



World of **MEPHI**

March '20

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BREAKING NEWS: MEPhI SWITCHES TO DISTANCE LEARNING

MEPhI takes measures to prevent the spread of coronavirus infection: educational activities are moved to online-format, all scientific and cultural events are postponed to a later date, foreign business trips and trips within the framework of academic mobility are temporarily canceled.

From March 17 to March 22, it was a week of vocational guidance for all MEPhI students, including students in branches. Dur-

ing this time lessons and accepting academic debts are canceled.

Since March 23, the educational process continues remotely online. Please, contact your program managers.

Mass events planned for March-April are postponed to a later date. Foreign business trips and trips within the framework of academic mobility are canceled.

Employees and students are encouraged to refrain from visiting countries with a high

incidence of coronavirus infection. In case of return from such countries, it is necessary to ensure self-isolation for 14 days and to inform your supervisor, the human resources department or student affairs department.

Anyone entering MEPhI territory will have their temperature taken. All measures have been taken for the well-being of students and university staff.

From March 28 to April 5, extraordinary vacations are announced.

DISTANCE LEARNING: FIVE TIPS HOW TO MAKE IT MORE PRODUCTIVE



Students are leaning online now: lessons by videoconference, sending tasks by e-mail, chatting with teachers. For many of them it is not easy because of unusual format. Alexey Egorov gave some advice to students who switched to distance learning.

Due to the difficult epidemiological situation, the Ministry of Science and Higher Education has given universities the right to switch to a distance education mode. It helps to reduce the number of cases of infection.

To switch to study mode using distance technologies it is quite easy for humanitarian universities, but for "technical" universities it is difficult to do it without full-time laboratory work.

Laboratory, practice and similar work will be transferred to the end of the semester or to the next semester. Of course, there are other difficulties: software, changing the format of the materials, and so on. Not only universities and organizations, but also students themselves have difficulties. Most of the difficulties are based on false stereotypes. How to deal with them?

Difficulty No. 1. Distance education is not a freebie

Unfortunately, distance education is much harder for a student than full-time format. It is difficult to maintain motivation in isolation from the usual study group, without eye contact and university disciplining atmosphere. This means that any student needs to make more ef-

forts to achieve the effectiveness by overcoming a cozy home atmosphere.

I advise you to observe your daily routine. I don't advise to study in home clothes. I also advise you to sit at the table. It is better to do not interrupt your classes by watching TV shows, films or playing any computer games. It is necessary to take the listening material more seriously. Good discipline is the key to successful distance learning even more than successful full-time study. This is confirmed by many studies.

Difficulty No. 2. The video material is poorly remembered

It is necessary to record material (especially lectures), even if you usually do not do this. The traditional perception of the vid-

eo material is tightly connected with the perception of TV series or films, which basically do not require effort to concentrate. Formulas do not become clearer regardless of whether they are written on a blackboard or appear in a video.

Difficulty No. 3. Teacher do not get a feel for audience

Many teachers at universities have any distance learning experience. It means that they do not understand how to maintain the attention of the audience in such situation. They cannot see the reaction of students. Distance learning is not just an online course.

To support the teacher and better understand the material, ask questions immediately as they arise. Using them the teacher can quickly adjust the material. Type the answers in the chat if the teacher does not have time to enter them himself. Ask questions before and after a lecture or seminar. The process will fall apart without feedback.

Difficulty No. 4. Online format requires self-training

Self-training is a necessary element of distance learning. The teacher have not enough time. Extra classes are hard to attend especially if you went home and you had a difference in time zones. I do not advise you to go home if you live further than in three time zones + from the university. For example, from Mos-

cow to Barnaul. Evening lessons will end for you in the middle of the night.

Take care of your knowledge gaps by yourself. Remember that distance learning is more difficult than full-time study, which means that you need to put more effort into the result. Online courses and practice in completing tasks are necessary elements of distance learning. By the way, do not forget to keep in touch with your group.

Difficulty No. 5. Students want to walk, not study, or want just study

Obviously, distance learning saves time. The number of lessons at many universities will decrease. People want to spend this free time on walks or rest. Not worth it. It reduces discipline.

Better try taking one of the online courses that are now available for free. Time of switching to distance learning is a great way to pull up weak skills.

No need to take ten online courses at once. You simply do not have enough time to study. Choose wisely!

