

should be guided by the requirements of safety, available explosive materials that are recommended as well as by the information concerning deposit inundation.

In conducting horizontal mine workings we apply electrical and fire and electrical blasting methods. The most common blasting method is electrical, while in case of heavily watered faces it has a universal application.

Single dead-end mine workings are ventilated by local ventilation fans. The most common is a pressuring ventilation scheme. In case of this scheme application, the equipment is installed at a distance of no more than 10m from the original jet. The distance from the ventilation pipe end to the face does not exceed 10m.

The air volume necessary for the dead-end ventilation is determined according to the amount of explosives and the number of people simultaneously working underground.

A high-level mine working operation is an effective way of achieving high technical and economic results in mining. The operation modes meet the requirements of other mining service modes at an enterprise. There are three or four shift modes respectively, with 5 and 6 working days a week. In a three-shift mode (5-6 hours), some repair and preparation shifts are organized including three-hour breaks. In a four-shift mode, the repair and maintenance operations are performed during days-off.

*Artem Hetun*

*R.O. Timchenko, PhD, prof., research supervisor*

*D.A. Krishko, PhD, senior teacher, research supervisor*

*N.O. Holiver, PhD, assoc. prof., language adviser*

*SIHE "Kryvyi Rih National University"*

## **PARKING IN CRAMPED URBAN CONDITIONS**

Because of the advanced growth rate of car ownership over public vehicles lack of parking has become a problem, not only in the center but also in residential. Parking space deficiency leads to the search for new solutions that have investment attractiveness and are aimed at increasing the efficiency of car parking.

Aim of the study is to examine the options of parking and identify ways to optimize parking space. Foreign experience of parking spaces shows that the problem of parking in the city is considered to be solved if spaces are provided to at least 60% of registered vehicles in the city.

Today practically every construction project addresses the issue of placing its cars taking into consideration the current diversity of car parking, you can take the following classification of parking: multilevel parking in downtown or residential building; underground parking in downtown or residential building; underground - above-ground parking in the same building areas; day and night parking (fenced - protected); areas for car parking in a residential building.

Many European countries solve the problem of multilaterally parking: - first, the majority of the population if it is possible moves by bicycle; secondly, network of ecoparkings built is well-developed; thirdly underground parkings availability.

Multilevel parking has lots of comfort (heating, hardware protection, security and fire alarm systems, ventilation, auxiliary service). At the same time multilevel parking has several important advantages: cars left in the parking are protected from the adverse effects of the environment (rain, snow, dirt, etc.). Underground parking has recently gained wide acceptance in the areas of new construction, they are located near or directly under the buildings. The apparent advantage of this type of parking is the best available to residents of their cars.

So at the current population growth of motorization, construction of multilevel parking in residential areas of the city is the ultimate solution to lack of storage space.

### *References*

1. Timchenko R.O. Tekhnichni problemy budivnytstva v umovakh shchil'noyi mis'koyi zabudovy [Technical problems of construction in dense urban areas] / R.O. Timchenko, D.A. Krishko, A.S. Prykhod'ko // *Mistobuduvannya ta terytorial'ne planuvannya* – Kyiv, KNUBA, 2010. – Vyp. 33 – pp. 347-352.
2. Timchenko R.A. Multi-storey parking garages in a town-planning environment / R.A. Timchenko, D.A. Krishko, T.O. Tkachenko // *Mistobuduvannya ta terytorial'ne planuvannya* – Kyiv.: KNUBA, 2012. – Vyp. 39 – pp. 118-123.
3. Oshchepkova N.D. Predproyektyny obzor aktual'nosti proyektirovaniya podzemnykh avtostoyanok v mnogoetazhnykh zhilykh kompleksakh [Preproject overview of actuality multistorey underground parking design in residential complexes] /

N.D. Oshchepkova, N.D. Dmitriyeva // Sbornik nauchnykh statey 3-y Mezhdunarodnoy molodezhnoy nauchnoy konferentsii: v 2-kh tomakh. – Kursk, 2014. – pp. 191-194.

*Oleksandr Gorskyi*  
*L. V. Kruhlenko, language adviser*  
*SIHE “Kryvyi Rih National University”*

## **ROLE OF FOREIGN LANGUAGES FOR IT SPECIALIST CAREER**

The opportunity for career growth or employment in a prestigious company is one of the most powerful incentives. Indeed, without a good knowledge of English a working position can be found mostly in small local businesses only. If you dream of a position at a big and even international enterprise, you need to have the maximum advantages over other competitors. One of these benefits may be the knowledge of English, because it is the language of business and international communication. In our country every year a growing number of companies with foreign capital and companies, working with foreign clients or suppliers arises. Therefore, with the help of English you will be able to understand a client or communicate by correspondence with foreign partners and make presentations or business negotiations.

Let us start with the fact that today the globalized IT sector is a dynamic field. Development always causes constant changes. Therefore, the importance of English for people working in this area does not cause any doubts. On the one hand, English is the opportunity to gain new knowledge; on the other hand, it is the possibility to exchange information with colleagues from other countries. However, let us consider the reasons justifying the necessity of studying English for IT in details:

1. Any programming language is based on the English language. In other words, knowing English it is much easier for a programmer to perform his usual work.
2. Almost all specialized literature is published in English (small percentage is translated correctly and clearly).
3. If you are ambitious and want to build a career in one of the largest IT companies such as Microsoft or CISCO with the help of