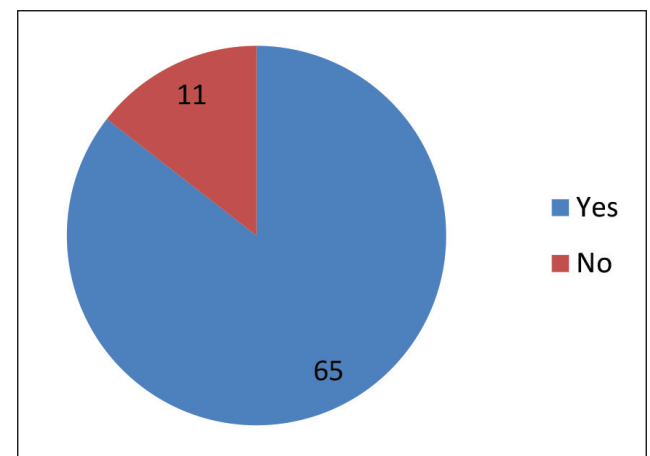
Q. No. 6: Is any Smart Phone/ PC/ Laptop/ or all available in your house for attending online class?	Frequency	Percentage (%)
Yes	75	98.68
No	1	1.32



7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 85.53% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 14.47% can't bear the expanses of the charges of internet usage for accessing online classes.

Q. No. 7: Are you comfortable to expense the charges of internet usage for accessing online class?	Frequency	Percentage (%)
Yes	65	85.53
No	11	14.47

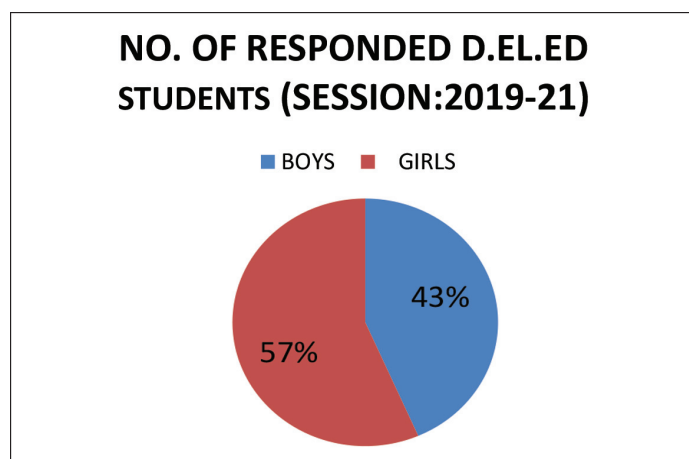


DIET MALDA

In DIET Malda, the total number of responding trainees is 46, among which 20 are boys and 26 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Malda

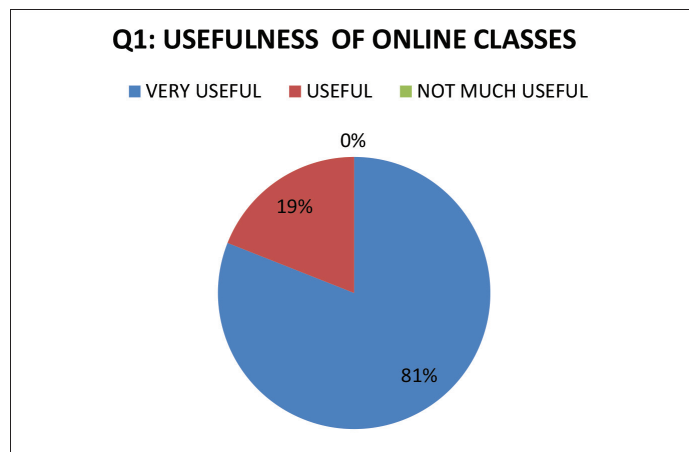
DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	20 (43.47%)
GIRLS	26 (56.53%)
TOTAL	46 (100%)



1. Do you think that online classes will be useful for your future application?

Total 19% of students are thinking that online classes will be useful to them and 81% students are thinking that it will be very useful to them.

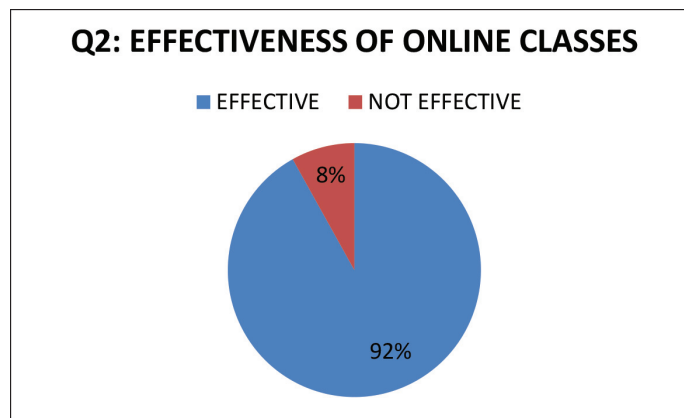
Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	81.00%
USEFUL	19.00%
NOT MUCH USEFUL	0.00%



2. Do you think online classes are as effective as face to face teaching?

Total 91.9% of students opine that they think online classes are effective as face to face instruction whereas 8.1% of students do not think it (Online classes) effective as face to face instruction.

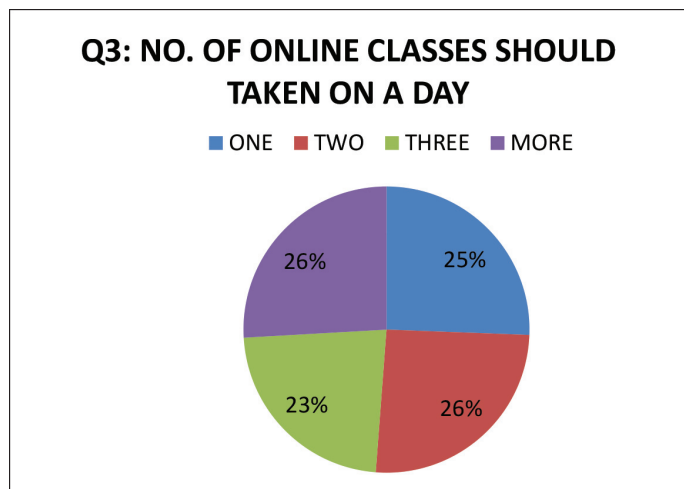
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	91.9%
NOT EFFECTIVE	8.1%



3. How many classes should be taken in a day or in a week for online classes?

25.6% of students think that only two classes should be taken in a week, 22.9% of students think that only three classes should be taken in a week and 25.9% think that more than three classes should be taken in a week but only 25.6% of students think that only one class should be taken per week.

