

An International E-Conference on "Education and Global Prosperity"

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A Presentation on

Online Education Survey for DJMIT Students

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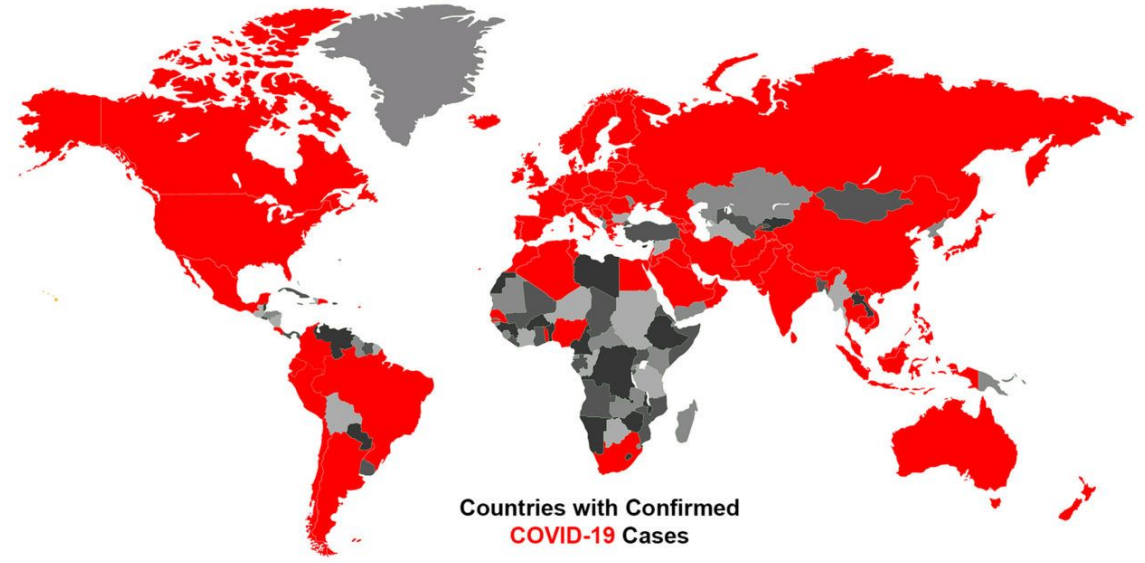
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E-LEARNING



Problem Description

- COVID-19 : a global pandemic
- COVID-19 pandemic worldwide lockdown
 - curfews
 - quarantines
 - similar restrictions
- New Era of Work : Working from home
- Introduce New Edge of Studying: Online education



Source: www.rtmagazine.com

Problem Definition

- How the quarantine has affected the education platforms?

Research Objectives:

- **Primary objective:**

To understand effect of the global pandemic on the sector of education.

- **Secondary objective:**

To analyse the adaptation of new teaching methodology among the young generation of India over the traditional teaching methods.

Research Methodology:

- Research Type : Quantitative Research
- Type of Study : Survey Research
- Type of Survey : Online Survey
- Survey Tool : Questionnaire
- Response Type : Rating
- Survey Platform : Google form

Section 1 of 3

Online Education Experience Survey for DJMIT Students


Form description

Email address *

Valid email address

This form is collecting email addresses. [Change settings](#)

Image title



Dr. Jivraj Mehta Institute of
Mogar, Anand

After section 1 Continue to next section

Section 3 of 3

Online Education Experience Survey

How the quarantine has affected the education platforms? Rate down your experiences as a student.
સંસર્ગનિષેધકાળે ભણતર મેંચને કઈ હંદે અસર કરી છે? એક વિદ્યાર્થી તરીકે તમારો સ્વાનુભવ ૧ થી ૫ ના માપ-મોરણમાં મૂલવો.

Responses time to my emails. (5 extremely efficient) *

મારા ઈ-મેલ (પ્રશ્ન)ના પ્રત્યુત્તરનો સમય

1 2 3 4 5

Worst (બહુ જ વધારે) Best (બહુ જ ઓછો)

Convenience in scheduling a meeting with the professors. (5 extremely convenient) *

