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Pedagogical shift in higher education during COVID-19 : a case study of Abohar

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Conference Theme Track-2

Creating Bridging the Gaps : Ethical Foundation of Online Teaching and Learning Pedagogies

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Pedagogical Shift in Higher Education during COVID-19

a Case Study of Abohar

Introduction

Due to COVID 19 pandemic the Indian shutdown was sudden and abrupt as no one was ready for such event. All the centers of learning were to be closed. The MHRD, UGC (University Grants Commission) and Indian Universities forced all educational institutions to adopt Online teaching. The present paper is a micro study to trace the pedagogical shift during COVID-19 with special reference the impact on the higher education in Abohar (a semi urban place in Punjab, India), council in Fazilka district of Punjab with total population 2,11,645 comprising 1,45,302 urban and 66,243 rural (Census 2011).

Objectives

Once the Noble Prize Winner for literature Samuel Beckett (1957) was asked to explain the meaning of his play Endgame, he answered in a calm note if people want to have headache among the overtones, let them. And provide them their own aspirin.

Present Piece of Research Seeks :

- ❖ to investigate effects of significant event on teaching and learning
- ❖ to trace the microscopic effect of COVID-19 on the higher education
- ❖ to carry out surveys to bring out the action and reaction and problems and solutions in teaching -learning paradigm in such unpredictable situation

Research Plan

There are 8 UG and PG Colleges, 10 Professional and Training institutes which cater the educational needs of almost 12,500 registered students and 535 teachers. The purpose of present study was to elucidate the effect of COVID-19 on the pedagogy in higher education with special reference to Abohar on the basis of a survey conducted online. In this paper the pedagogical shift during COVID-19 and its effect on the teaching and learning community with particular reference to Abohar has been traced. Whether college from home benefitted the student? In order to interpret the success of online teaching during COVID-19, two questionnaire structured Google Forms were created.

Methodology

In order to interpret the success of online teaching in the said area during COVID-19, two questionnaire structured Google Forms were created to take the feedback from the teachers and the taught:

- ❖ <https://forms.gle/3G5HJz5PfkypDdZ7>
- ❖ <https://forms.gle/W7oi1ms2LEXzMJRN9>

On the basis of the survey following data has been extracted and presented with the help of different graphs. Here is the analysis of the study, questions and their response is recorded with study:

About the Study

To understand the impact on teacher and taught the whole piece of study has been divided in two parts:

- 1. How the teaching community undergoes during COVID -19?**
- 2. How the students responded to the emerged pedagogical shift?**

On the basis of the survey following data has been extracted and presented with the help of different graphs. Here is the analysis of the study, questions and their response is recorded with study:

Data Analysis of Teachers (Part-1)