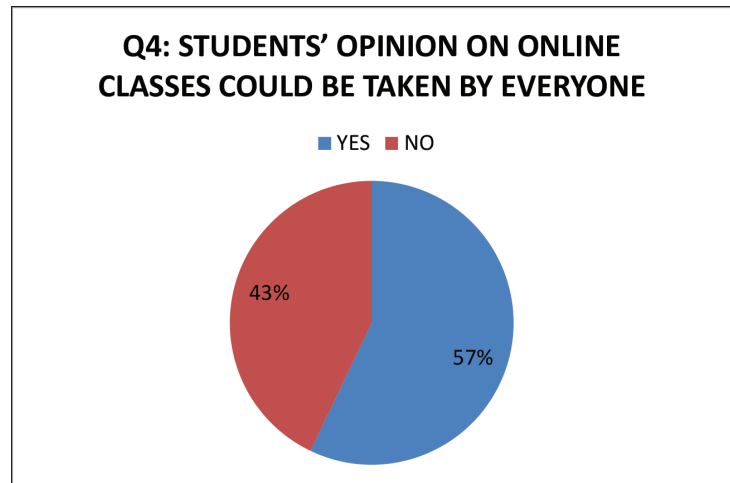
Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	25.60%
TWO	25.60%
THREE	22.90%
MORE	25.90%



4. Do you think that online classes could be taken by everyone?

Total 42.9% of students are giving their opinion that they think online classes can't be taken by everyone whereas 57.1% of students are thinking that everyone should take the online classes.

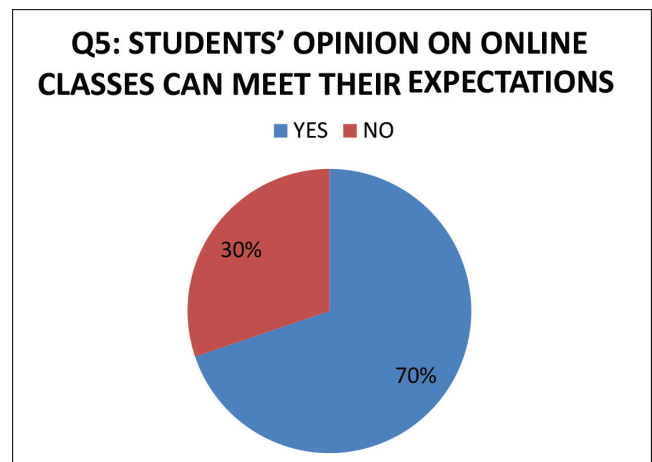
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	57.10%
NO	42.90%



5. Do you think that online classes can meet their expectations?

Total 30.2% of students opine that they don't think that online classes can meet their expectation whereas 69.8% opine that online classes will meet their expectation.

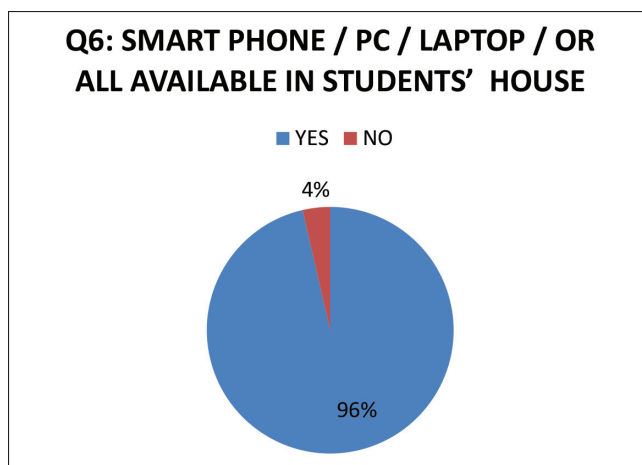
Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	69.80%
NO	30.20%



6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 96.4% of students can avail Smart phone / PC/ Laptop for online classes but 3.6% can't avail those.

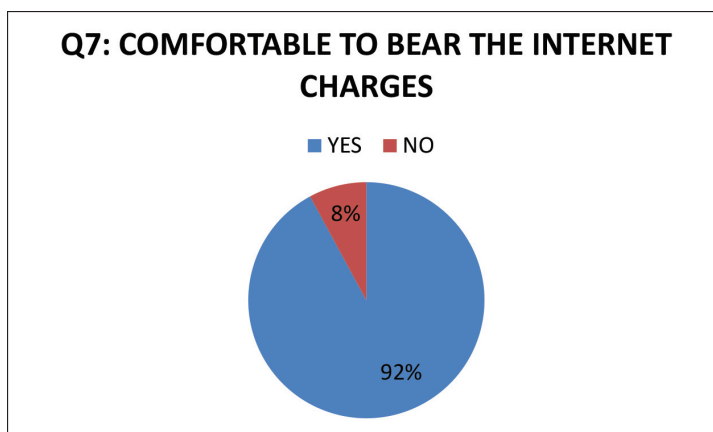
Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	96.40%
NO	3.60%



7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 92.1% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 7.9% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	92.10%
NO	7.90%



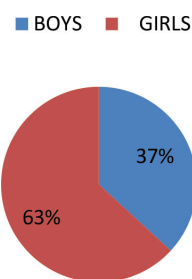
DIET UTTAR DINAJPUR

In DIET Uttar Dinajpur, the total number of responding trainees is 76, among which 28 are boys and 48 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Uttar Dinajpur

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	28 (36.85%)
GIRLS	48 (63.15%)
TOTAL	76 (100%)