પ્રોફેસર સાથેની મિટિંગની ગોઠવણની સગવડતા

1 2 3 4 5

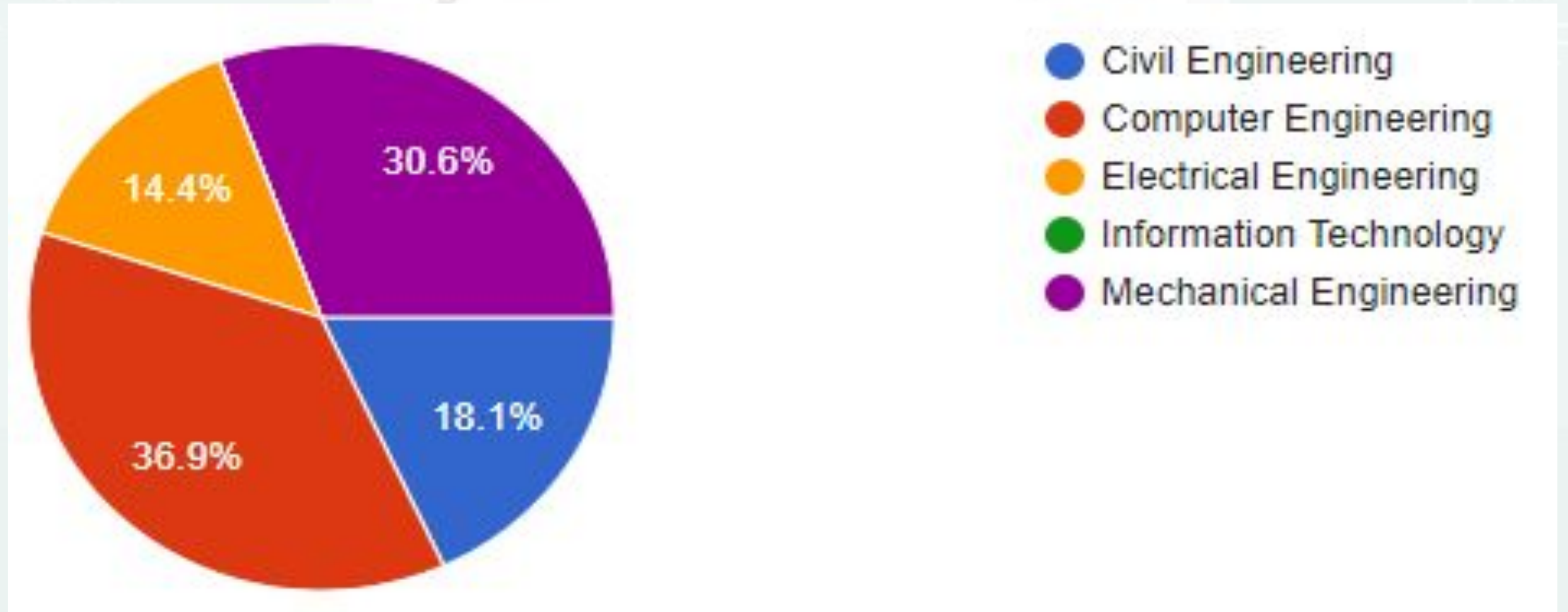
Worst (બહુ જ ખરાબ) Best (બહુ જ સારી)

Sample Description:

- Sampling Method : Random Sampling
- Sample Size : 160
- Field of Students : Undergraduate Engineering
- Level of students : Second, Third and Fourth Year

