

MDEM Intl., Admiral Makarov National University of Shipbuilding and Izmail State University of Humanities delegation's visit Faculty of Automation, Computers, Electrical and Electronic Engineering of "Dunărea de Jos" University of Galați



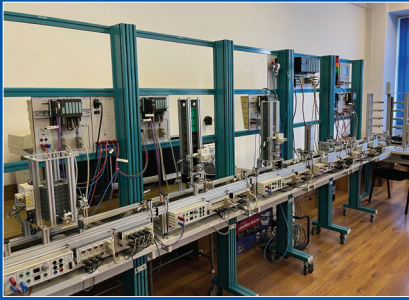
Another part of the visit of NUS and MDEM Intl. to "Dunărea de Jos" University of Galați was remarkable for its real achievement coming out of the fruitful cooperation between academia and business that started earlier this year. The delegation visited the Faculty of Automation, Computers, Electrical and Electronic Engineering - a faculty that is unique in its profile within the south eastern region of Romania and well known for its strong focus on engineering education and applied research. Moreover, the graduates of the faculty are well-known all over the world for their high professional skills and deep understanding of the disciplines, and are the employees of the Romanian shipyards and engineering companies, as well as their co-

makers, big international E&A companies providing E&A services for the maritime industry.

The Faculty provides high school graduates with the necessary conditions to develop professional competences and practical skills in the disciplines of Automation, Computer Science and Information Technology, Electrical Engineering, and Electronic Engineering. The Faculty offers study programs at all academic levels, including Bachelor's, Master's, and Doctoral (PhD) studies, providing a comprehensive educational pathway for future engineers and researchers. Scientific research are realized within the specialized laboratories and Research Centers, using dual approach – the educational

programs are accomplished by the dedicated multidisciplinary projects initiated by business, closely aligned with industry needs and technological development. It's worth noting that equipment for the laboratories was supplied within the context of cooperation with business and following the requests of the industries.

During the visit the delegation had the opportunity to tour one of the faculty's unique laboratories, guided personally by the Dean of the Faculty, Prof. PhD Eng. Răzvan Constantin Șolea. The visit offered valuable insight into the faculty's modern research facilities, advanced equipment, and ongoing academic and applied research activities, highlighting the strong



integration of theory, experimentation, and real engineering challenges. The delegation was presented the robots that had been engineered and assembled by students and PhD students during the last time, informed about achievements in PLC treatment, and also there was an overview of brilliant PhD thesis made by the Dean. At the end of the tour Prof. PhD Eng. Răzvan Constantin Şolea presented the newest PhD thesis released by the Faculty as a sign for future interaction in the area of scientific investigations and raising up PhD students for the industry requests.

A key topic of discussion during the visit was the professional development and upskilling of MDEG specialists, including the opportunity for company employees to obtain doctoral studies at the Faculty, with the perspective of further involvement in teaching and academic activities. This approach reflects a shared understanding of the importance of combining industrial expertise with academic excellence, as well as strengthening the link between education, research, and industry. Besides, the topics of upgrading the



educational programs bringing professional expertise of the engineering companies attracted the attention of the academia representatives of Romania and Ukraine. Being initiated by business the upgraded educational program is to increase the professional knowledge of the graduates giving them more scores among the competitors on the labor market on the one hand and reducing adaptation time of the former students for the industry on the other hand. The very special topic related to the educational approach and generally the mindset of the future design engineer was “System Engineering” and it could become the starting point for the fruitful cooperation between the Universities and business.

The visit concluded with the signing of a Partnership Agreement between the Faculty of Automation, Computers, Electrical and Electronic Engineering and MDEG, marking an important step toward long term collaboration. The agreement was signed by the Dean of the Faculty, Prof. PhD Eng. Răzvan Constantin Şolea, MDEM Intl. Director, Associated professor, Candidate



of Economic Sciences Olena Zhukova, and E&A Manager MDEG Stanislav Seleznov, establishing formally the mutual commitment to cooperation in education, research, knowledge exchange, and human capital development. This agreement was the result of the fruitful cooperation of MDEM Intl. and Faculty that has started during the last visit including the preparation for joining the Grant project and overviewing the educational programs. The agreement was strongly supported by the Dean of the Faculty of Naval Architecture PhD in Eng. Costel Ungureanu.

This partnership creates a good basis for future joint initiatives, supporting innovation, advanced engineering education, and the development of highly qualified specialists ready to meet the demands of modern industry. This is a great example of the development relationships between business and academia that will lead to incredible results in education, research and production. Because the best is yet to come! ◀◀