**NO. OF RESPONDED D.EL. ED STUDENTS
(SESSION:2019-21)**

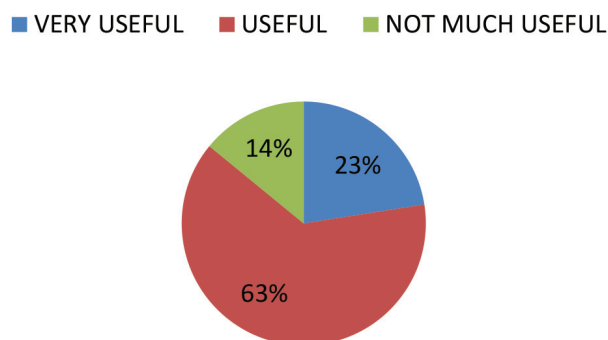


1. Do you think that online classes will be useful for your future application?

Total 63.1% of students are thinking that online classes will be useful to them and 22.9% students are thinking that it will be very useful to them whereas 14% students are thinking that it will not be much useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	22.90%
USEFUL	63.10%
NOT MUCH USEFUL	14.00%

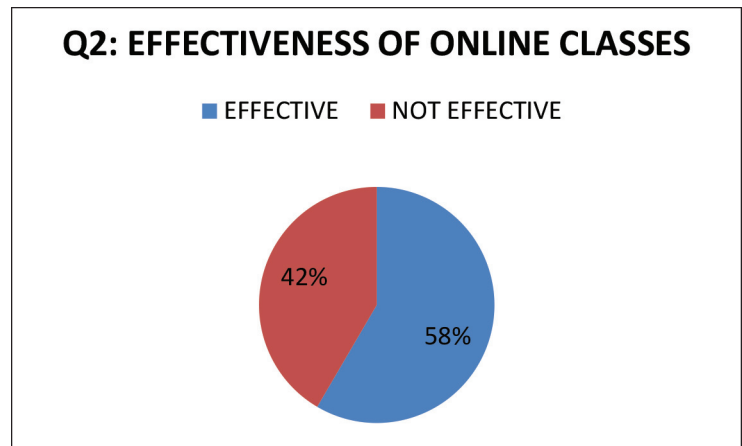
Q1: USEFULNESS OF ONLINE CLASSES



2. Do you think online classes are as effective as face to face teaching?

Total 58.44% of students opine that they think online classes are effective as face to face instruction whereas 41.56% of students do not think it (Online classes) effective as face to face instruction.

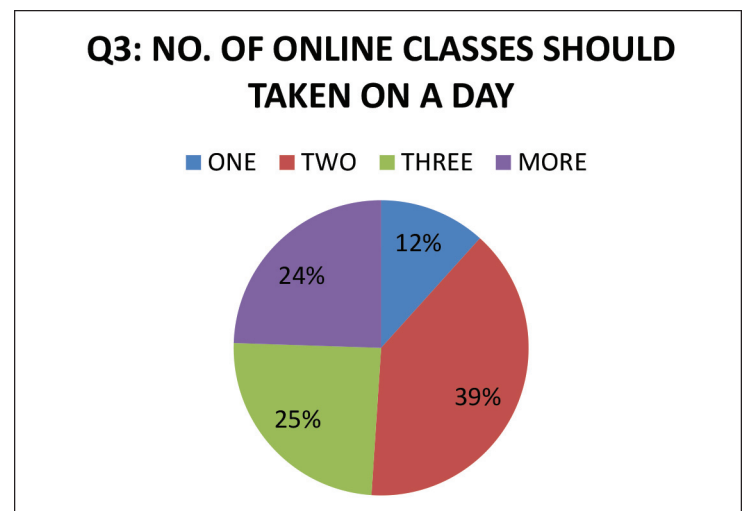
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	58.44%
NOT EFFECTIVE	41.56%



3. How many classes should be taken in a day or in a week for online classes?

39.4% of students think that only two classes should be taken in a week, 24.5% of students think that only three classes should be taken in a week and 24.4% think that more than three classes should be taken in a week but only 11.7% of students think that only one class should be taken per week.

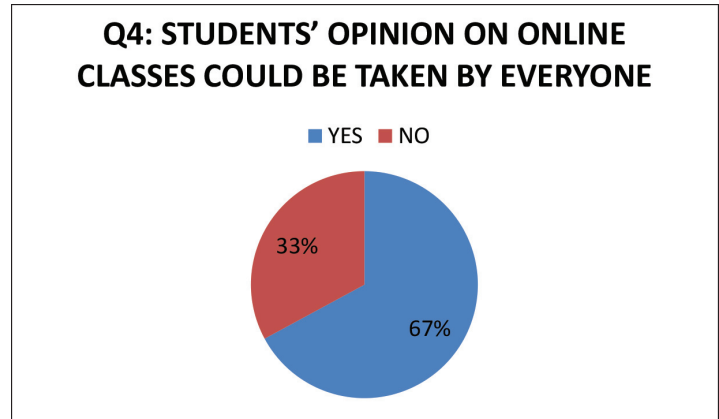
Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	11.70%
TWO	39.40%
THREE	24.50%
MORE	24.40%



4. Do you think that online classes could be taken by everyone?

Total 32.89% of students are giving their opinion that they think online classes can't be taken by everyone whereas 67.11% of students are thinking that everyone should take the online classes.

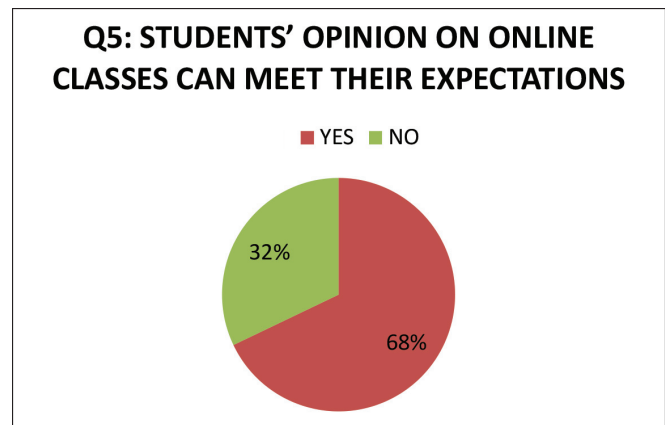
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	67.11%
NO	32.89%



5. Do you think that online classes can meet their expectations?

Total 32.1% of students opine that they don't think that online classes can meet their expectation whereas 67.9% opine that online classes will meet their expectation.