The conclusion: do not relax. It seems like a huge amount of free time in the middle of academic semester, but if you relax, then in the end it will only get worse. The current period is a chance for each student to get a unique competitive advantage in the future in the labor market. It is a real opportunity to build an individual trajectory.

Use this time, but carefully.

NEWS

MEPHI UNVEILED MONUMENT TO CREATORS OF SOVIET «ATOMIC PROJECT»

On March 6, the opening ceremony of the monument "To the creators of the Soviet atomic project", dedicated to the 75th anniversary of the Russian nuclear industry, took place on the territory of MEPHI.

The event was attended by Director General of the State Atomic Energy Corporation Rosatom Alexei Likhachev, Rector of MEPHI Mikhail Strikhanov, employees and students of the university, representatives of the Artplast company.

The sculpture «To the creators of the Soviet atomic project» is one of the key and most original compositions of the Alley of Nobel Laureates — a complex of monuments on the territory of the university.

The center of the composition is the atom, which ideologically and plastically unites the figures of three great scientists: Igor Vasilievich Kurchatov, Yakov Borisovich Zeldovich, Yulia Borisovich Khariton. The figures are made of bronze, and the atom is made of crystal. Crystal is practically not used in sculpture of large forms.

The Director General of Rosatom State Corporation Alexei Likhachev noted the contribution of three outstanding scientists to the creation and development of peaceful atom technologies. "It is important that the nuclear project was able to support our Victory in the Great Patriotic War. It is equally important that our country became the first where they began to actively use nuclear technology for peaceful purposes: we were the first in the world to launch an industrial nuclear power station, to raise the flag of the Soviet Union over a nuclear-powered icebreaker. This is the merit of the founding fathers of nuclear energy.

I would urge students, our future colleagues, to take an example from them and make maximum use of the principles of dedication and determination in work," Alexei Likhachev noticed.

According to the rector of MEPHI Mikhail Strikhanov, the territory of MEPHI was not just randomly chosen as the site for the sculptural ensemble: six Russian Nobel Prize winners studied or worked at MEPHI. "This is a monument to people on whom we should all be equal," said Mikhail Strikhanov. — We are proud that these outstanding scientists participated in the creation of MEPHI".

Director of SIC "Kurchatov Institute" Alexander Blagov noted how important it is to remember the names of outstanding scientists who stood at the origins of the nuclear industry, to talk about their achievements to new generations of students.

The author of the monument is an assistant professor at the Moscow State Academic Art Institute named after V.I. Surikova, sculptor Alexander Mironov.

The main sponsor and inspirer of the project is the trade and production company Artplast. "Alley of Nobel Laureates" is a very interesting and important project for the Artplast company, because among its employees there are many graduates of MEPHI," said Andrey Novikov, general director of JSC "Artplast", a graduate of MEPHI. - We set ourselves two goals - to pay tribute to the great scientists and to get an opportunity to improve the understanding of the young generation where they are studying: the history of MEPHI is inextricably linked with the heroes of the Alley and their contribution to the development of science. "



STUDENT OFFICE OPENED ON MOSCOW SITE OF MEPHI



On March 6, the opening of a student office took place at MEPHI. It combined two modern spaces - a multifunctional center and a coworking zone.

The opening ceremony was attended by Director General

of the State Atomic Energy Corporation Rosatom Alexei Likhachev and Rector of MEPHI Mikhail Strikhanov.

During the excursion and conversations with students, the head of Rosatom drew attention not only to the func-

tional content of the office, but also to the students' activity. He spoke about involving them in the personnel work of the State Corporation and expanding the formats of interaction between the university and the employer. Students

talked about their scientific work and participation in projects. Foreign students also shared their impressions of studying at MEPHI.

Alexei Likhachev emphasized: "We would really like you to choose the areas that are needed for Rosatom. This is not only a traditionally nuclear area, but also a lot of new ones: for example, logistics, the development of new materials, new substances, alternative energy, nuclear medicine, space projects. You will choose where to go to work. You are the best, and we need the best! We want to fight for you! "

The multifunctional center is equipped with an electronic queue system. It replaces the dean's office in advising and solving various issues related to

learning process.

Another part of the office is the coworking zone — a comfortable place to study and work on a project can be adjusted to group work. The coworking zone is designed for 100 or more seats with a free wi-fi network and sockets for charging electronic devices. For students, meeting rooms are available for booking.