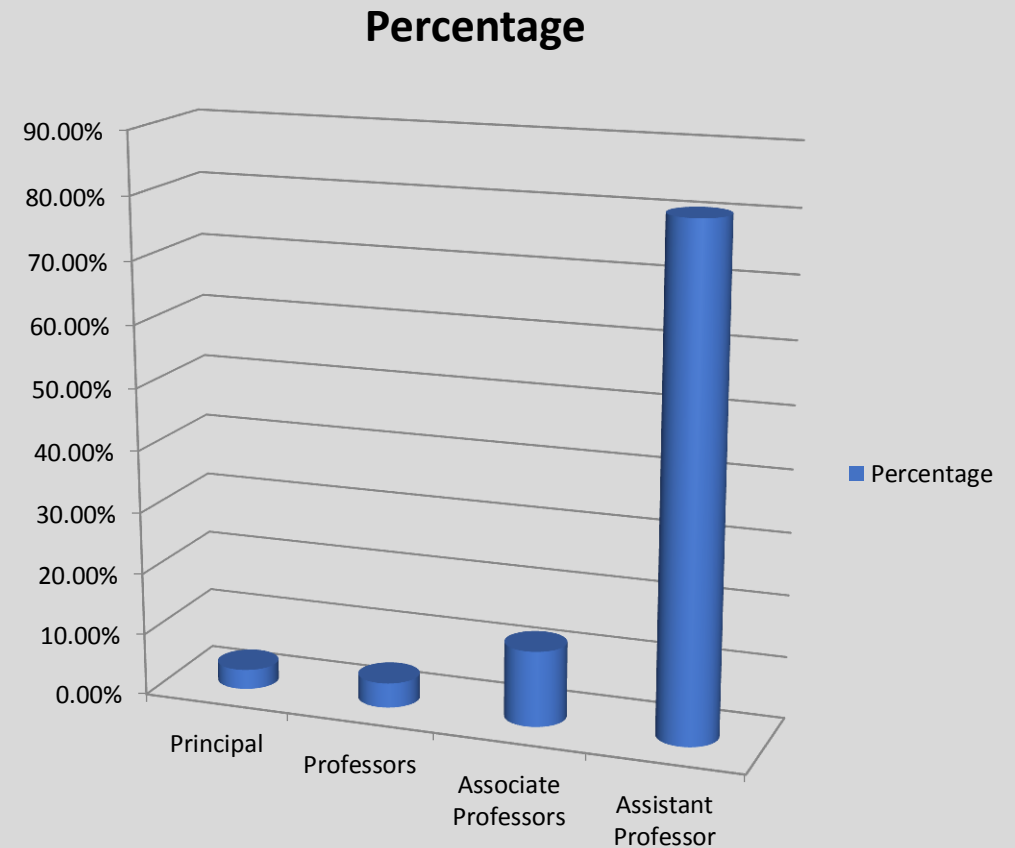
Total Respondents= 132

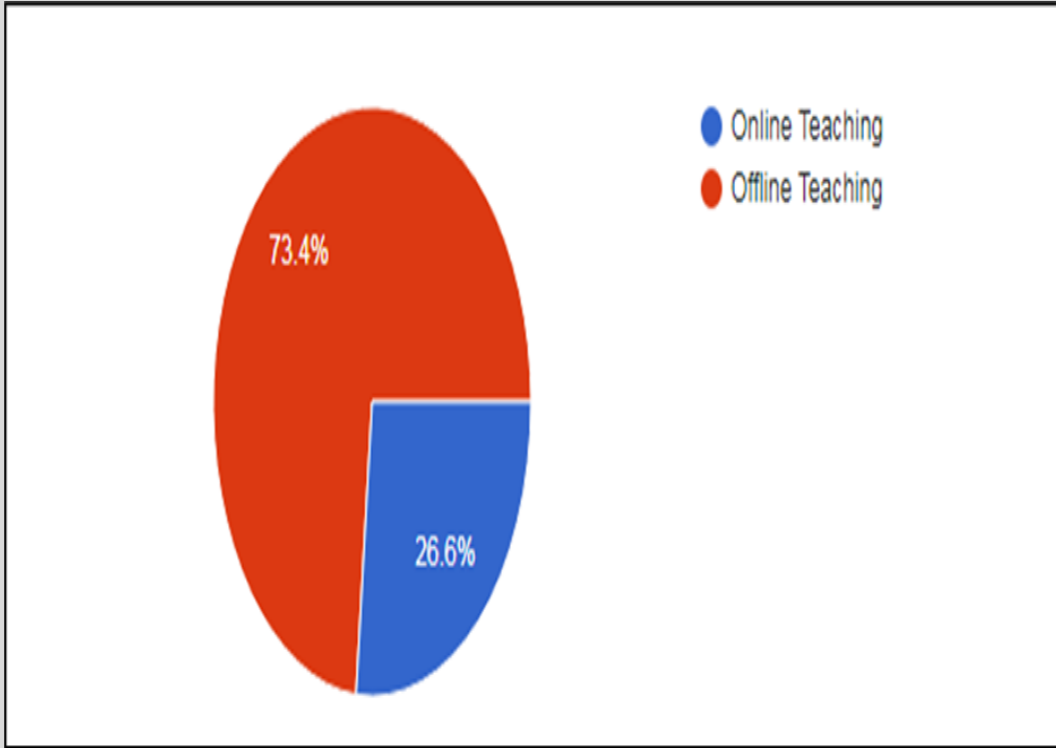
80.6% Assistant Professors,

12.2% Associate Professors

4% Professors and

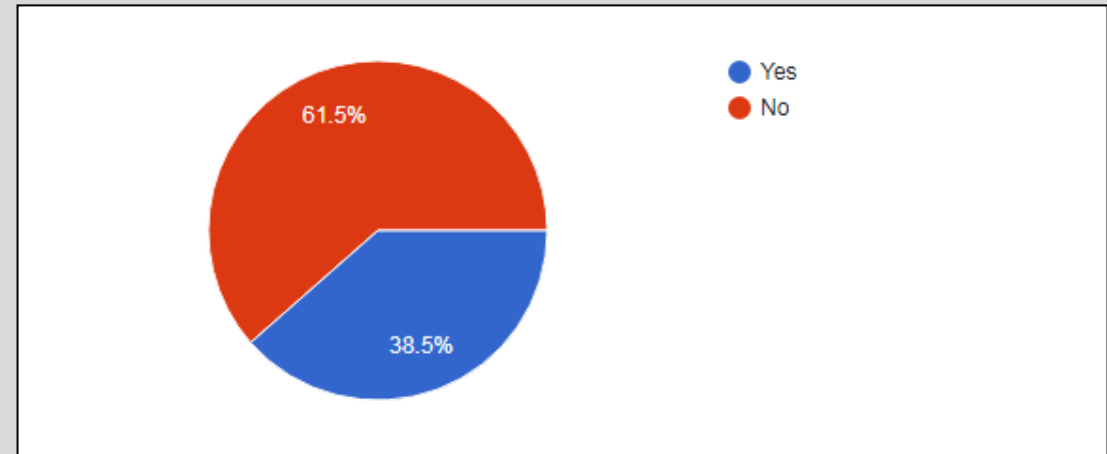
3.2% Principals participated in the questionnaire.





Classroom teaching is the most preferred proportion as 73.4% teachers preferred online teaching while 26.6% are more comfortable with online teaching.