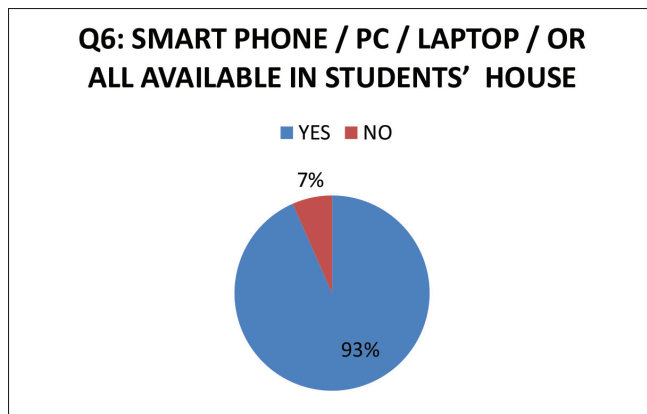
Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	67.90%
NO	32.10%



6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 93.4% of students can avail Smart phone / PC/ Laptop for online classes but 6.6% can't avail those.

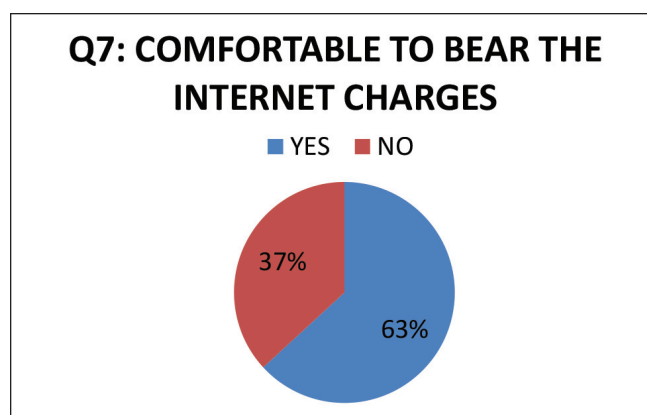
Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	93.40%
NO	6.60%



7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 63.15% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 36.85% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	63.15%
NO	36.85%



8. Overall opinion about the online programme?

Analysing Q8 of the questionnaire, we have seen that most of the trainees are satisfied with the online classes during **COVID-19** situation. Some of the trainees opine that face to face classes are more effective than online classes.

DIET DAKSHIN DINAJPUR

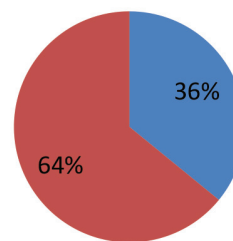
In DIET Dakshin Dinajpur, the total number of responding trainees is 39, among which 14 are boys and 25 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Dakshin Dinajpur

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	14 (35.89%)
GIRLS	25 (64.11%)
TOTAL	39 (100%)

**NO. OF RESPONDED D.EL. ED STUDENTS
(SESSION:2019-21)**

■ BOYS ■ GIRLS



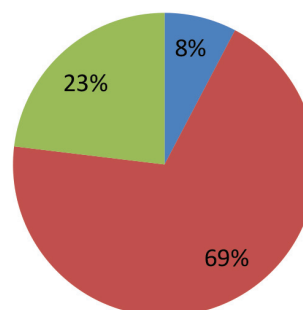
1. Do you think that online classes will be useful for your future application?

Total 69.2% of students are thinking that online classes will be useful to them and 7.7% students are thinking that it will be very useful to them whereas 23.1% students are thinking that it will not be much useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	7.70%
USEFUL	69.20%
NOT MUCH USEFUL	23.10%

Q1: USEFULNESS OF ONLINE CLASSES

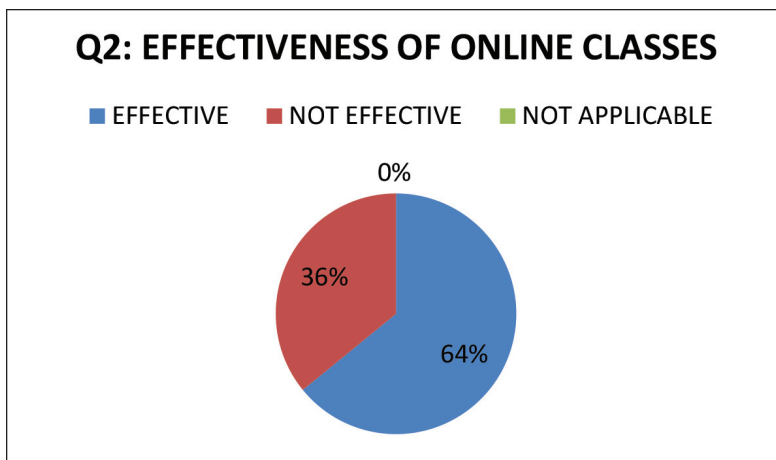
■ VERY USEFUL ■ USEFUL ■ NOT MUCH USEFUL



2. Do you think online classes are as effective as face to face instruction?

Total 64.1% of students opine that they think online classes are effective as face to face instruction whereas 35.9% of students do not think it (Online classes) effective as face to face instruction.

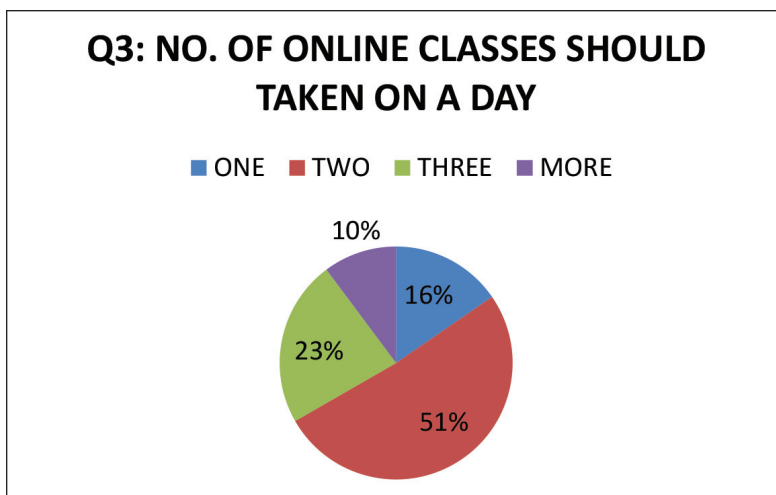
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	64.10%
NOT EFFECTIVE	35.90%
NOT APPLICABLE	0.00%



3. How many classes should be taken in a day or in a week for online classes?

51.3% of students think that only two classes should be taken in a week, 23.1% of students think that only three classes should be taken in a week and 10.1% think that more than three classes should be taken in a week but only 15.5% of students think that only one class should be taken per week.

