Impact of COVID-19 on Higher Education and Recognition

Webinar with CIMEA, in the framework of the RecoASIA project

Ms. Tumennasan. D
International Relations Officer
Mongolian University of Science and Technology
Mongolia
“Effect of COVID-19 on Higher Education and Recognition”

Mongolia

• Ministry of Education, Culture, Science and Sports
• Mongolian University of Science and Technology
• Mongolian State University of Arts and Culture

Prof. NAMNAN Tumurpurev, Vice-president
Mrs. TUMENNASAN D, International Relations officer
Mongolian University of Science and Technology
<table>
<thead>
<tr>
<th>Academic Degree</th>
<th>Total students</th>
<th>Total number of graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor</td>
<td>119 301</td>
<td>17 420</td>
</tr>
<tr>
<td>Master</td>
<td>25 753</td>
<td>4 572</td>
</tr>
<tr>
<td>Doctorate</td>
<td>3 392</td>
<td>395</td>
</tr>
<tr>
<td>TOTAL</td>
<td>148.446</td>
<td>22 387</td>
</tr>
</tbody>
</table>

95 higher education organizations
- 18 public
- 73 private
- 3 branch of foreign universities
COVID-19 in Mongolia

- Closure of national border and domestic movements.
- Closure of all public places, shops, restaurants, schools, universities and any other academic institutes until end of April.
- Started implementing online classes.

First COVID-19 case imported from Europe. /2020.03.10

Closure of schools and universities and any other institutes until September 1.

All academic activities and online classes must be done by June 1, 2020.
Measures taken by the government of Mongolia to close all types academic institutions due to COVID-19.

1. **Government resolution No30**
   - I stage: Jan 24, 2020-March 2, 2020

2. **Government resolution No64**
   - II stage: March 2, 2020- March 31, 2020

3. **Government resolution No102**
   - III stage: March 31, 2020-April 30, 2020

4. **Government resolution No139**
   - IV stage: April 30, 2020- September 1, 2020
• Tele school and online classes are available until June 1, 2020.
• Some subjects are eliminated from university entrance examination.
• Continuously sending warnings and posts through university websites.
• Cancelled all the international forums and meetings and organized online meetings.
• No tuition fee for nursing schools.
Minister’s order:

Graduation examination, thesis definition all documentations must be finished no later than June 15, 2020.

Thesis definition and oral exams will be online.
No graduation ceremony and diplomas will be delivered by post.

All dorms and students accommodations must be emptied;
Refund dorm and accommodation fees no later than May 15, 2020.

National university entrance examination must be organized from July 2-5, 2020 with max 10 students per classroom /total 27983 students/.
“Temporary order for academic activity during the emergency situation A/67”

2020.04.30
Transition of the learning management system into full online learning format

More than 300 online courses

new Massive open online course /MOOC/

Made 43 video courses for students nationwide

Books, publications and research articles were made available online
CURRENT FORMATS OF ONLINE LEARNING

- Webinars, Online discussions with ZOOM, Microsoft 365 - Teams, Adobe Connect and etc.
In accordance with the Decree of the Government of Mongolia and the Order A / 43 of the Minister of Education, Culture, Science and Sport dated January 27, 2020, the Mongolian National University of Arts and Culture has been teaching bachelor’s degree programs online since February 3, 2020.

Activities organized and implemented by the Mongolian National University of Arts and Culture (MNUAC):

- In 2014, the MNUAC transferred the professional and specialized courses of the “Library Studies” program to online form, developed relevant rules and regulations, and organized a combination of e-learning and classroom training on the Moodle program.

- In the spring of 2019-2020, “Open SUIS” e-learning system and examination platform will be introduced in accordance with the specifics of your school and e-learning will be combined with other software such as Facebook, Google Classroom, Wechat and Ding Talk is organizing the operation.

- In cooperation with mobile phone operators (Mobicom, Skytel, Unitel, Gmobile), we introduced a mass SMS service for teachers and students to connect to the university's educational system free of charge and to provide information to students in order to provide accessible and fast information between teachers and students.

- We are organizing e-learning, making changes to the training schedule, organizing e-learning effectively, soliciting problems and suggestions from each teacher and student, and solving problems facing the training from time to time.

- Weekly e-learning progress reports are compiled from each curriculum and structured school and reported to the Rectorate and Administrative Council meetings.
E-learning software development

Each lesson is flexible and can be organized depending on the specifics.

The training platform can support video, audio, pdf, image, xlsx, pptx and docx formats.

It is possible to link exercises from the test database to each lesson.

Detailed information and statistics for each subject can be provided.

Teachers:

- In the 2019-2020 academic year, 1231 subjects (30,026 credit hours) of 232 teachers are being studied online (in duplicate).
- 97% of teachers have placed their online lessons in the platform. We also use other applications and programs that students can access.
- Teachers have been involved in short-term trainings to empower teachers to work with e-learning programs and deliver e-learning to students.

Student:

- In the 2019-2020 academic year, out of 2195 students, 1949 students (90%) have been studying online.
- 74% of students actively studying in the e-learning system of the MNUAC.
- We have created an opportunity for every student to study through the e-learning system, and in cooperation with mobile phone operators, we have provided free access to the e-learning website of the MNUAC.
ONLINE COURSE STATISTICS /2020.02.03-05.15/

MONITORING STATISTICS OF ONLINE COURSE

<table>
<thead>
<tr>
<th>School of Dance arts</th>
<th>School of Culture</th>
<th>School of Theatre arts</th>
<th>School of Music arts</th>
<th>School of Fine arts and Design</th>
<th>School of Broadcasting and Media arts</th>
<th>Foreign language institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of total students</td>
<td>Number of attended students</td>
<td>Attended students /by percent/</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>150</td>
<td>167</td>
<td>328</td>
<td>303</td>
<td>523</td>
<td>454</td>
</tr>
<tr>
<td>75%</td>
<td>30%</td>
<td>64%</td>
<td>63%</td>
<td>350%</td>
<td>49%</td>
<td>69%</td>
</tr>
</tbody>
</table>

0 200 400 600
0% 20% 40% 60% 80% 100%

Online platforms:
- YouTube
- Facebook
- WeChat
Weaknesses:

- There is a lack of training equipment, e-books, textbooks, and laboratories to organize professional courses online.
- Students living in remote areas of the countryside have difficulty accessing online courses due to the lack of an Internet connection and the slow speed of the Internet.
- Difficulties in organizing specialized art training (dance, acting, craftsmanship, carving) in teams, collaboration, co-creation, practice-based laboratory and art form training.
- It was difficult to access skills-intensive, physical classes online. Due to the lack of live communication, it is difficult for the teacher to evaluate the student, counsel, and adjust the teaching methodology accordingly.

Advantages:

- By organizing lessons and training activities in electronic form, each teacher's ability to use information technology and knowledge is improved, and in the future, they have the skills and habits to organize learning activities in electronic form.
- Individual and small art classes have also been found to be more effective in organizing theory classes online.
- In the future, we have gained experience and opportunities to organize training activities in a combination of electronic and classroom forms.
- Learn how to properly use the many applications, programs, and platforms you need to be able to connect online, regardless of space or time.
Thank you for your attention!

Contact us
Address: Main Campus of MUST, Baga Toiruu 34, Sukhbaatar District, Ulaanbaatar, Mongolia
Postal: P.O.Box 46/520, Ulaanbaatar 210646, Mongolia
Website: http://www.must.edu.mn
Tel: +(976)-11-329081
Fax: +(976)-11-326409 or +(976)-11-329081