



Centurion University of Technology and Management, Odisha

Action Taken Report

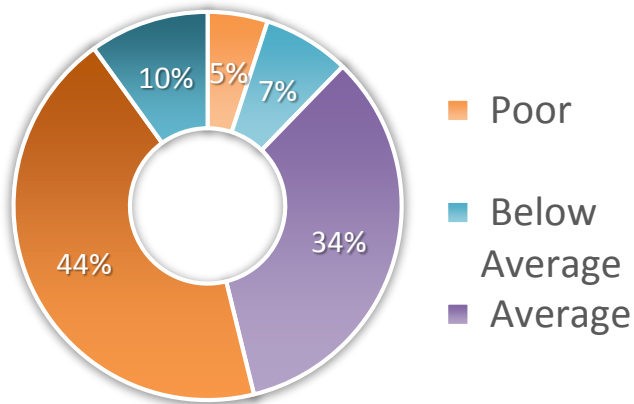
2020-2021

Online Academic Audit (2020-21) for all Schools at the Centurion university of Technology and Management (CUTM) across the campus (Bhubaneswar, Paralakhemundi, Rayagada and Bolangir) was conducted on 20th July 2021. The purpose of the academic audit was to ensure qualitative processes/measures for Online Teaching, Learning, and Evaluation followed at the School.

The Academic Audit (Online) was initiated during the academic year (2020-2021) by the IQAC to evaluate the teaching, learning methodologies and to ensure continuous improvement for quality assurance. A faculty-driven model of ongoing self-reflection, peer feedback, collaboration, and teamwork based on structured conversation to improve educational quality processes in teaching, learning and evaluation.

During the Online Survey IQAC strived to get response from maximum students and sent the reports to Deans to take corrective measures.

1. Indicate your overall online learning experience



Options	Votes
Poor	5%
Below Average	7%
Average	34%
Good	44%
Excellent	10%

Majority of the students are happy with learning experience the university provides. There are very few students who feel that more clarity is needed in case of providing the information

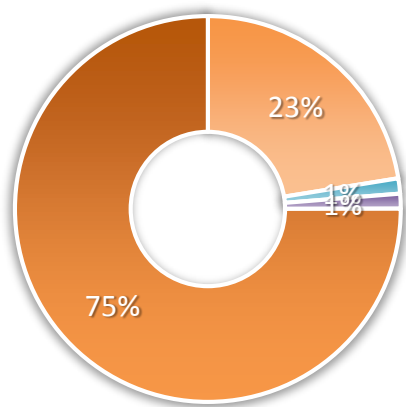
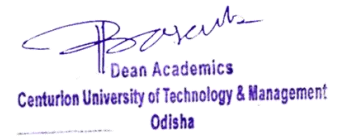
Do you have access to a device for online learning?



Options	Votes
Yes	73%
Managing with a device borrowed from others	7%
Able to attend online learning, but the device doesn't work well	18%
No device & unable to join online learning	2%

73% of the students have access to a device for online learning. There are very few students who feel their devices are defective and others have to borrow from others. Only 2% students who are unable to join as they don't have devices.

What device do you use for online learning?

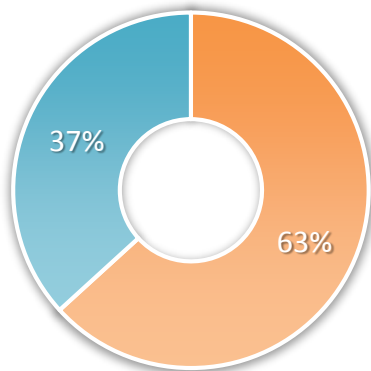


- Laptop
- Desktop
- Tablet
- Smartphone

Options	Votes
Laptop	23%
Desktop	1%
Tablet	1%
Smart Phone	75%

Majority of the students use Smartphone and only 23% students join class with. There are very few students who use desktop and tablet to join class.

Are you facing connectivity issues while attending online classes?