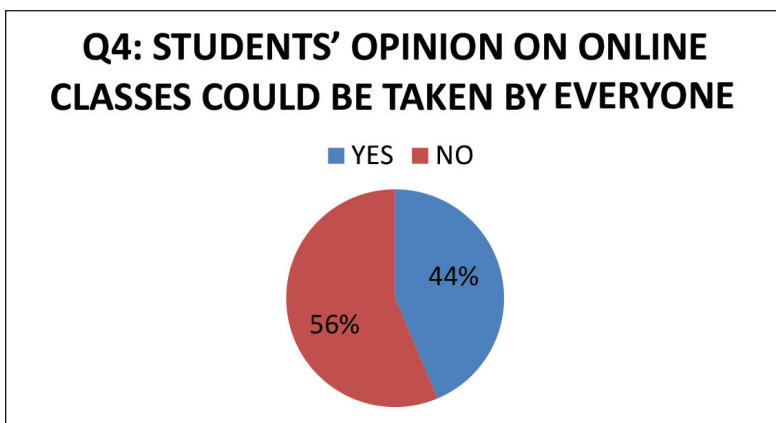
Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	15.50%
TWO	51.30%
THREE	23.10%
MORE	10.10%



4. Do you think that online classes could be taken by everyone?

Total 56.4% of students are giving their opinion that they think online classes can't be taken by everyone whereas 43.6% of students are thinking that everyone should take the online classes.

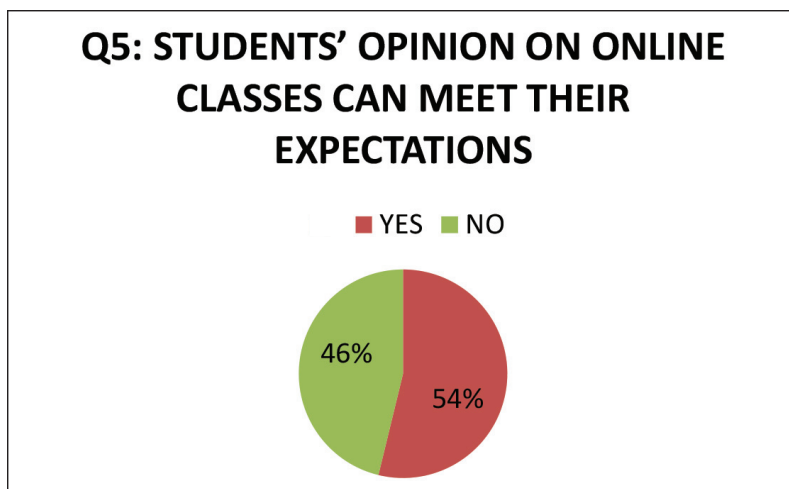
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	43.60%
NO	56.40%



5. Do you think that online classes can meet your expectations?

Total 46.2% of students opine that they don't think that online classes can meet their expectation whereas 53.8% opine that online classes will meet their expectation.

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	53.80%
NO	46.20%



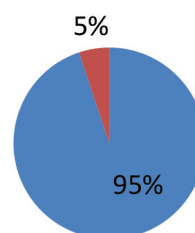
6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 94.9% of students can avail Smart phone / PC/ Laptop for online classes but 5.1% can't avail those.

Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	94.90%
NO	5.10%

**Q6: SMART PHONE / PC / LAPTOP / OR
ALL AVAILABLE IN STUDENTS' HOUSE
TOTAL**

■ YES ■ NO



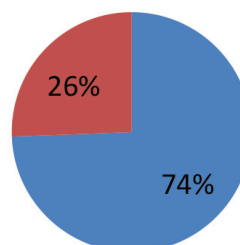
7. Are you comfortable to expense the charges of internet usage for accessing Online Class?

Total 74.4% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 25.6% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	74.40%
NO	25.60%

**Q7: COMFORTABLE TO BEAR THE
INTERNET CHARGES**

■ YES ■ NO



DIET MALDA 2ND CAMPUS

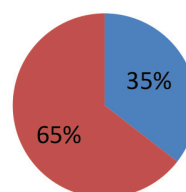
In DIET Malda 2nd Campus, the total number of responding trainees is 31, among which 11 are boys and 20 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

**Table 1 : Sample Data at DIET
Malda 2nd Campus**

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	11 (35.48%)
GIRLS	20 (64.52%)
TOTAL	31 (100%)

**NO. OF RESPONDED D.EL. ED STUDENTS
(SESSION:2019-21)**

■ BOYS ■ GIRLS



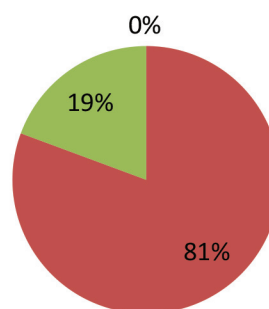
1. Do you think that online classes will be useful for your future application?

Total 80.65% of students are thinking that online classes will be useful to them whereas 19.35% students are thinking that it will not be much useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	0.00%
USEFUL	80.65%
NOT MUCH USEFUL	19.35%

Q1: USEFULNESS OF ONLINE CLASSES

■ VERY USEFUL ■ USEFUL ■ NOT MUCH USEFUL



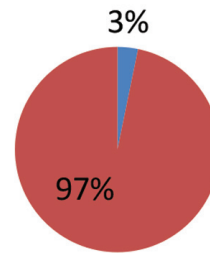
2. Do you think online classes are as effective as face to face teaching?

Total 3.23% of students opine that they think online classes are effective as face to face instruction whereas 96.77% of students do not think it (Online classes) effective as face to face instruction.

Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	3.23%
NOT EFFECTIVE	96.77%

Q2: EFFECTIVENESS OF ONLINE CLASSES

■ EFFECTIVE ■ NOT EFFECTIVE



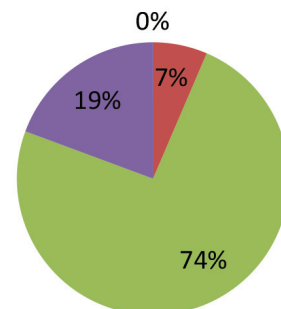
3. How many classes should be taken in a day or in a week for online classes?