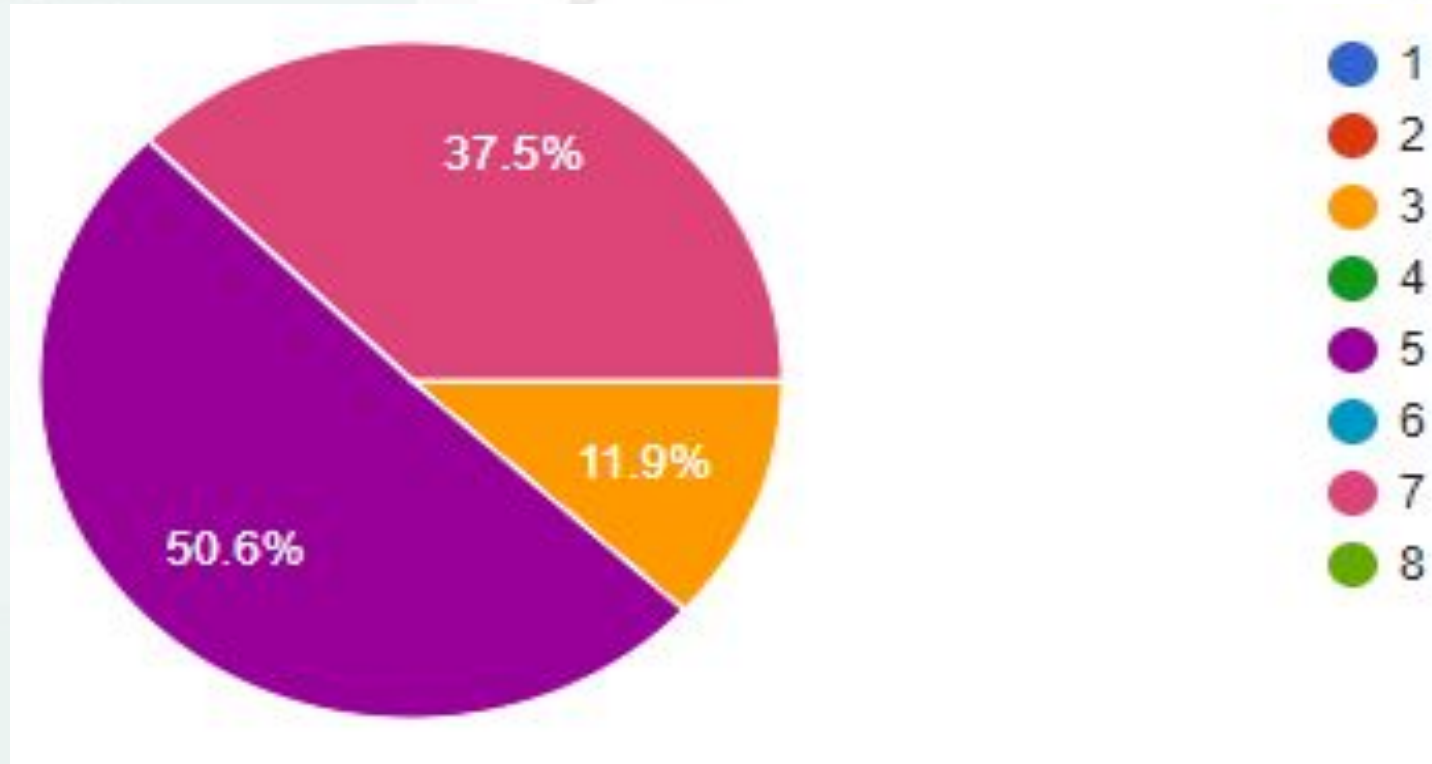
Data Collection

Discipline Involved:



- **Note:** Being a technical institution, participated students were from various engineering disciplines.

EDUCATION LEVEL OF STUDENTS (SEMESTER WISE)

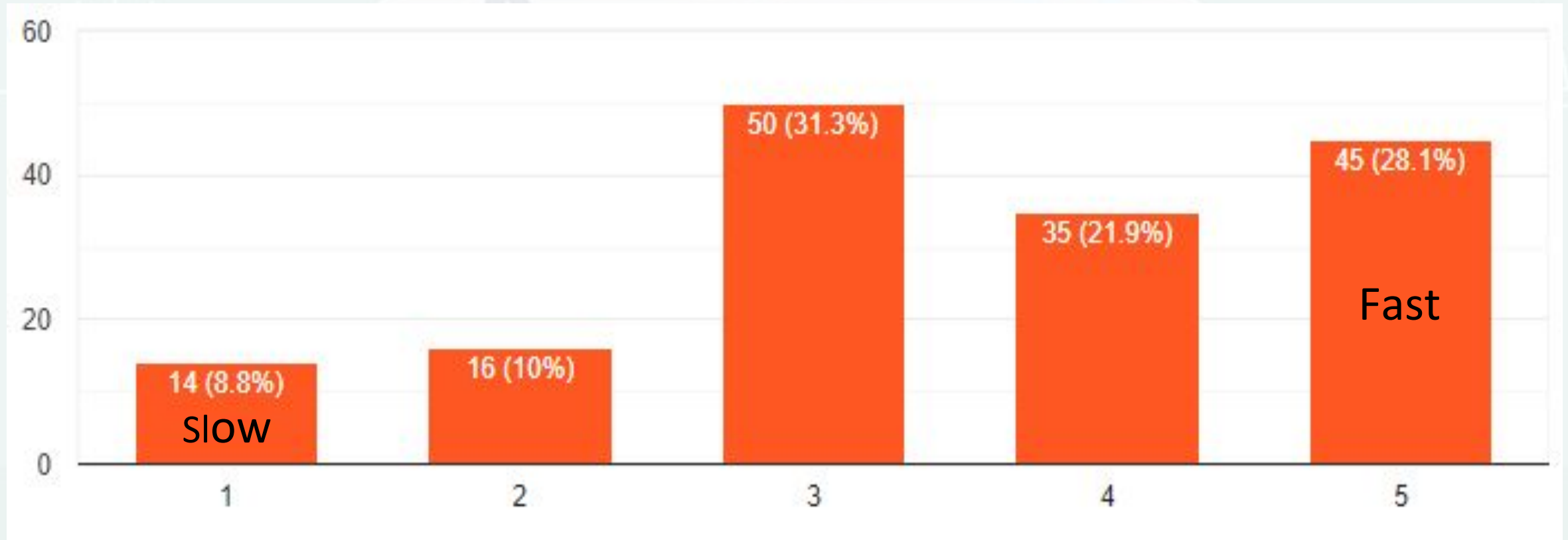


- **Note:** Students from Third, Fifth and Seventh (current ongoing) semester participated in the survey