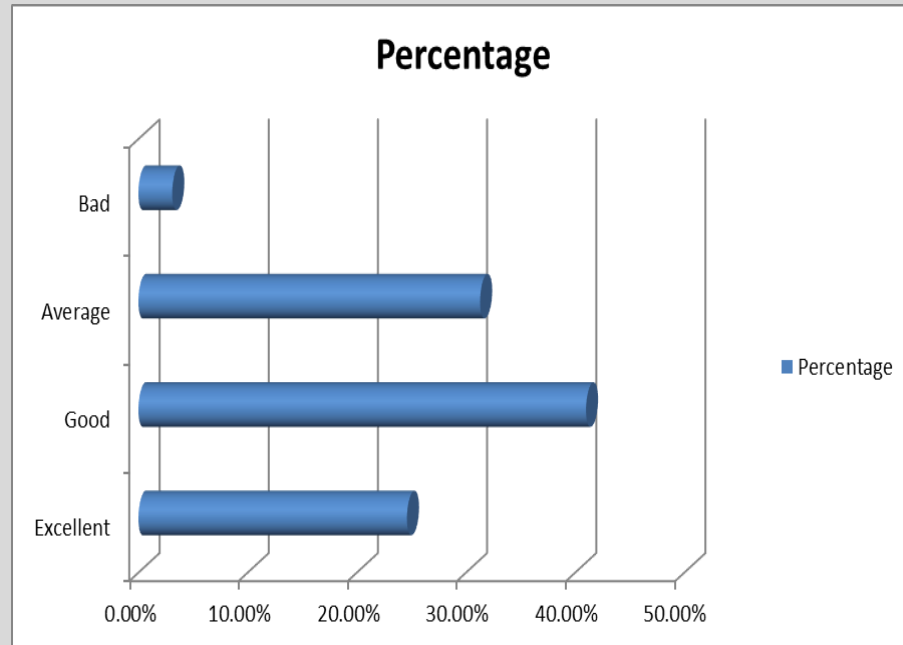
Have all students participated in online classes?



Most of the teachers consider that all students participated through online teaching while less of the teachers think, not all students were involved in online teaching. The proportion here is of 61.5% agreeing to the participation of all students in online teaching and the rest of the 38.5% disagreeing with the same