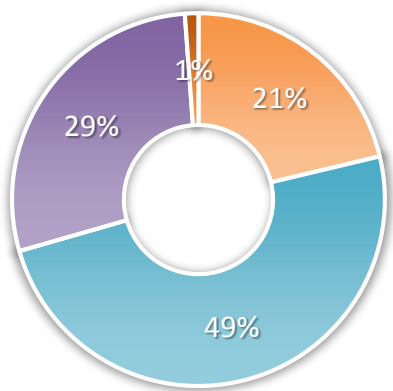


- Yes
- No

Options	Votes
Yes	63%
No	37%

Majority of the students agree with the fact that they have connectivity issues and only 37% students say they don't have any issues in attending online classes.

Describe your internet connection at home

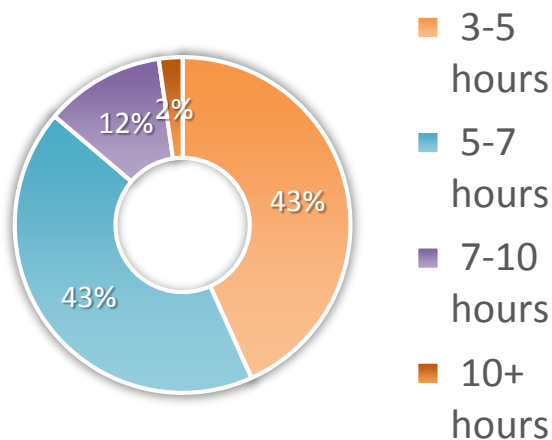


- Fast internet (loads webpage fast, clarity in audio etc.)
- Adequate internet (loads but need to wait for sometime)
- Slow internet (takes more time to load the pages)

Options	Votes
Fast internet (loads web pages fast, clarity in audio etc.)	21%
Adequate internet (loads but need to wait for sometime)	49%
Slow internet (takes more time to load the pages)	29%
No internet	2%

Around half of the students are able to connect with internet though they have to wait a little. 29% students are struggling to connect and 21% students have no problem with the internet connection

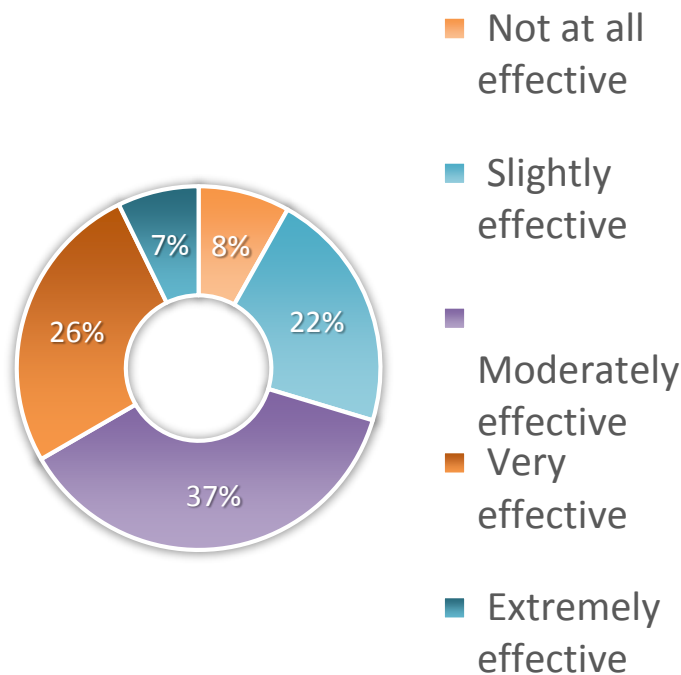
How much time do you devote each day (on average) on online learning?



Options	Votes
3 – 5 hours	43%
5 - 7 hours	43%
7 – 10 hours	12%
10+ hours	2%

Only 12% of the students spend more than 7 hours a day on online learning. 2% students spend more than 10 hours. 43 % students spend more than 5 hours and remaining 43% students spend more 3 hours on online learning.