The background features a large, light-colored laptop. On the screen, the word 'E-LEARNING' is faintly visible. Several stylized human figures are depicted sitting on the laptop's surface, some using laptops. The background is decorated with various mathematical and data-related icons, including a bar chart, a line graph, a pie chart, a coordinate system with a parabola, and the mathematical expression $f(x)$.

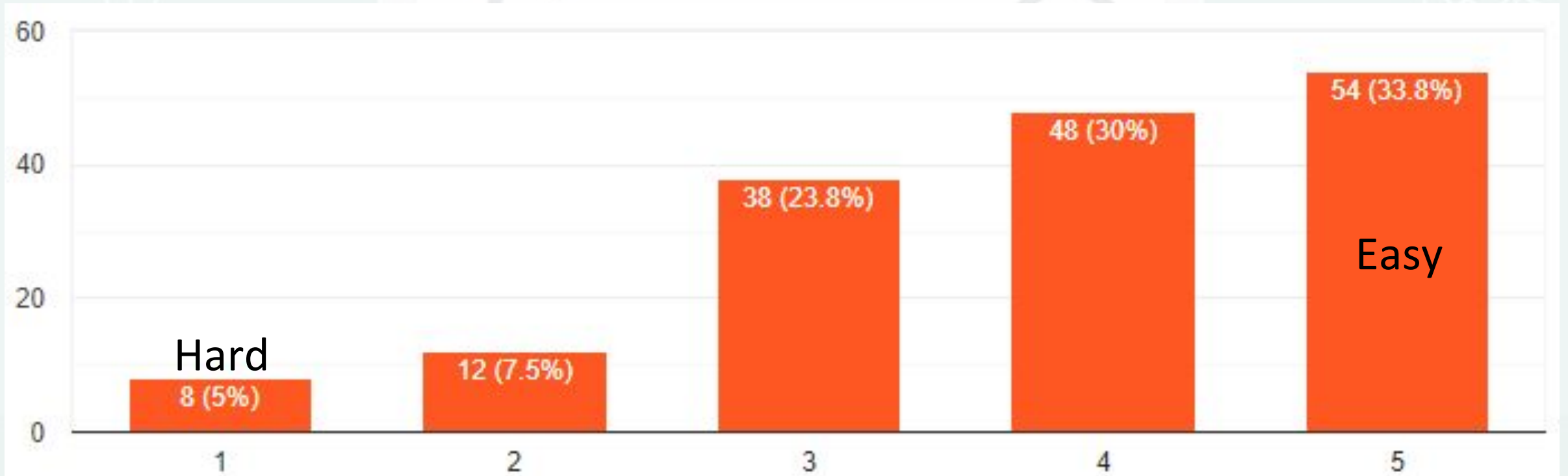
DATA ANALYSIS & INTERPRETATION

Q: Response time by professor to students' emails.