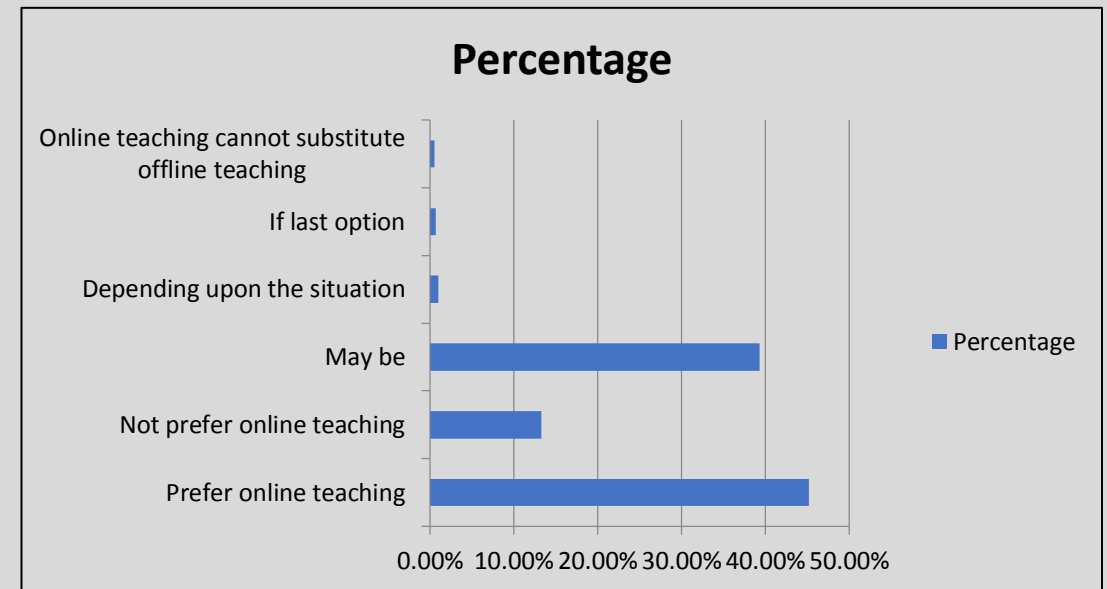
Educator's Feedback

How you Overall Rate your Teaching Experience Using Online Modes?



41.1% teachers found it good, 31.3% teachers found it average, 24.6 found it excellent and rest 3.1% teacher rated their experience bad.

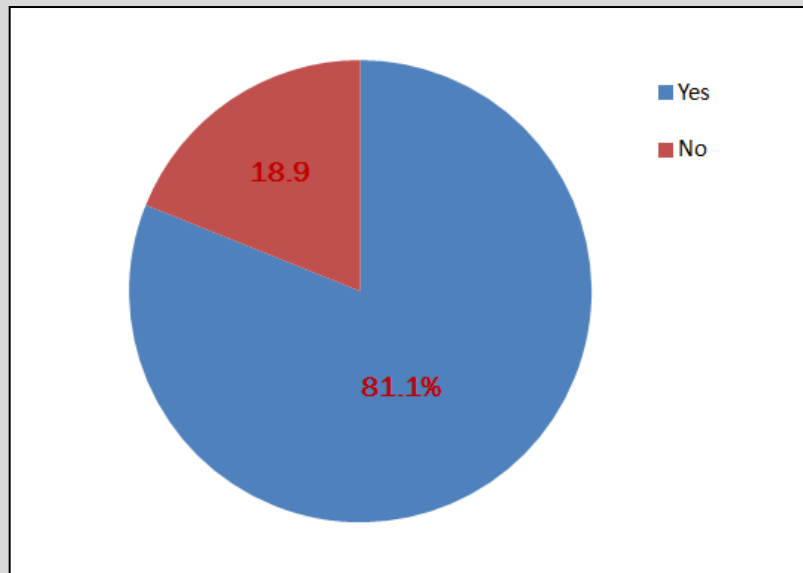
Will you Prefer Online Teaching in the Future?



45.2% teachers agreed to prefer online teaching in future, 13.3% completely disagreed and 39.3 may or may not go for the same while rest of the 2.2% took it as the last option and were of the opinion that online teaching cannot replace the offline teaching.