6.55% of students think that only two classes should be taken in a week, 74.1% of students think that only three classes should be taken in a week and 19.35% think that more than three classes should be taken in a week but no students think that only one class should be taken per week.

Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	0%
TWO	6.55%
THREE	74.10%
MORE	19.35%

Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY

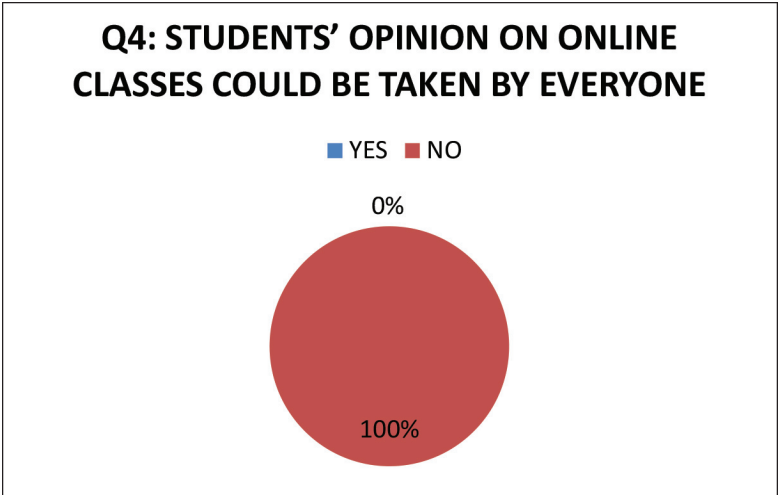
■ ONE ■ TWO ■ THREE ■ MORE



4. Do you think that online classes could be taken by everyone?

Total 100% of students are giving their opinion that they think online classes can't be taken by everyone whereas no students are thinking that everyone should take the online classes.

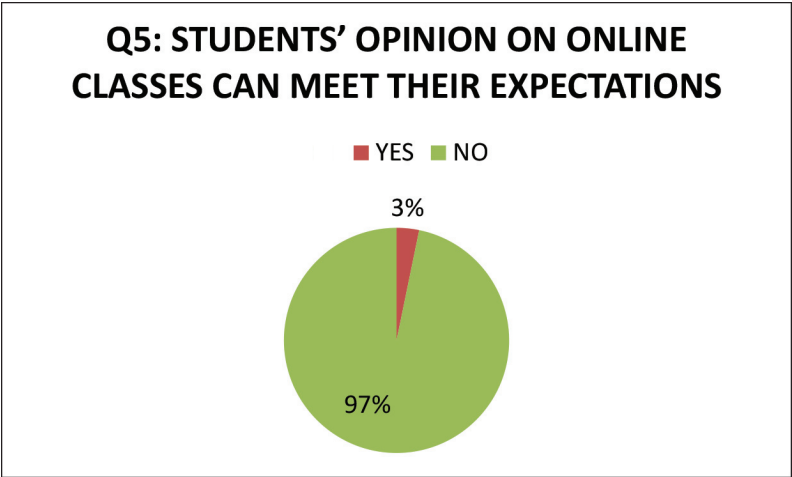
Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	0.00%
NO	100%



5. Do you think that online classes can meet their expectations?

Total 96.77% of students opine that they don't think that online classes can meet their expectation whereas 3.23% opine that online classes will meet their expectation.

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	3.23%
NO	96.77%

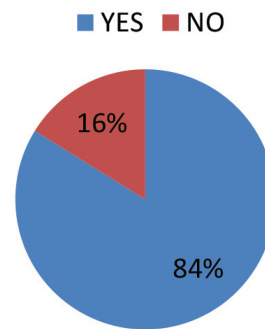


6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 83.77% of students can avail Smart phone / PC/ Laptop for online classes but 16.23% can't avail those.

Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	83.77%
NO	16.23%

**Q6: SMART PHONE / PC / LAPTOP / OR
ALL AVAILABLE IN STUDENTS' HOUSE**

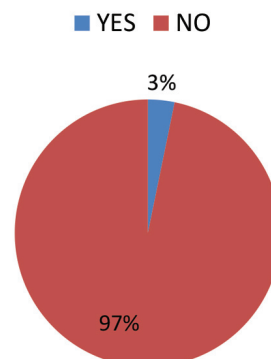


7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 3.33% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 96.77% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	3.33%
NO	96.77%

**Q7: COMFORTABLE TO BEAR THE INTERNET
CHARGES**



1. Overall opinion :

Here, we get eight categories :

- | | |
|---------------------------------------|----------|
| 1) Do not want to bear Net charges | : 35.48% |
| 2) Poor NET Connection | : 29.03% |
| 3) There are no Smart Phones | : 3.23% |
| 4) Good but high expenditure | : 3.23% |
| 5) Face to face is better than online | : 12.90% |
| 6) Long time class not be allowed | : 6.45% |
| 7) Fully accepted | : 3.23% |
| 8) Fully rejected | : 6.45% |

I. Important findings with graphical representation:

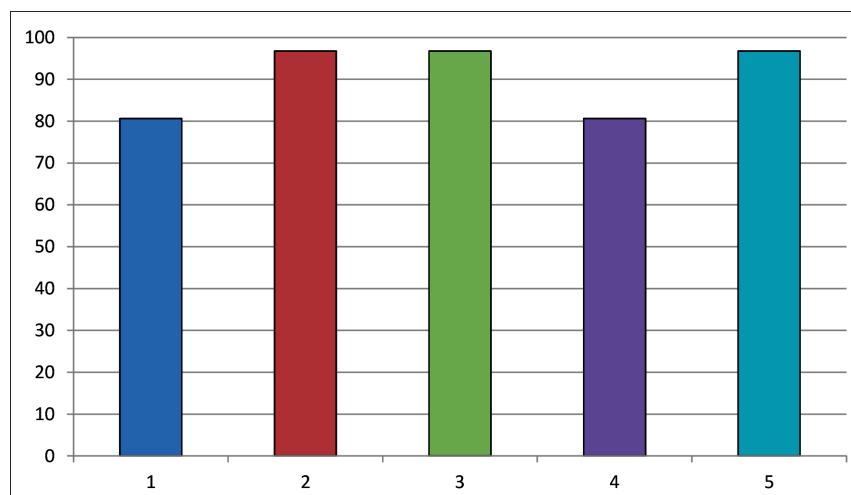
- | | |
|---|----------|
| 1. Online class is very useful | : 80.65% |
| 2. Not effective as face to face method | : 96.77% |
| 3. Online class cannot meet with expectation | : 96.77% |
| 4. Availability of smart phone | : 80.65% |
| 5. Do not want to expend internet usage charge for online class | : 96.77% |

II. Confusions:

1. We see that 80.65% students use smart phone & 80.65% students believe the usefulness of online classes in future applications. In spite of the fact 96.77% students do not bear to expend NET charge for online classes.
2. 96.77% students believe that online class be not effective as face to face instruction. Again, only 12.40% students give their opinion that face to face is better than online class.