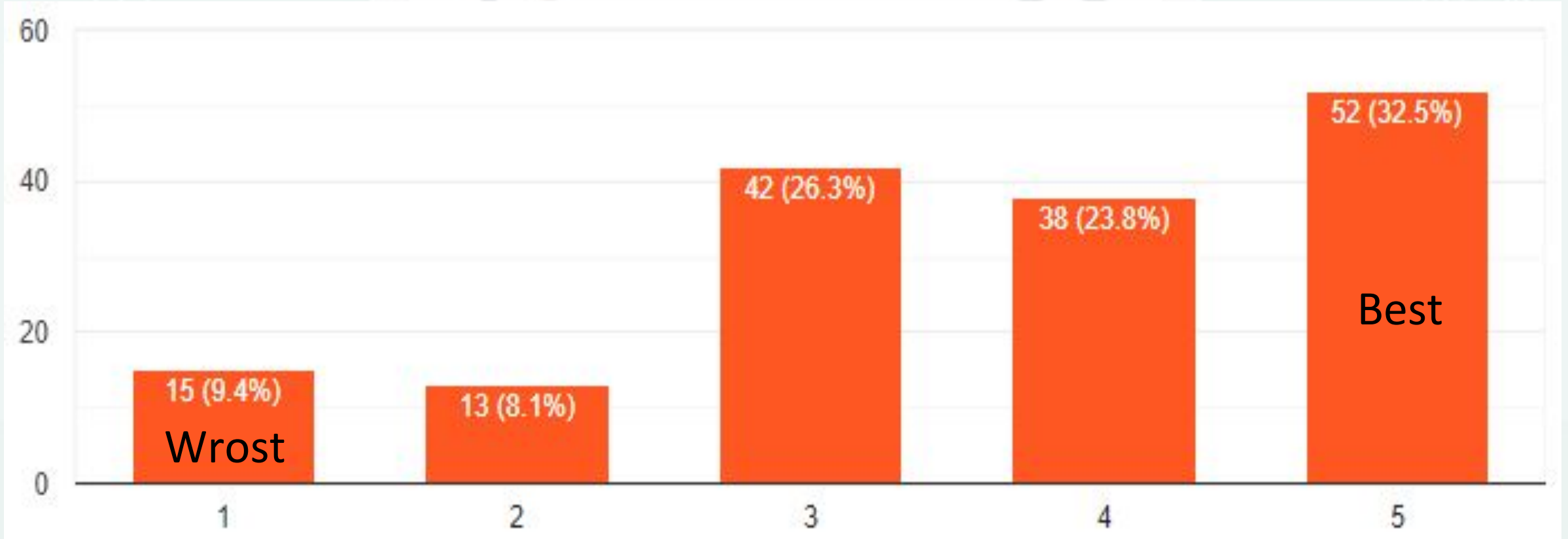
- **Interpretation:** The teachers have been actively helping the students and available to help them as much as possible.

Q: Convenience in scheduling a meeting with the professors.



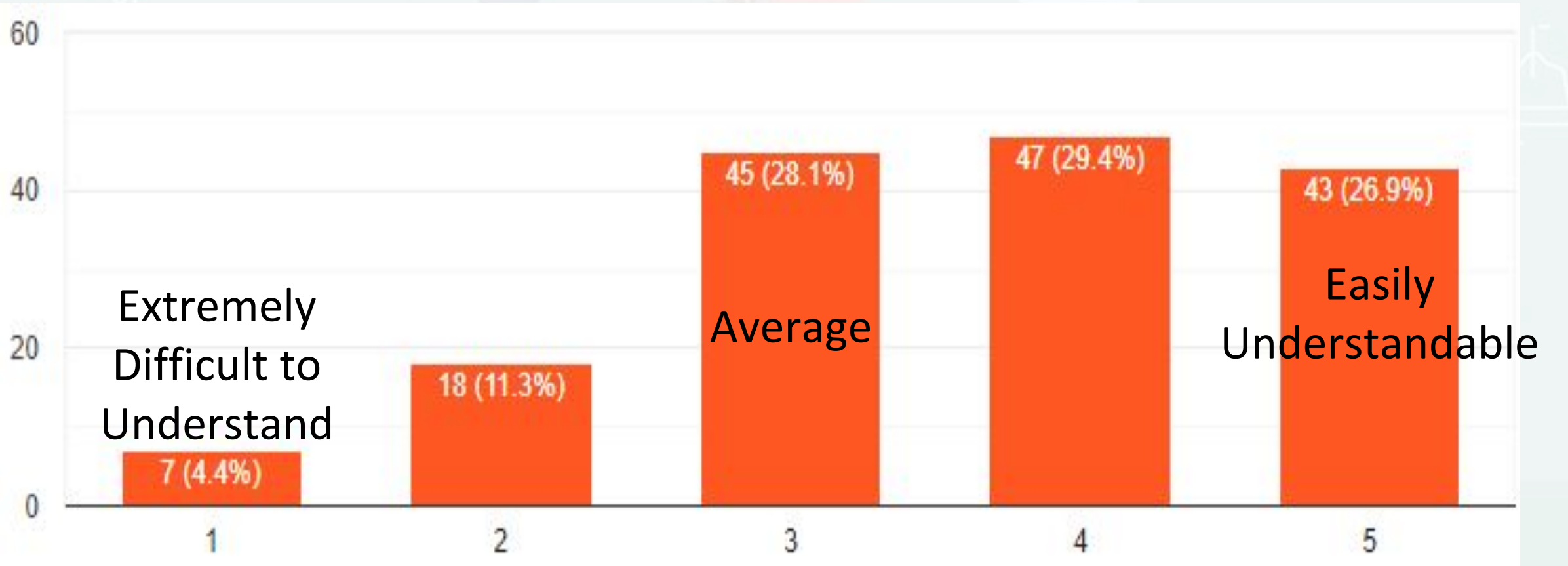
- **Interpretation:** Most of the students find that it was pretty convenient to set up a meeting with their professors for discussion of any sort.