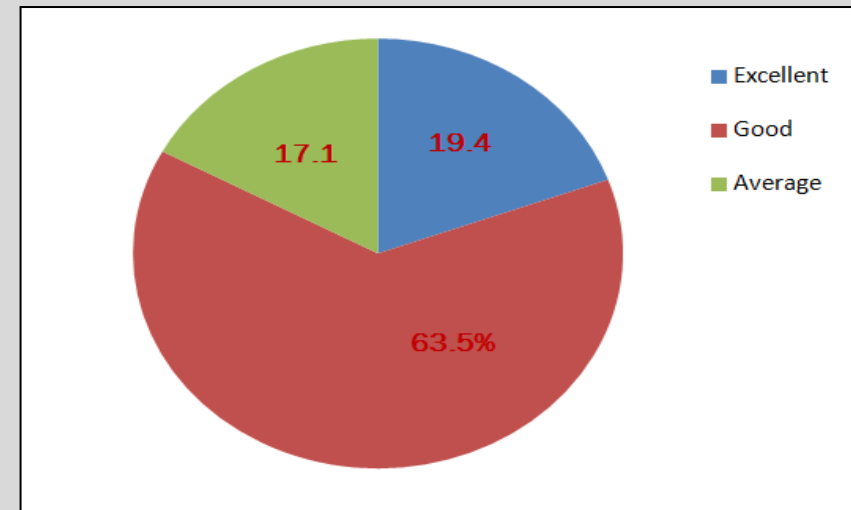
Students Response (Part-2)

Students Having Smart Phones



- ❖ 81.1% students have Smart Phones indicated by Red portion
- ❖ 18.9% students do not have Smart Phones shown with Blue portion.

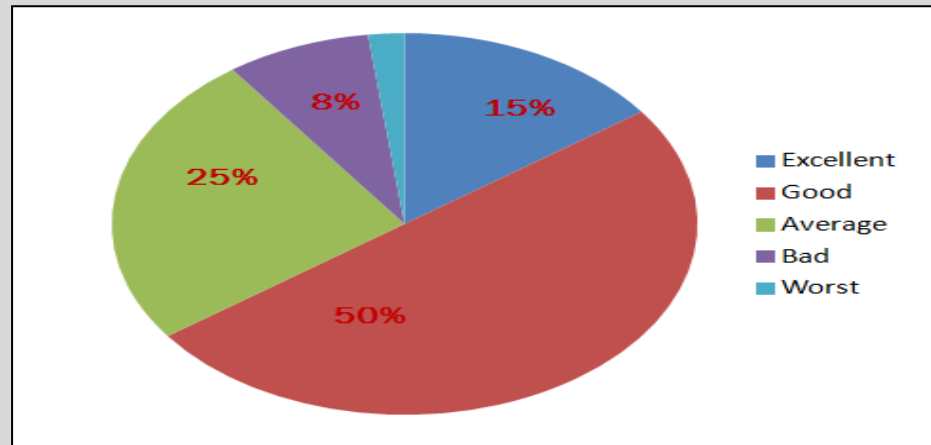
Quality of Network Connection



- ❖ 19.4% students do not faced any network issues and they found the network quality excellent
- ❖ 63.5% found it good and
- ❖ 17.1% found it average as they faced bit problems with the network.

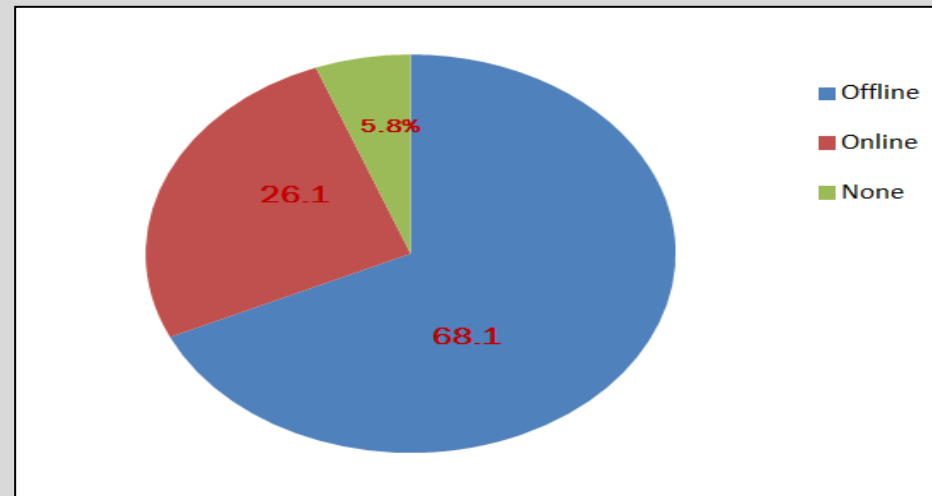
Students Technical and Teaching Feedback

