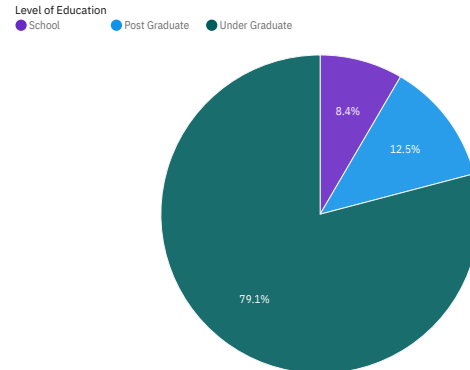# IN-DEPTH ANALYSIS OF ONLINE EDUCATION SYSTEM

Presented by Rajiv Kumar

Participation in online learning system by education level

- **Total Students** = 1033
- **School** Students = 8.4% (87)
- **Under Graduate** Students = 12.5% (129)
- **Post Graduate** Students = 79.1 % (817)
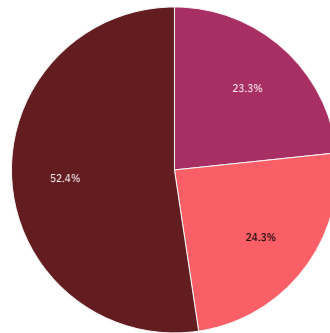
Participation by Level of Education

Level of Education
- School
- Post Graduate
- Under Graduate

8.4%

12.5%

79.1%

Satisfaction Level of Students

Satisfaction of students from online education

Satisfaction Level in Online Education

● Bad   ● Good   ● Average

Majority of students are satisfied from online education system.

23.3%

52.4%

24.3%

Relation across time spent online, average marks obtained and economic status of the students.

Time spent, and marks obtained by students belonging to different economic status
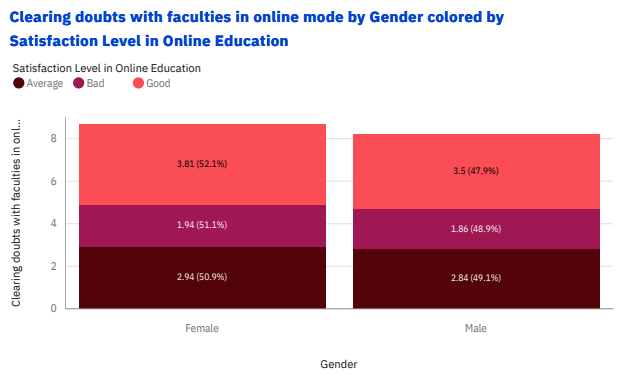
Economic status
● Middle Class ● Poor ● Rich

- **Middle class students** spent majority of time and they **score better marks**.

- Students belonging to **Poor economic status scored less**.
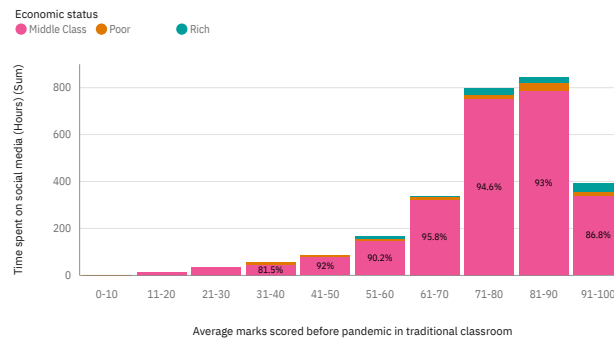
Relationship between satisfaction level and doubts clearance by male and female students

Clearing doubts with faculties in online mode by Gender colored by Satisfaction Level in Online Education

Satisfaction Level in Online Education
● Average ● Bad ● Good

- **Students clearing doubts in online education system are more satisfied**.

- **Male students have low tendency to clear doubts** from faculty in online mode of education and in result are less satisfied.

Clearing doubts with faculties in onl...

Female	Male
3.81 (52.1%)	3.5 (47.9%)
1.94 (51.1%)	1.86 (48.9%)
2.94 (50.9%)	2.84 (49.1%)

Gender

Analysis of device usage, time spent, and internet facility availability based on economic status of family

Internet facility Availability, Economic status, Device Used and Time spent on social media (Hours)   1

- **Middle-class students spent more time online** using variety of devices.

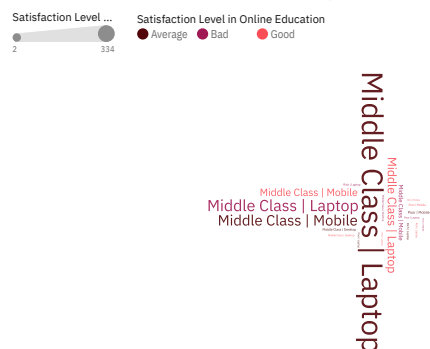- **Students belonging to Poor economic status** have s**pent less time** due to **low internet availability**.

Economic status	Time spent on social me...	Internet facility Availability	Device Used
Middle Class	2.57	3.75	Laptop
	2.63	3.52	Desktop
	2.81	3.25	Mobile
Summary	2.64	3.59	
Poor	1.87	2.81	Mobile
	2.44	3.17	Laptop
Summary	2.08	2.94	
Rich	2	4.5	Mobile
	3.43	4.64	Laptop
Summary	3.33	4.63	

Filter(s) applied to the visualization(s) on the previous page:

Widget 1
Economic status Includes: Middle Class

STUDY OF ECONOMIC STATUS AND DEVICES USED WITH SATISFACTION LEVEL

- Economic status Middle Class has the highest Satisfaction Level in Online Education at 954.

- Middle Class|Laptop is the most frequently occurring category of Economic status.

Economic status and Device Used colored by Satisfaction Level

Satisfaction Level ...

2   334

Satisfaction Level in Online Education
● Average   ● Bad   ● Good

Middle Class | Laptop

Middle Class | Mobile
Middle Class | Laptop
Middle Class | Mobile

Filter(s) applied to the visualization(s) on the previous page:

Widget 1
Device Used Includes: Desktop, Laptop, Mobile