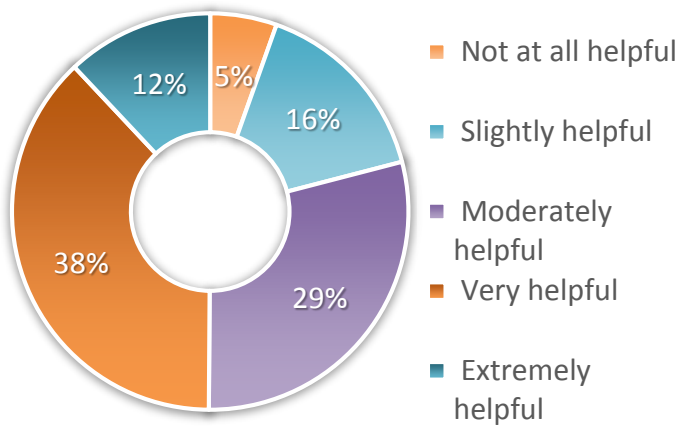
How effective (audio, visibility, video, interaction, sharing screen, group work) has online learning been for you?



Options	Votes
Not at all effective	8%
Slightly effective	22%
Moderately effective	37%
Very effective	26%
Extremely effective	7%

Only 8% of the students feel that online learning is not at all effective for them. 22% students feel that it is slightly effective and the rest are quite satisfied with the online learning.

How helpful has your University been in offering you the resources (courseware, remote access to lab, V Lab etc.) to learn from home?

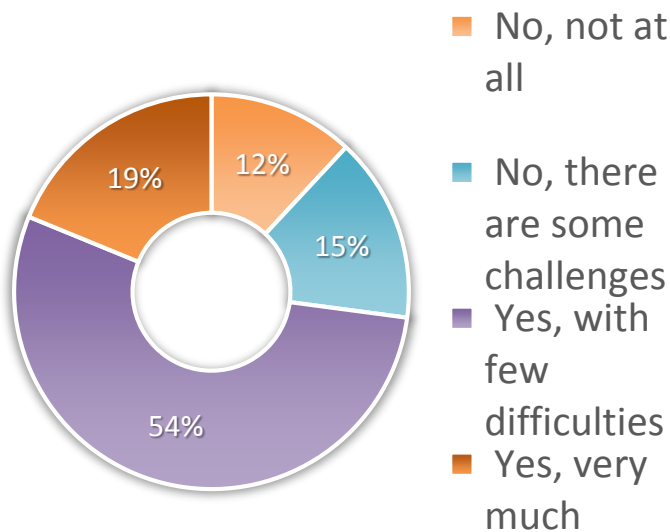


Options	Votes
Not at all helpful	5%
Slightly helpful	16%
Moderately helpful	29%
Very helpful	38%
Extremely helpful	12%

Only 5% of the students feel that the university is not that supportive in offering resources to learn from home. Whereas 16% of students are slightly satisfied. And rest of the students are quite satisfied with the materials and resources being provided to them.

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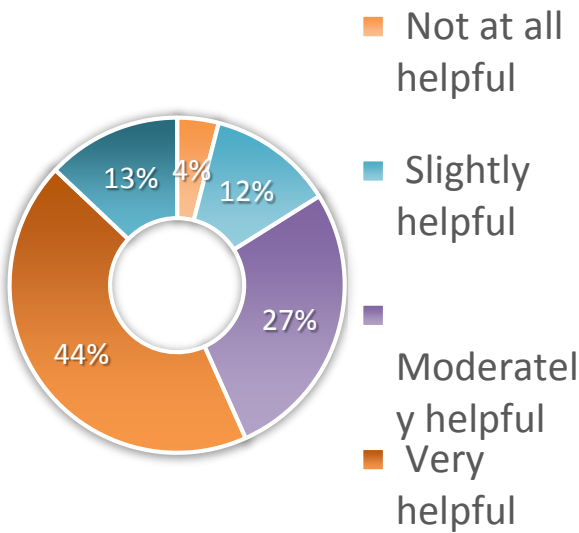
Do you enjoy learning remotely?



Options	Votes
No, not at all	12%
No, there are some challenges	15%
Yes, with few difficulties	54%
Yes, very much	19%

Only 12% of the students are completely negative about learning remotely, 15% students feel that there are some challenges to overcome. Whereas rest of the students are quite satisfied with learning remotely.