Q: Quality of course delivery in light of content available on learning management systems. (Blackboard, Canvas, or another LMS)



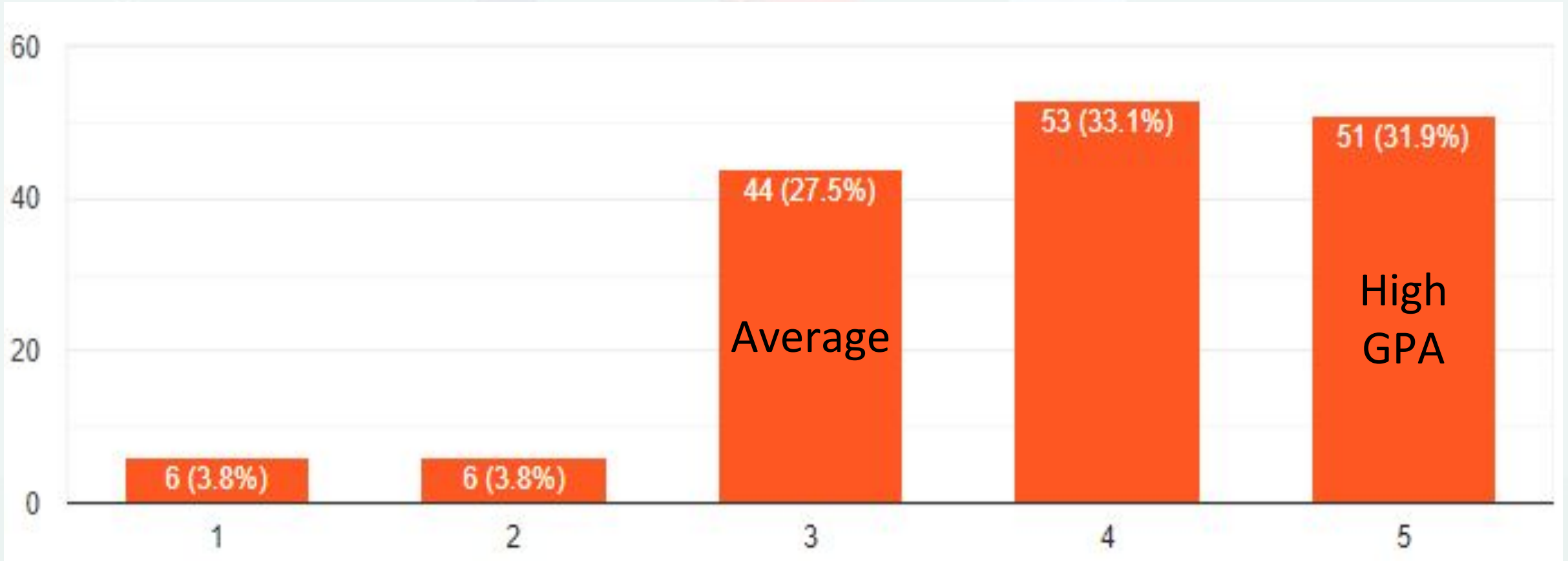
- **Interpretation:** The students quickly adapted to the new form of teaching methods and that's a good sign...

Q: Understanding of course content.