Video, Sound Quality of Video, Audio Lecture



- ❖ 50% students found the quality of online means like video, audio lecture good
- ❖ 15% found it excellent(in the yellow colored portion), 25% found it good(in the pink colored portion),
- ❖ 8% found it bad(in the beige color portion) and 2% found it worst(indicated by grey portion)

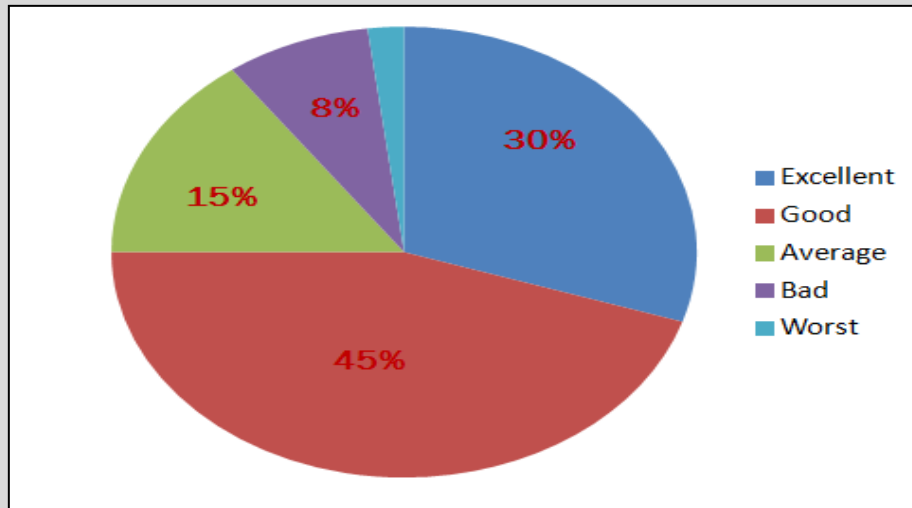
Teaching Method Students Liked



- ❖ 68.1% students who prefer offline teaching,
- ❖ 26.1% students like online teaching
- ❖ 5.8% like none of them.

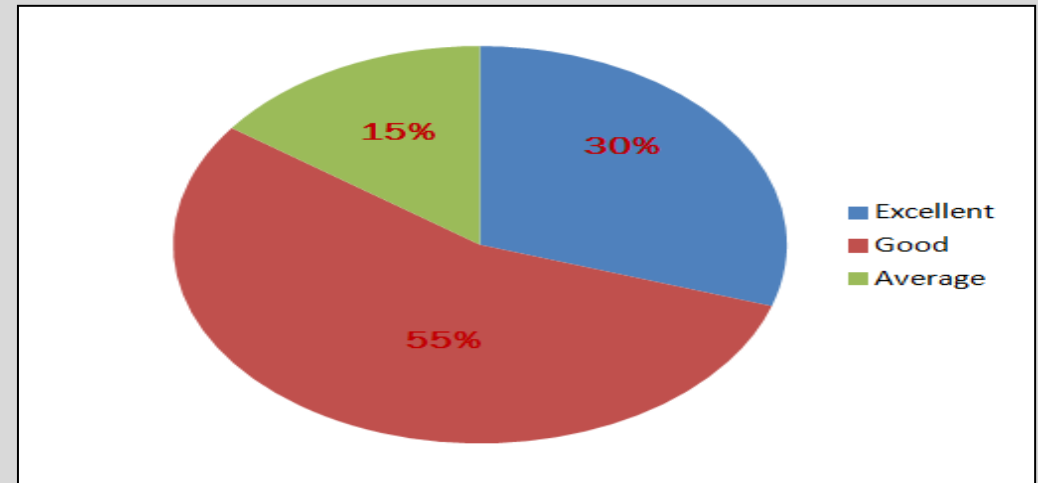
Students Feedback

Feedback on how Effectively Teachers Contacted with Student



- Effectively teachers contacted students,
- ❖ 45% found it good,
 - ❖ 30% found it Excellent,
 - ❖ 15% found it average, 8% found it bad and
 - ❖ 2% found it worst.