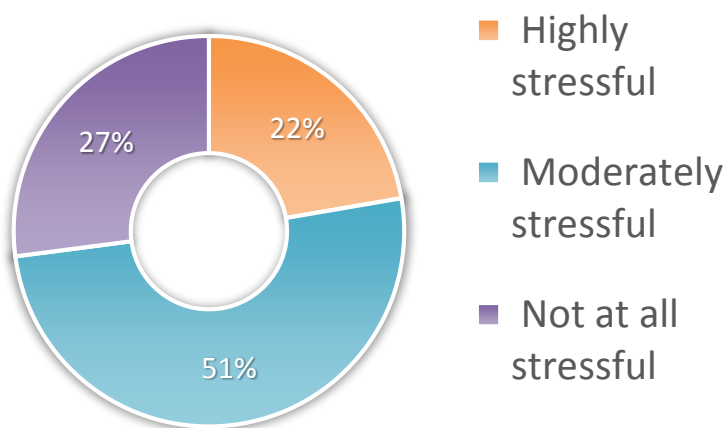
How helpful (explaining the PPT and other teaching materials, response to query, pedagogy & sol; delivery in class) are your teachers while handling sessions



Options	Votes
Not at all helpful	4%
Slightly helpful	12%
Moderately helpful	27%
Very helpful	44%
Extremely helpful	13%

Only 4% of the students feel that their teachers are not helpful at all while handling sessions. 12% students voted that the teachers are slightly helpful. Whereas rest of the students have voted positively on the teachers being helpful during the sessions.

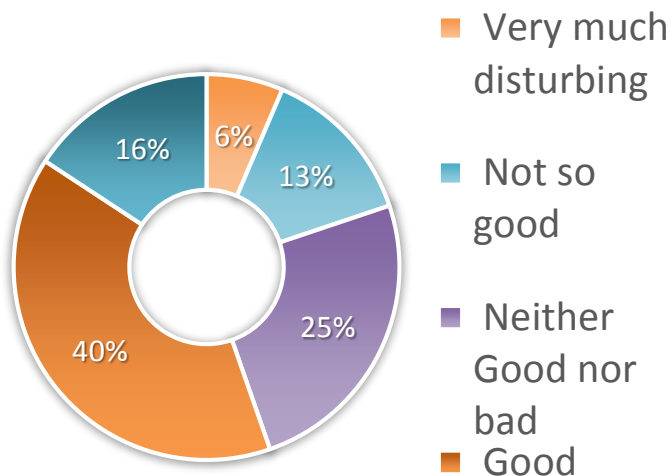
How stressful (irritation, headache, anxiety, body pain) is Online learning for you during the COVID-19 pandemic?



Options	Votes
Highly stressful	22%
Moderately stressful	51%
Not at all stressful	27%

Only 22% of the students feel that it is highly stressful to go with online learning during the pandemic. Whereas rest of the students feel moderate to no stress at all in taking up online learning.

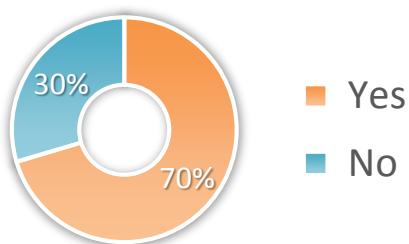
How is the learning environment at your home?



Options	Votes
Very much disturbing	6%
Not so good	13%
Neither good nor bad	25%
Good	40%
Excellent	16%

Only 6% of the students have mentioned that their learning environment is very much disturbing. 13% have mentioned their environment to be not so good. 25% have mentioned it to be neither good nor bad. And rest of the students are happy with their learning environment.

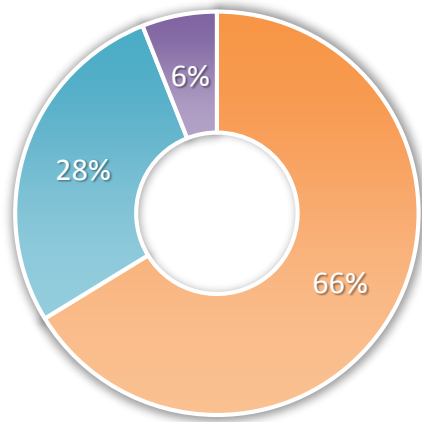
Are you satisfied with the technology and software you are using for online learning?



