Forced Transition to Online Education under Epidemic in Zhejiang University

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The Outbreak of Epidemic

- it was the late of January and close to the Chinese New Year
- Students stayed at home for the winter vacation
- Chinese government immediately took strong and effective measures to contain the coronavirus
when the opening time of school were approaching, China Ministry of Education announced “Stop Going to School, Non-stop Teaching and Learning”

All the schools and universities have postponed the reopening of the spring semester and been forced to switch to online education
Series of Unified Policies

- **Notice on the Postponing Reopening in the Spring Semester of 2020** (on Jan. 27, 2020)

- **Stop Going to School, Non-stop Learning, Using Internet Platform** (on Jan. 30, 2020)

- **the Guidance on Organizing and Managing Online Teaching in Ordinary Colleges and Universities during the Period of Epidemic Prevention and Control** (On Feb. 5, 2020)
Response of the Universities

- take active actions to deal with this crisis
- So far the transition to online education is successful
- implement large-scaled comprehensive online teaching for the first time
- all the teaching work has been going on in an orderly way
Zhejiang University

- provided online training for all teachers and students who have classes this spring
- Started on February 24
- tens of thousands of teachers and students met again on online classes, though living all over the country
- established quality supervision mechanism
- During the spring semester opened 573 online courses for 37910 undergraduates in 774 classes and 173 online courses for 5472 graduates in 185 classes.
people’s acceptance and readiness for this transition is impressive.

- **Before** the epidemic it is difficult to push forward the online teaching. It seemed that the future education remains in the future.

- **When** the coronavirus accidentally broke out across the country, surprisingly, online teaching became a new normal in China.
  
  - all the teachers and students all over the country are willing to choose the new mode to open a new semester.
  
  - the telecom companies increased the bandwidth and speed up the internet for the users for free.
The Unresolved Problems

- Old teachers have much anxiety and fears in front of technology.
- Online teaching has encountered difficulties in solving the core task of education---cultivating students' morality.
- The teachers can no longer monitor students' learning status at any time.
In Zhejiang University these online teaching courses are mainly through live broadcast, supplemented by recording and MOOC.

"Learning in Zhejiang University" as the main course platform, and "Zheda Ding" is recommended as the live network platform.

200 classrooms with automatic recording and broadcasting function for some teachers to complete live broadcast.

the teaching platform named “Learning in Zhejiang University” 2.0

the software Zheda Ding
In 2017, it launched a project named "online Zhejiang University", under whose framework five spaces have been built.

In 2018, the famous Group Alibaba established a learning service software Zheda Ding for Zhejiang University.

In May 2018, Zhejiang University started to build the smart classrooms, and in March 2019, the voice recognition and simultaneous interpretation functions went online.

In November 2019, as a key subproject of online education space, a teaching platform named "Learning in Zhejiang University" went into operation.

Before Feb. 24th, 2020, the installation and debugging of 200 smart classrooms had been successively completed.
"promote the deep integration of information technology and higher education, and innovate the talent training mode".

In Sep., 2019 with the approval of the State Council, China Ministry of Education and other 11 departments jointly issued the *Guidance on Promoting the Healthy Development of Online Education*.

“by 2022, 3000 national top-quality online courses will be opened, 1000 national virtual simulation experimental teaching projects will be launched, and about 6000 National and 10000 provincial top online and offline higher education courses will be developed”
Before the epidemic, students in higher institutions mainly received offline education, online education has been rarely used in teaching practice.

Now it's definitely the first time for students to accept online learning at home on such a large scale.

It can be anticipated this crisis will eventually reform national policies and institutional strategies to embrace more of online learning.
After this epidemic, more capital will be invested to the online teaching and more offline education maybe will be transformed into online education.

It can be expected that a hybrid model of online and offline education will come into being.

However, moving to comprehensive or total online learning will be a long process, because there are still a lot of issues that need to be addressed.
Спасибо за внимание

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