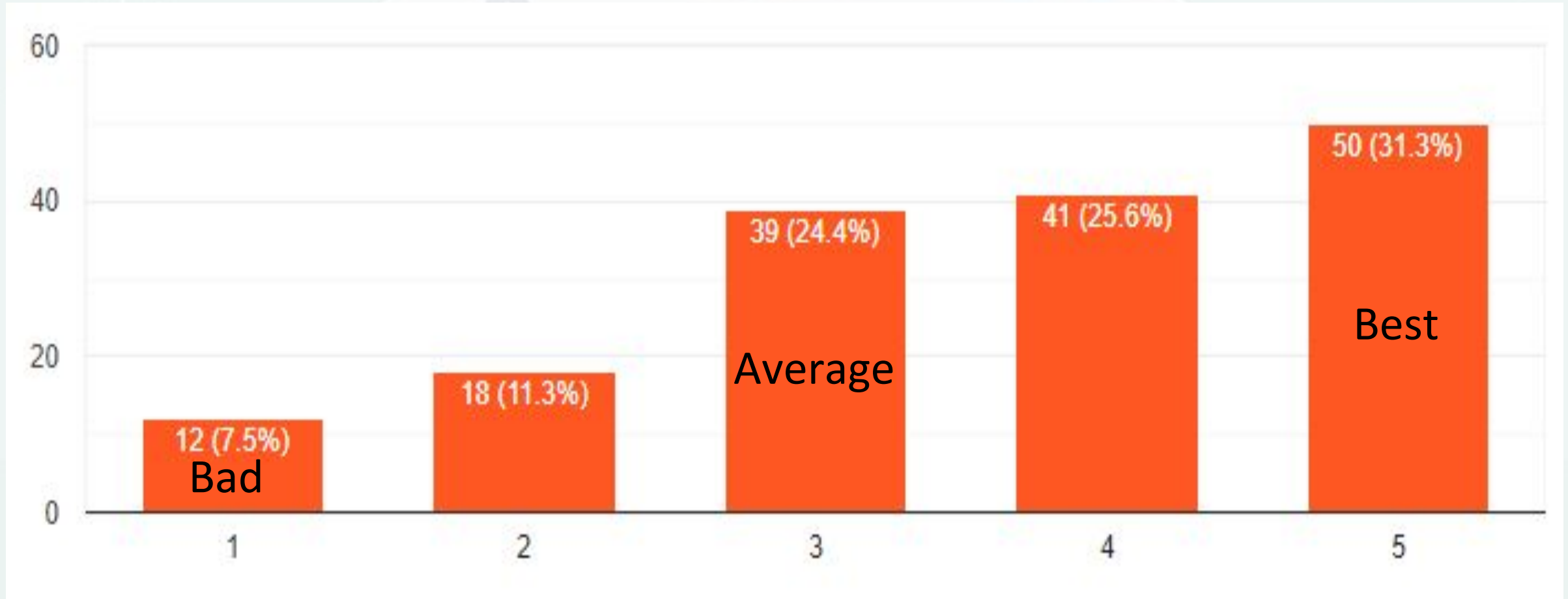
- **Interpretation:** Majority of students could understand most of the course contents thoroughly

Q: Expected performance as measured by GPA this semester.



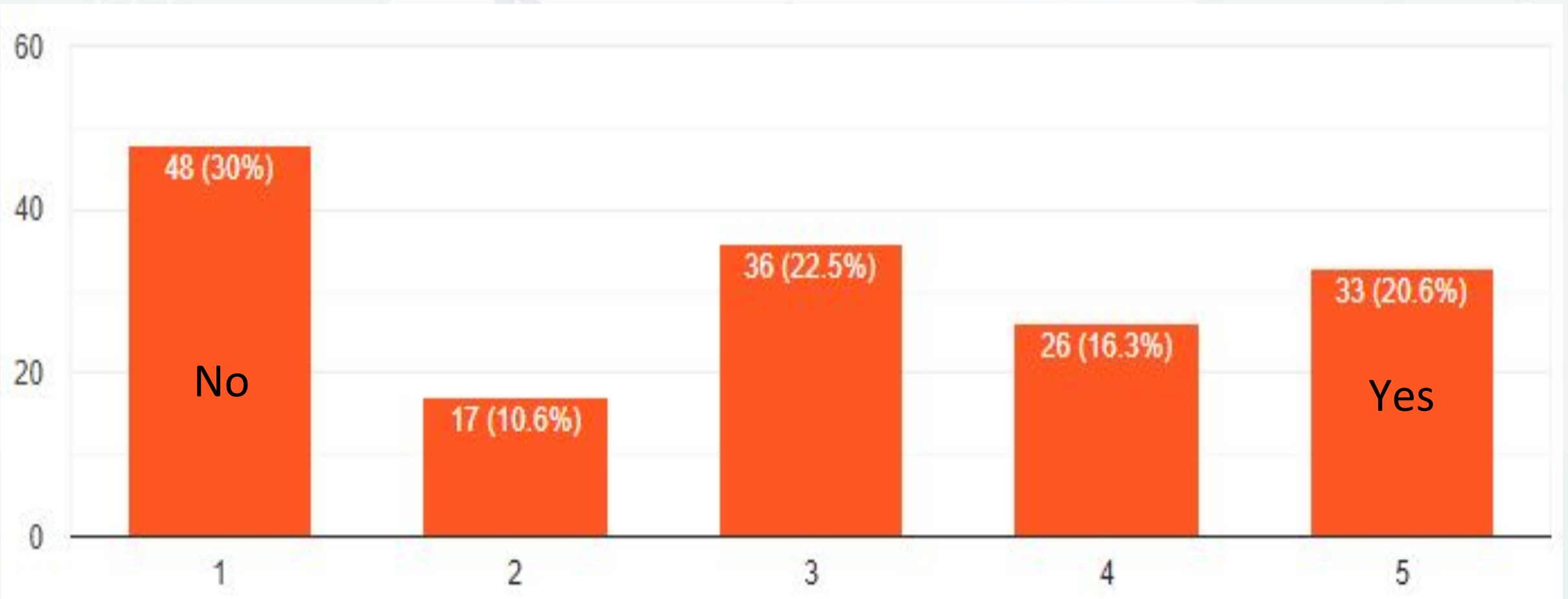
- **Interpretation:** Students seem pretty confident of scoring good grades and that shows their actively learning the course contents

Q: How do you feel overall about distance education?