Options	Votes
Yes	70%
No	30%

70% of the students are satisfied with the technology & software used for online learning. Whereas 30% students are not satisfied with the technology & software used for online learning.

How important is face-to-face communication for you?

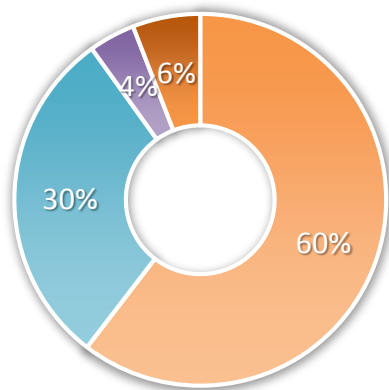


- Physical contact is must for the learning
- Online and offline learning are equal for me

Options	Votes
Physical contact is must for the learning	66%
Online & offline learning are equal for me	28%
Physical class is not required	6%

66% of the students feel that there is a need of face to face communication for better learning. Rest of the students either don't require physical classes or feel that both online & offline sessions are equal for them.

How often do you talk to your classmates?



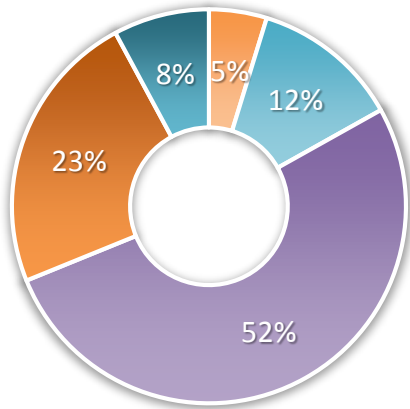
- Daily
- Weekly
- Fortnight
- No interaction

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Options	Votes
Daily	60%
Weekly	30%
Fortnight	4%
No interaction	6%

60% of the students mentioned that they talk to their classmates on a regular basis. 30% mentioned they interact with their class mates weekly basis. 4% of students interact in fortnight. And 6% of students mentioned that they are totally not interacting with their classmates at all.

How often do you have a one to one discussion with your teachers on the online platform including phone, email and wp?

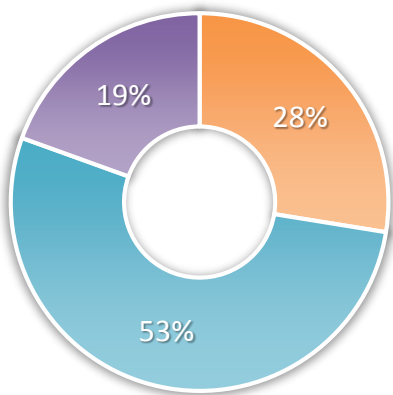


- Not at all
- Rare Occasions
- Whenever feel the requirement

Options	Votes
Not at all	5%
Rare occasions	12%
Whenever feel the requirement	52%
Frequently	23%
Very frequently	8%

Only 5% of the students mentioned that they don't have any kind of communication with their faculty members on the online platform. 12% of students mentioned to have interaction on rare occasions. Whereas other students frequently have interaction with their faculty members

How do you find Virtual Lab for maintaining lab records?