III. Our Concerns based on data:

1. Online class be effective only when there be no scope of face to face instruction.
2. Govt. should take initiation for providing high internet usage connection before the starting of online class.
3. There should be another option for those students who do not use smart phone for economic issue.
4. Parents/Teachers/Govt. should try to motivate the students so that they can use at least a small part of whole NET for learning purpose.



DIET MURSHIDABAD 2ND CAMPUS

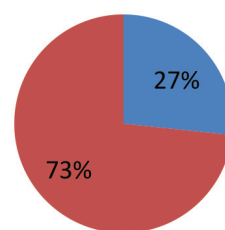
In DIET Murshidabad 2nd Campus, the total number of responding trainees is 30, among which 08 are boys and 22 are girls. The survey has been conducted with the help of Google Forms. The questionnaires were put on Google Form and send it to all 2nd year students for the session 2019-21. They filled it and returned to the corresponding DIET through e-mail. SCERT(WB) integrated all the data in Excel Sheet and analysed the same.

Table 1 : Sample Data at DIET Murshidabad 2nd Campus

DETAILS OF SAMPLE	
CATEGORY	NO. OF D.EL. ED STUDENTS (SESSION:2019-21)
BOYS	08 (26.66%)
GIRLS	22 (73.34%)
TOTAL	30 (100%)

**NO. OF RESPONDED D.EL. ED STUDENTS
(SESSION:2019-21)**

■ BOYS ■ GIRLS



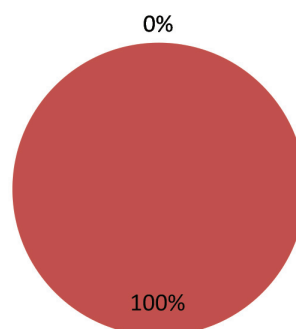
1. Do you think that online classes will be useful for your future application?

Total 100% of students are thinking that online classes will be useful to them.

Q1: USEFULNESS OF ONLINE CLASSES	TOTAL
VERY USEFUL	0.00%
USEFUL	100%
NOT MUCH USEFUL	0.00%

Q1: USEFULNESS OF ONLINE CLASSES

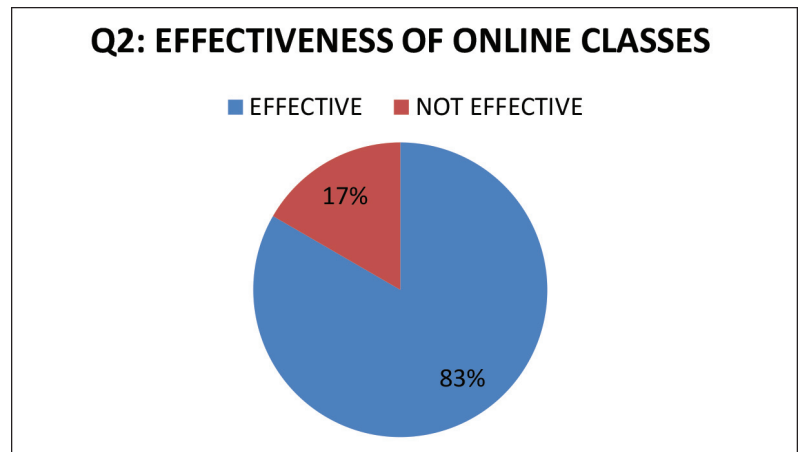
■ VERY USEFUL ■ USEFUL ■ NOT MUCH USEFUL



2. Do you think online classes are as effective as face to face teaching?

Total 83.33% of students opine that they think online classes are effective as face to face instruction whereas 16.67% of students do not think it (Online classes) effective as face to face instruction.

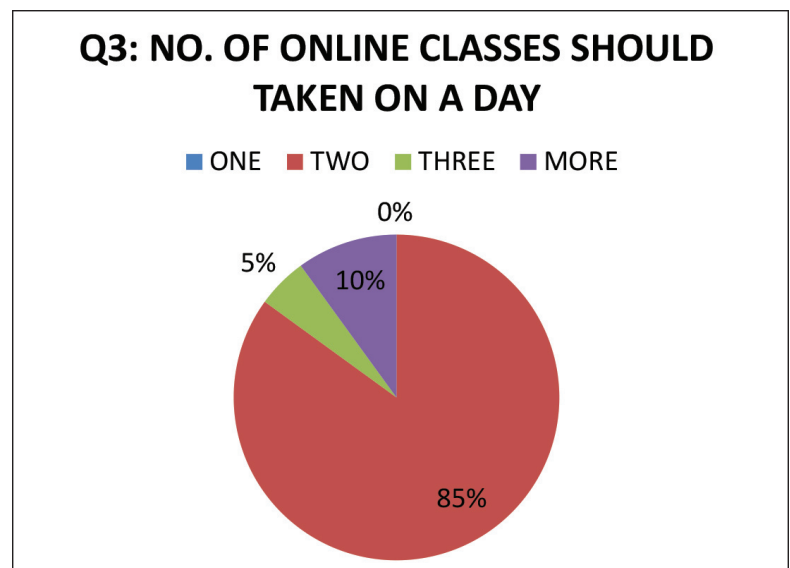
Q2: EFFECTIVENESS OF ONLINE CLASSES	TOTAL
EFFECTIVE	83.33%
NOT EFFECTIVE	16.66%



3. How many classes should be taken in a day or in a week for online classes?

85% of students think that only two classes should be taken in a week, 5% of students think that only three classes should be taken in a week and 10% think that more than three classes should be taken in a week but no students think that only one class should be taken per week.