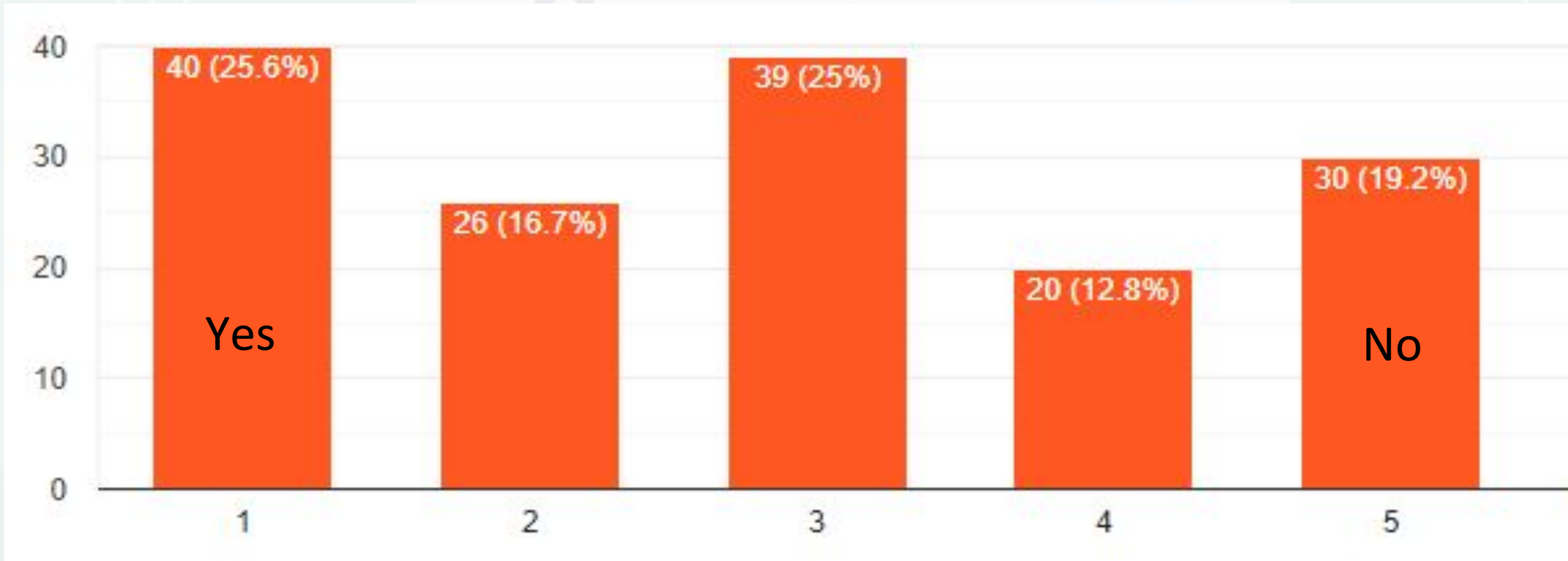
- **Interpretation:** The students are more comfortable to the “Studying from Home” concept

Q: Was E-learning able to replace physical classes?



- **Interpretation:** Physical classes can not be replaced by the online education till date as physical classes have its own perks

Q: Did it get difficult to attend classes due to technical issues (internet connectivity, device issues)?



- **Interpretation**: Majority of the students have faced issues of technical difficulties such as internet connectivity, internet speed, data-package issues, etc.

Major Findings.....

- Majority of the students have adopted the new teaching methods in no time
- The teachers are putting genuine efforts in order to help the students
- The technical difficulties like internet speed, data package, etc. act as a big hurdle that the students are currently facing

Recommendations

- Government should take proactive steps in order to resolve the internet connectivity issues
- Cellular companies should provide discount on data packages especially for students
- Academic institutions should provide more information regarding open source study materials in order to improvise conditions of students

Summary

The COVID-19 pandemic has thoroughly changed traditional education system. Although, it has opened new doors of opportunities in form of online education.

In this era of advanced information technology, it has become highly favourable for every person to have mutual connectivity for learning purpose without geographical boundaries.

Hands on and practical sessions are essential and hence physical education cannot be replaced especially in technical field.

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