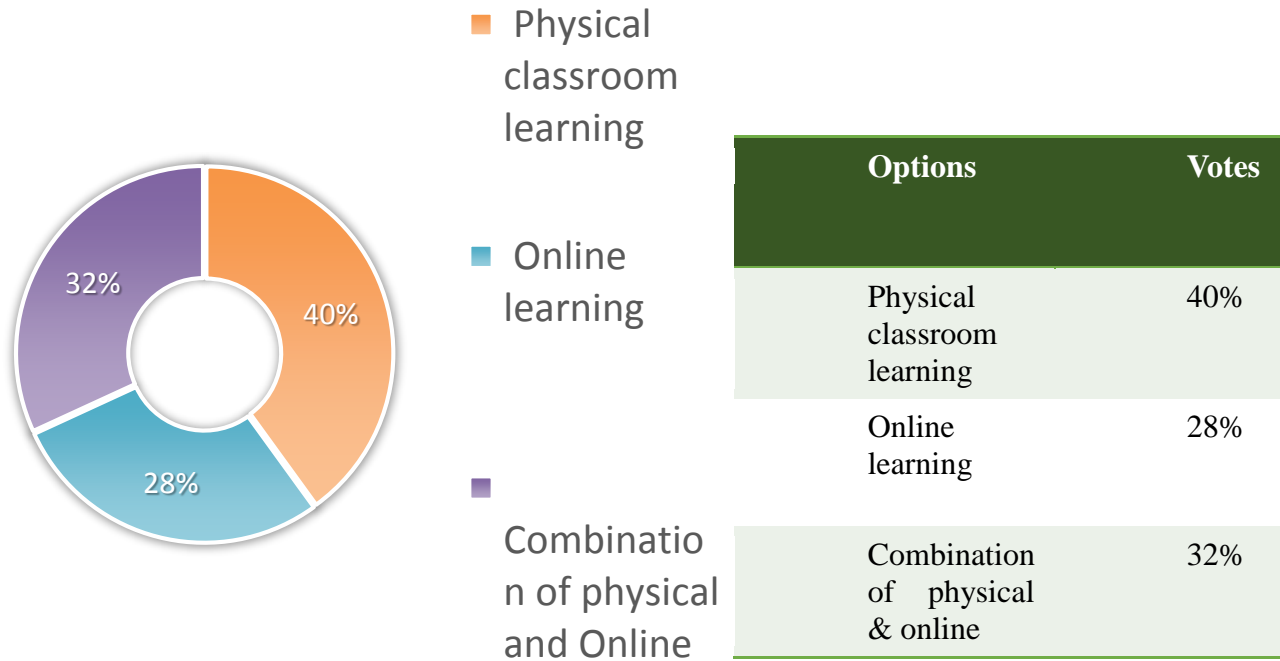


- Easy
- Moderate
- Tough

Options	Votes
Easy	28%
Moderate	53%
Tough	19%

Majority of the students find the level of difficulty as easy to moderate for maintaining lab records in the virtual lab. Whereas 19% of students find it tough to maintain lab records in the virtual lab..

Which mode of teaching do you recommend post-Covid restrictions?



32% of students have recommended for combination of physical & online teaching post covid restrictions. Whereas 28% of students completely recommend online learning. But 40% of students have recommended physical classroom learning.

Major Issues Addressed in Student Suggestions

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Poor Internet Connectivity



Being stressed out due to long hours Infront of screen



Effectiveness of Physical Classes



Technical Issues

Sample Suggestions received from Students

- *I feel this is a new step towards better learning ,and it really helps students who are not confident in physical class to respond or volunteer thinking how their friends might react. We are getting more attention that we missed in physical classes*
- *I wish for attending offline classes rather than online*
- *Online learning is good as compared to physical class room.But some times it's very bad during the bad network issues, in village area those who are living they faced so much network issues in day to day life, any many students have not attended the classes for their network problem and any other reason*
- *Online classes is a good performance for students .it's a very helpful to students to the class.*
- *It is good but not as much as physical classes but teaching quiet good from the respective teachers*
- *It's quite good for me! And it's a new way of learning and it me made me prompt so that i can give any online entrance exam without any hesitation.*
- *I felt online learning is good in this crisis but physical classroom is better we can discuss more directly and can learn practically.*
- *I feel satisfied but practically getting knowledge from faculty is best*
- *I have learned many new things through this online platform. Which i think it will be very useful in your life afterwards. The online learning platform was good enough.*
- *I feel like it's a physical class room because the learning process is very good . Without any hesitation I can communicate with my respective faculty. I always used to answer all the questions which was asked by my teacher . I love to challenge myself everyday with a positive energy . And our faculties are also very responsible and they tough us very fluently .I love my online classes . Because sometimes I feel guilty while asking the questions during offline classes but now I can ask without any hesitation*
- *This is effective way to learn in lockdown.*
- *It was really a effective and helpful method for teaching. In these pandemic situation it was really helpful*
- *Pros- we can get the recorded video lectures\nCons - needs a good network connection which may not be available everytime and everywhere\n Not as much interesting to learn as in class learning.\n*
- *All I can say is that online learning is another kind of experience. Though in online classes there cannot be any kind physical interaction or communication but still I can say that I'm online classes I don't face any problems in communication and understanding the chapters and the concepts. The faulty members teaches the concept very clearly which doesn't make me feel that I am doing online classes. Online classes are also interesting.*
- *It proved to be favourable to me*