According to the head of the student's office Vladimir Kislov, the opening of such a space at the university is one of the significant stages of its transformation in accordance with the needs of the digital economy.

Measures to create a student office are being implemented as part of the industry project «Development of MEPHI 2018-2022»

RATINGS

BRAND MANAGER OF THE HELD SEMINAR AT MEPhI

On February 28, regional brand manager of THE World Universities Insights Limited Lachyn Italmazova held a seminar on brand management and reputation at MEPhI. THE World University Rankings are based on three data sources: general information provided by the universities, bibliometric indicators, and survey that describes university image. The last one accounts for one third of the final score.



Lachyn noted that Russian universities have improved their performance indicator in recent years, in particular participants of the 5-top-100 Project. However, this dynamic is still not so impressive

as increased efficiency of some Asian universities. They use aggressive marketing strategies to attract the best teachers, scientists and students, as well as to promote their scientific achievements. Seminar participants discussed factors that influence the reputation assessment of universities, and ways to promote the University globally. MEPhI representatives also made proposals how to improve the methodology for THE World University Rankings, which will be revised and improved next year.

MEPhI TOOK FIRST PLACE IN RANKING BY DEMAND AMONG ENGINEERING UNIVERSITY IN RUSSIA

In 2019, MEPhI retained the position of the most demanded engineering university in Russia; it follows from the rating of the demand for universities at MIA Russia Today.

The study included 436 universities — state, municipal and private universities, in particular 88 classical universities, 125 engineering

universities, 49 agricultural, 65 humanitarian, 59 universities in the field of management and 50 medical.

"The rating of the MIA "Russia Today" in terms of the demand for universities is important for students, applicants and their parents, as well as for the universities themselves. It is pleasant

that MEPhI took first place in this rating among engineering (technical) universities. MEPhI graduates are widely demanded on the labor market, primarily in high-tech Russian industries, as well as in leading foreign research and educational centers and companies," said Mikhail Strikhanov, Rector of MEPhI.

MEPhI — IN FIVE SUBJECT RANKINGS QS AND TOP-100 BEST UNIVERSITIES FOR PHYSICS & ASTRONOMY



The Quacquarelli Symonds (QS), a UK-based global higher education company released the latest edition of the World University Rankings by Faculty and Subject.

In this year MEPhI is represented in five subject rankings. Six times in a row MEPhI has retained its status as one of the 100 best universities for Physics & Astronomy and as one of the top 150 best universities for Natural Science.



REGIONS



SarFTI TEAM REACHED THE 1/4 FINALS OF REGIONAL STAGE OF ALL-RUSSIAN E-SPORTS STUDENT LEAGUE

The Nizhny Novgorod regional branch of the All-Russian public organization "Computer Sports Federation of Russia" held the regional stage of the 4th season of the All-Russian e-Sports Student League from March 16 to 30, 2020. This is an annual tournament for students of higher and secondary specialized educational institutions.

The team of SarFTI MEPhI took part in such competitions for the first time. Undergraduate and graduate students of the Faculty of Physics and Technology and the Faculty of Information Tech-

nology and Electronics showed good results and established themselves as a team that came to compete and fight for victory.

Competitions are held in the following disciplines: Dota2, Counter Strike: Global Offensive, Hearthstone: Heroes of Warcraft, Warcraft 3: Reforged, Clash Royal. In the 2019-2020 season, the total prize — more than two million rubles.

On March 16, the first Dota 2 competition took place. SarFTI MEPhI entered the top 8 best teams, but losing in the 1/4 finals to the national team Nizhny Novgorod State Agricultural Academy.

TTI MEPhI STUDENTS TOOK PART IN SRETENSKY YOUTH BALL

Students of the Trekhgorny Technological Institute of MEPhI took part in the III Sretensky youth ball, which is traditionally organized by the Zlatoust diocese of the Russian Orthodox Church. The event was held in town Zlatoust. Participants and guests

were welcomed by bishop of Zlatoust and Satkin Vinkentiy and deputy head of the Zlatoust district Olga Ivanova.

The event included several general dances: waltz, polka, ragtime. The ceremonial polonaise, as expected, opened the ball. The event was also

attended by students and schoolchildren from the Chelyabinsk region. TTI MEPhI did not stand aside: six students came to the ball. During the intermission, it was organized master classes on the manufacture of fans, brooches and other accessories.

