

THE MINING INSTITUTE OF PETROȘANI DURING 1978-1989



Prof. Ph.D eng. FODOR DUMITRU
Rector (1978-1989), University of Petroșani

In 65 years of experience, the higher education in Jiu Valley has reached its full maturity. Since the establishment in 1948 of the Institute of Mine in Petroșani until today, the institution of higher education in Romania has experienced a continuous development in all aspects - teaching, educational, technical and scientific.

Today, the institution that we serve has a name and a definite place in the Romanian higher education, and it is known and recognized internationally, is appreciated and honored with the highest national and international scientific forums.

Over time Mining Institute, now the University of Petroșani, was led by a number of prominent personalities of the Romanian mining science and technology.

1979 - January - returned me the glory and the honor to hold the position of Rector of the Mining Institute of Petroșani and lead this institution of higher education until 1989 - October - that is almost 12 years. While I responded to the destinies of the Mining Institute of Petroșani, Romania mining industry, mining and higher education that has been in continuous development and modernization.

The mining industry in our country then produced annually more than 150 million tons of mineral fuels, ores of precious metals, ores of ferrous, non-ferrous and rare non-metallic substances, etc.. To achieve the objectives of the production plan of the national mining industry, it was necessary staff large enough and appropriate qualifications.

The expert staff with higher education had to be prepared at the Institute of Petroșani and so continued during which we refer to enrollment quotas increased continuously, reaching in 1989 to nearly 5,000 undergraduate and postgraduate students. New departments were established deepening specialization and groups, both full time and evening classes. For example, in 1980, we set up station "mining industry" following the development of the exploitation of minerals and rocks in quarries.



The number of teachers with the basics and associates has increased. Thus, during 1979-1989 were classified by competition over 80 teachers with tenure in higher education and have been accepted by the department staffs over 100 teachers associated recruited from the best specialists in production, research and design of Jiu Valley in the county and even the country. I dare say that while I was Rector of the Mining Institute, we faced a number of serious problems in terms of the material.

For the number of students and activities were held in the Mining Institute, the available educational space was too small. Following the educational process is carried out in 6 days a week in two shifts each day. Some activities were scheduled on Sunday. For example training courses for admission to higher education is held only on Sundays. To overcome the lack of educational space we rented and used a number of halls of schools and institutions in the city. Later we built **a new school body**, we made the final planning workshop, we put into the Mini platform and expanded and modernized the sport at the University. It was then also designed and began construction of the present **Library and Computing Centre**, University House expanded and built an apartment building for teachers and hostel for married students. In the city, near the University Complex, we were transferred to a suitable building has been designed as **Students' Culture House**.

Most students of the Mining Institute came at that time from outside the Jiu Valley. As a result I was required to provide an accommodation and canteen where to dine. In solving this problem I have been helped by the municipal authorities, who distributed the Institute of Mining **2 apartment** buildings that we turned into dormitories and two restaurants, which I turned into cafeterias. In that time operated at full capacity at the Institute of Mine 6 dormitories and 3 canteens.

Providing three meals daily for over 3000 students, with canteen supplies require massive amounts of products for which administrative service staff wandering around the country to purchase the necessary.

Throughout the period when we were at the head of the Institute of Mine, I campaigned to realize a high-class education, effective and full of content, according to modern guidelines that time. Educational process was done with rigor. Nobody afford to not take hours. No teachers were absent from work, but no students could not afford it.

To support the preparation of students have led a campaign in all subjects in the curriculum are covered with educational material. Therefore every teacher had to write the course and to provide it to the students.

Thus, between 1979-1989, were edited and printed locally or centrally over 150 titles - treaties, monographs, lectures and lab guides, all written by our teaching staff in positions of assistant of the professor.

All for the growth and modernization of the educational process, after commissioning of the new educational space we set up a series of new laboratories such as: Physics, Chemistry, Thermodynamics, Hydraulic and Pneumatic, Surveying, Preparation, Mining days underground and Mechanics land and digging and mining support, etc. We were concerned about providing them with facilities, equipment and appliances suitable for educational process, fundamental and applied scientific research.



While I was rector, I gave special attention to the organization and conduct of the students practice in production as a component of the educational process. The practice was particularly serious, each year students doing their practice all the different mining area to gather knowledge as varied. Many students were doing their practical production by directly productive employment positions.

Along with teaching, teachers of Mining Institute have worked extensively for scientific research, fundamental and applied. Teams of teachers and students have studied a number of priority issues related to: the rational and full of various useful mineral reserves, mining mechanization processes, design and development of new mining machinery, automation of mining processes and mining machinery and equipment, improvement of methods and processes for preparing, organizing scientific production and labor, etc.. The majority of scientific research is based on contracts with productive units or research institutes and design field. Every year the value of the contracts at the institute reached tens of millions of lei - value for those times can not be neglected.

Those who have read my writings thus far, will say - Well, in all the years 1979-1989, the Mining Institute management has not had any serious problems, not faced any difficulties. They do not. We had some problems, but they've done some easier and some harder.

I'll give you an example: in the 1970s until 1990, entry into higher education is based on an entrance examination, which was held in July. At most institutions of higher education in Romania, available seats were occupied in the summer contest. There were few institutes and faculties with not all the places occupied in summer and organized a second session in autumn admission in September.

The Mining Institute of Petroșani, with a less attractive profile, could not care places allocated for the following year of study, summer, and then every year we organized a session for admission in the fall. How institutes seeking candidates who had more places in the competition we face fall with a flurry of candidates had to examine and admitted to the best of them. Thus, every year, in autumn, we had 10-15 candidates on one spot in the contest. At the institute gathered thousands of candidates. The organization and conduct of these admission sessions were very tiring for everyone, especially since they overlapped with other obligations and activities which we had to operate in a higher education institution.

Also, no building objectives that I mentioned was not easy, I had repeated discussions and especially designers endless, especially with builders. But it was all and eventually we were satisfied with what we have achieved.

Accomplishments in that time and still curdling when a **group of teachers**, especially valuable were the basis for further development of the University of Petroșani and becoming what it is today.

I conclude by saying that I, prof. Ph.D eng. DUMITRU FODOR, Rector of the Mining Institute of Petroșani from January 1979 to October 1989, am a product of the Jiu Valley Mining Higher Education. I learned here I worked here I have done. Therefore crave this place of education, to remain forever young and continue to prepare specialists hope for the future of the national economy, science and Romanian culture.

Happy Birthday!