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- *It's very good platform to learning at home*
- online classes have been totally enriching and gainfull, the concepts are explained well and all doubts are cleared. Yes, some of us have faced some problems but we manage to come up with that. I enjoyed attending the classes and look forward to new learning experience in each class
- *In my village network is very poor. Some times I am unable to attend the class. And sometimes father gave me some work for which me unable to attend the class. I think physical is good than online.*
- *It's pretty good but it is stressful for sitting hours infront of phone during online class because daily 5-7 hrs infront of mobile Or laptop is harmful.*
- *So much difficulty in login during our first exam.*
- *Difficult to understand .*
- *It is good but not good from physical classes also network problem is there . Network problem is a big problem for online class.*
- *The major problem is network issue and lack of conversation .*
- *There is so much difficulties due to low network in our area. But the teaching style is best. All lectures are doing their best. A lot of thanks to them. Afterall it would be best if there is use of white board and etc.*
- This online learning platform is good ,but in some time we are facing network issues.
- Please improve examination app , students were facing so much problem during exam .so it could be better.
- It is hectic but I'm happy the way teachers put in their best efforts so that everything is clear.
- it's a good way of learning but sometimes it raises issues with the connectivity and sometimes it found to be difficult for learning due to the issues with the network.


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Need more satisfaction

Summary

The Covid-19 pandemic brought a dynamic shift in the world education system. The imposition of lockdown led to the shutdown of physical classrooms and thus online education became the new norm. Although online learning has managed to keep education alive in these dire times, it cannot completely replace it.

Taking it into account, we realized that online education helps in inculcating the habit of self-discipline and time management within students and provides them access to an unlimited number of educational resources. The students can easily set their own pace of learning though few of them expressed their dissatisfaction related to poor internet connectivity and other difficulties. Measures have been taken by the University to solve most of the issues.

Action Taken Report

Student(s) Suggestion

Some students demanded for physical classes, but it is not possible to conduct physical classes during the Pandemic. Few students have expressed their dissatisfaction regarding poor network connectivity in their respective locations especially those who reside in rural areas. However, they appreciate the effort put in by the faculty.

Action Taken

The issue was discussed in Deans meeting and it was decided to record all the sessions and float in the same digital platform so that students can watch the session whenever they get access to the internet.

Student(s) Suggestion

Students appreciated the constant efforts put by teachers for taking online classes and the same time , some of them showed unhappiness as they have to sit for longer time with Mobile or laptops , which is hectic and harmful to them.

Action Taken

The issue was reviewed in the Dean's meeting and decided to advise teachers to be flexible with time table is concerned. They can take class at any convenient time of the same day.

Student(s) Suggestion

Few students faced difficulty in login process and other problems related to the Examination App

Action Taken

The matter was raised in Dean's meeting and it was decided to conduct a mock test much before the examination so that students will be familiar with online examination system.

Student(s) Suggestion

Students suggested for a different approach to be implemented in class instead of conventional approach. Their main issue associated with online sessions is low attention and tendency to get distracted easily

Action Taken

A series of FDPs were conducted and a Courseware was prepared by internal faculty members for all courses, consisting of you tube links and other online practice tests. Teachers were advised to use the courseware to make the class interactive and interesting. Students were informed to utilize the contents form CUTM Courseware .



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