Q3: NO. OF ONLINE CLASSES SHOULD TAKEN ON A DAY	TOTAL
ONE	0%
TWO	85.00%
THREE	5.00%
MORE	10.00%

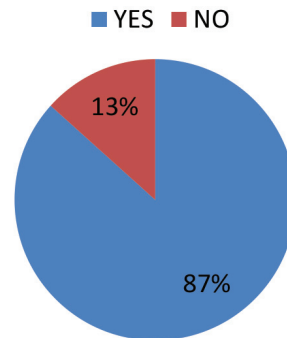


4. Do you think that online classes could be taken by everyone?

Total 13.33% of students are giving their opinion that they think online classes can't be taken by everyone whereas 86.67% students are thinking that everyone should take the online classes.

Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE	TOTAL
YES	86.67%
NO	13.33%

Q4: STUDENTS' OPINION ON ONLINE CLASSES COULD BE TAKEN BY EVERYONE

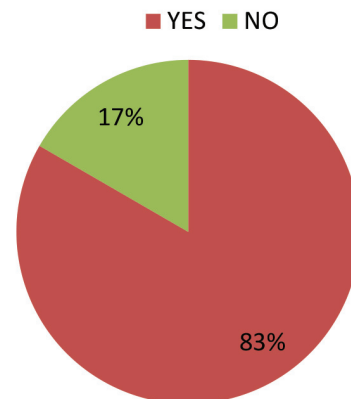


5. Do you think that online classes can meet their expectations?

Total 16.67% of students opine that they don't think that online classes can meet their expectation whereas 83.33% opine that online classes will meet their expectation.

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS	TOTAL
YES	83.33%
NO	16.67%

Q5: STUDENTS' OPINION ON ONLINE CLASSES CAN MEET THEIR EXPECTATIONS

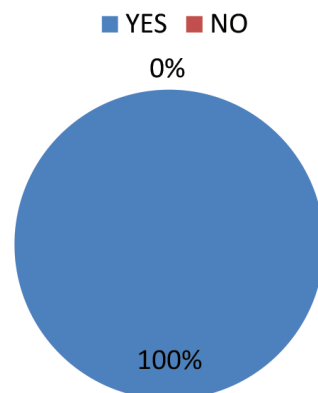


6. Is any Smart Phone/PC/Laptop/or all available in your house for attending online classes?

Total 100% of students can avail Smart phone / PC/ Laptop for online classes.

Q6: SMART PHONE / PC / LAPTOP / OR ALL AVAILABLE IN STUDENTS' HOUSE	TOTAL
YES	100%
NO	0%

**Q6: SMART PHONE / PC / LAPTOP / OR
ALL AVAILABLE IN STUDENTS' HOUSE**

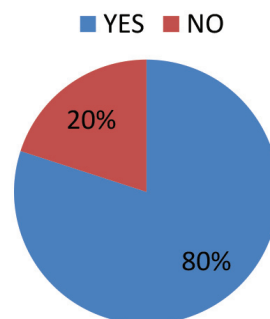


7. Are you comfortable to bear the Internet charges for participating into online classes?

Total 80% of students are comfortable to expense the charges of internet usage for accessing online classes, whereas 20% can't bear the expanses of the charges of internet usage for accessing online classes.

Q7: COMFORTABLE TO BEAR THE INTERNET CHARGES	TOTAL
YES	80%
NO	20%

**Q7: COMFORTABLE TO BEAR THE INTERNET
CHARGES**



SUGGESTIONS

The following are the suggestions in the light of the study findings:

- 1. The state may provide logistic support to the students who are unable to attend class through online mode during pandemic situation.*
- 2. The state may organise teacher training programmes for the benefit of teachers on the methodology for conducting online class so that all teachers can deliver appropriately by optional usage of technology.*
- 3. Since online teaching is not the replacement of the face to face mode of teaching so right after situation becomes admissible, the usual process for teaching learning of D.El.Ed classes should be brought back in place.*
- 4. The state may undertake the appropriate pedagogical use of relevant ICT in conducting online class so that the students learn in an effective manner.*

WAY FORWARD

From the students feedback it is clear that majority of them are willing to participate in the online classes due to the present situation caused by the pandemic. But before initiation of online teaching it must be assured that every student must be able to access this facility within the means of their socioeconomic conditions. Also from the students' view it is clear that the online teaching is yet not as effective as face to face teaching. So it may be seen that although online mode can be employed as an interim arrangement for D.El.Ed trainees, the face-to-face transaction mode must be resorted to with due, prescribed precautions, as soon as that will be feasible. Both students and teachers must possess a minimum level of knowledge of computer usage and expertise to handle a smart phone. Facilitators should be properly trained in using technology for delivering their lessons.

ANNEXURE
FEEDBACK FORM FOR ONLINE CLASS
(FOR THE STUDENTS)

District: _____

Name of the Institute : _____

1. **Do you think that online classes will be useful for your future application?**
(Put a tick in appropriate number)
(a) very useful ☐ (b) useful ☐ (c) not much useful ☐
2. **Do you think Online classes as effective as face to face instruction?**
(Put a tick in appropriate number)
(a) Effective ☐ (b) Not Effective ☐
3. **How many classes should be taken in a day or in a week for online classes?**
(Put a tick in appropriate number)
(a) One ☐ (b) Two ☐ (c) Three ☐ (d) More ☐
4. **Do you think that online classes can be taken by everyone?**
(Put a tick in appropriate number)
(a) Yes ☐ (b) No ☐
5. **Do you think that online classes can meet your expectation?**
(Put a tick in appropriate number)
(a) Yes ☐ (b) No ☐
6. **Is any Smart Phone/PC/Laptop/or all available in your house for attending Online Class?**
(Put a tick in appropriate number)
(a) Yes ☐ (b) No ☐
7. **Are you comfortable to expense the charges of internet usage for accessing Online Class?**
(Put a tick in appropriate number)
(a) Yes ☐ (b) No ☐
8. **Overall opinion about the online programme**

Name of the Student & Year : _____

Ph. No. : _____

e-mail & address :

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