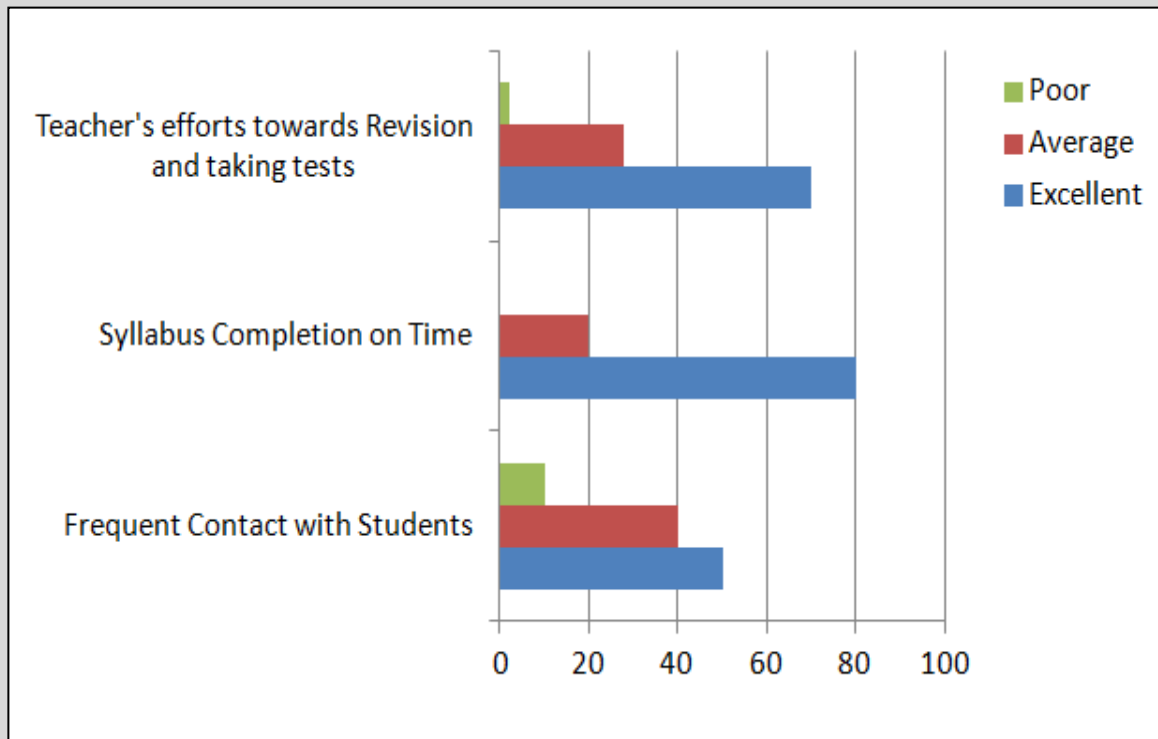
Dedication of Teachers to Teach Students during COVID-19



- ❖ 30% gave excellent rating to the teachers,
- ❖ 55% gave good rating to the teachers for their dedication towards teaching,
- ❖ 15% gave it average.

Rating of Teachers ...

Revision, Syllabus, Contact with Students



- ❖ 70% of the students gave Excellent rating to the teachers in understanding through video lectures, 25% gave it average and 5% found it poor
- ❖ 40% students gave excellent rating for understanding through audio lectures, 50% gave it average rating and 10% gave it poor rating
- ❖ 30% students gave excellent rating for understanding through PPTs, 55% gave it average rating and rest 15% gave it poor.
- ❖ 30% students found excellent learning through PDFs, 5% found it average and 10% found it bad and rest were unable to understand through notes only.

Conclusions and Findings

So far finding are concerned the above study reflects on the basis of Data Interpretation:

Maintaining and managing higher education ethics has always remained a challenging task everywhere during pandemic. A lot of changes have been observed in the pedagogy of teaching and learning in the colleges of Abohar. The teachers immediately shifted from traditional to virtual learning. COVID-19 offered opportunities to collaborate and share knowledge with the students online. But as interpreted data suggests that neither teachers and nor students were 100 % happy and satisfied due to various ecological, social, technical troubles. For the quantitative and qualitative growth of higher education the teaching community has to be trained through Workshops, Orientation courses and Refresher courses. Efforts to provide technical facilities and devices to the students of remote area should be done. It is the time to develop, create and generate understanding towards holistic blend of learning i.e. traditional classroom and online teaching.

THANK YOU

I would like to thank the organizing committee of the Globe Ethics International Conference for organizing digital conference and providing platform to grow global research. A word of thanks is due for all the teachers and students who took time to complete digital questionnaire.

STAY SAFE, STAY HEALTHY
STAY HOME, KEEP DISTANCING